

## INDEX

- ❖ COMPANY INTRODUCTION
- ❖ INTEGRATED MANAGEMENT SYSTEM POLICY  
(Quality, Environment, Health, and Safety Management System Policy)
- ❖ QUALITY, ENVIRONMENT, HEALTH, & SAFETY  
MANAGEMENT SYSTEM MANUAL
- ❖ ORGANIZATION CHART
- ❖ KEY PERSONNEL PROFILE
- ❖ TRADE LICENSES
- ❖ ISO CERTIFICATES
- ❖ LIST OF MAJOR PROJECTS & SNAP SHOTS
- ❖ LIST OF EQUIPMENTS
- ❖ COPIES OF SUB-CONTRACT AGREEMENTS, APPROVED  
DOCUMENTS FOR THE MAJOR PROJECTS
- ❖ MAJOR BANKS & AUDITOR
- ❖ LOCATION MAPS & WORK SCHEDULE



[www.ecotherm.ae](http://www.ecotherm.ae)

# **COMPANY INTRODUCTION**





[www.ecotherm.ae](http://www.ecotherm.ae)

## Company Introduction

**Ecotherm Contracting LLC** is an electromechanical contracting company established in 2005 recognized by major consultants, contractors and customers throughout the UAE. In the year 2014, the company expanded its services to Jordan, Saudi Arabia, Lebanon, and United Kingdom.

Ecotherm is an ISO 9001:2008, ISO14001:2004 & OHSAS18001:2007 certified company.

Major area of its operation includes Supply, Installation, Testing, Commissioning and Maintenance of following system:

- Air Conditioning & Ventilation Systems
- Water Supply and Drainage Networks
- Fire Fighting Systems
- All Electrical Systems
- Lighting Systems
- Low Voltage Systems
- High Voltage Systems
- BMS Systems
- Fire Alarm & Security Systems
- Street Lighting
- Natural Gas Systems
- Underground & Overhead Cabling

We have a multitalented team of Design Engineers and Draftsmen under the leadership of Technical Managers whose specialization in MEP design, drawing and drafting services.

It is worth to mention that Ecotherm provides feasible engineering solutions as all the design, engineering, procurement & construction are carried out under the auditing of professional cost control team of electrical and mechanical cost control engineers having extensive knowledge in all engineering, procurement and construction aspects which guarantee the successful completion of any multifaceted engineering projects timely and cost-effectively.



[www.ecotherm.ae](http://www.ecotherm.ae)

Ecotherm Contracting LLC provides end to end solutions in Mechanical, Electrical and Plumbing services to the following business sectors:

- 1) Villas
- 2) High Rise Towers
  - Residential Towers
  - Office Towers
  - Mixed use development
- 3) Infrastructure
  - Airport Terminal & Lounges
  - Substations and Control Rooms
  - District Cooling Plant
  - Metro Rail (Underground & Stations)
  - Stadium & Sports Complex
- 4) Education
  - Schools
  - University
  - Multi-purpose Halls
- 5) Medical Care
  - Hospitals
  - Medical Centers
  - Pharmaceutical
  - Clean Room
- 6) Hospitality
  - Star Hotels
  - Clubs & Lounges
  - Restaurants
  - Industrial Kitchens
- 7) Commercial
  - Shopping Malls
  - Hypermarkets
  - Showrooms & Retail Stores- Fit out
  - Banks- Fit out
  - IT Data Centers

Customer satisfaction is our final goal and we achieve this through our quality work and outstanding performances putting into consideration health & safety of our workers and the environment as well.



[www.ecotherm.ae](http://www.ecotherm.ae)

## **ELECTRO-MECHANICAL WORKS**

### **Mechanical Works:**

We have our HVAC Division highly equipped to handle all aspects coming under the Air Conditioning and ventilation Industry. This includes closed control Air conditioning, Ventilation Systems, Heating Systems, Pressurization fan.

Installation of water cooled or Air Cooled Condenser, Air Handling & Fan Coil Units, Chilled Water piping, Multi Split DX Units, Duct works including Grilles & Diffusers, VAV Systems, Precision Units, Hot Water Systems (Electro Water Heaters, Pumps, Booster Pump & Piping).

### **Plumping Drainage & Fire Fighting Works:**

The services consists of complete Supply & Installations of PVC, UPVC, PPR, HDPE, Steel GI and Copper pipe works.

### **Sanitary Works:**

Water supply Network, Drainage Network, Pipe Lines, Pumps, Central water Filtration System, Entire Fire Fighting Pump, Piping and Sprinkler Systems.

### **Low Voltage Electrical Works:**

Our Electrical Division handles all aspects of low voltage electrical works, and other services such as main installation, small power installation, internal, external & emergency lighting installation.

### **High Voltage Electrical Works:**

Handles cable laying, jointing, termination and installation of distribution equipment up to 22kV.

### **Underground and Over-head Cabling:**

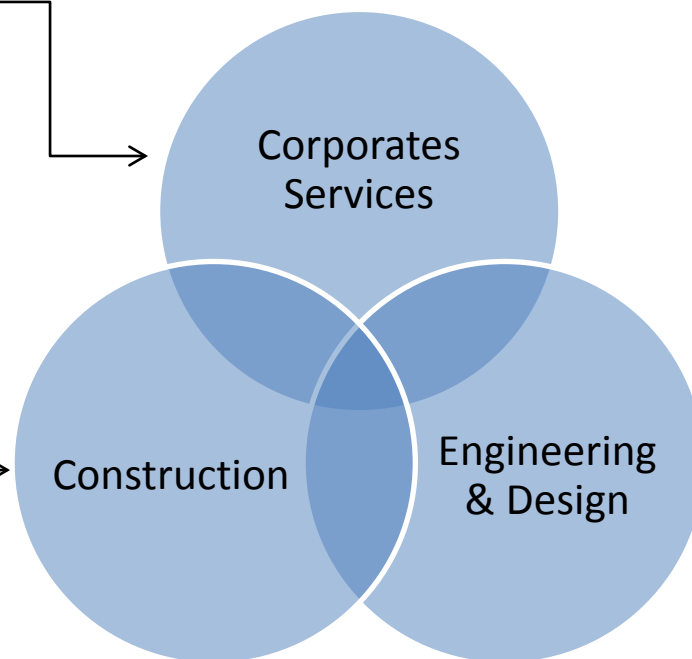
Execution of sub-station & sub-main power station, transformers, generators, standby generator installation, bus-bars and all works related to above, supply and installation of street lighting, all building electrical services & low voltage systems (MATV, Intercom, Telephone, CCTV, PA System), BMS systems, control wiring, smoke extract systems, main switchgears, earthing & bonding, fire alarm and security system.

## **OPERATIONAL ACTIVITIES:**

- Corporate Policies
- Estimation
- Commercial
- Procurement
- Finance & Acct.
- Audit & Legal
- Admin & HR
- Communication

- Architectural Design
- Shop Drawings
- System Design
- Drafting

- Contract Admin
- Expediting
- Safety
- Cost Control
- Quality Control
- Supervision



## Service Matrix

Quality Project Management requires detailed and methodical internal practices and policies throughout each phase of the project.

### Legend:

Planning Phase				
Pre-Construction Phase				
Construction Phase				
Post-Construction Phase				

### Management:

	✓	✓	✓	✓
Program Management	■	■	■	■
Project Management	■	■	■	■
Construction Management	■	■	■	■
Owner's Representation	■	■	■	■
Project Team Facilitation	■	■	■	■
Project Stakeholder Liaison	■	■	■	■
Strategic Planning	■	■	■	■
Project Development	■	■	■	■
Agency Interaction	■	■	■	■
Contract Negotiation	■	■	■	■
Prequalification of Designers/Contractors	■	■	■	■
Feasibility Review	■	■	■	■
Materials Recommendations	■	■	■	■
Project Delivery Methods	■	■	■	■
Procurement Strategies	■	■	■	■
Construction Methods	■	■	■	■

### Controls:

	✓	✓	✓	✓
Budget Establishment	■	■	■	■
Budget Contingency & Escalation	■	■	■	■
Cash Flow Analysis	■	■	■	■
Budget Controls	■	■	■	■
Conceptual Estimates	■	■	■	■
Check Estimates	■	■	■	■
Change Order Estimates	■	■	■	■
Cost Review	■	■	■	■
Value Engineering	■	■	■	■
Project Schedule	■	■	■	■
Schedule Interfaces/ Constraints	■	■	■	■
Long Lead Items	■	■	■	■
Schedule Review	■	■	■	■
Phasing/ Logistics Plan	■	■	■	■
Milestones	■	■	■	■
Change Order Validation	■	■	■	■
Performance Measurement	■	■	■	■
Cost & Schedule Analysis	■	■	■	■
Progress Reporting	■	■	■	■
Issues Management	■	■	■	■
Claims Avoidance	■	■	■	■
Claims Resolution	■	■	■	■

### Coordination:

	✓	✓	✓	✓
Scope Development & Review	■	■	■	■
Design Standards/ Criteria	■	■	■	■
Designer Proposal Review	■	■	■	■
Pre-Design Meetings	■	■	■	■
Design Coordination Meetings	■	■	■	■
Design Reviews	■	■	■	■
Technical/ Specification Writing	■	■	■	■
Specifications Review	■	■	■	■
Construction Documents Review	■	■	■	■
Site Utilization Plan	■	■	■	■
Utility Agency Coordination	■	■	■	■
Pre-Bid Meetings	■	■	■	■
Sub-contractor Bidding	■	■	■	■
Contractor Bid Review	■	■	■	■
Contract Review	■	■	■	■
Safety Program	■	■	■	■
Pre-Construction Meetings	■	■	■	■
Submittal Review	■	■	■	■
Construction Coordination Meetings	■	■	■	■
Construction Progress Meetings	■	■	■	■
Quality Assurance	■	■	■	■
Field Notices	■	■	■	■
Payment Requisitions Review	■	■	■	■
Change Order Review	■	■	■	■
Certificate of Occupancy	■	■	■	■
Punch List	■	■	■	■
Close-out	■	■	■	■
Testing, Implementation & Start-up	■	■	■	■
Furnishings & Equipments	■	■	■	■

### Administration:

	✓	✓	✓	✓
Contract Administration	■	■	■	■
Meeting Minutes	■	■	■	■
Submittals Log	■	■	■	■
Requests for Information Log	■	■	■	■
Change Orders Log and Administration	■	■	■	■
Payment Requisitions	■	■	■	■
Drawing Log	■	■	■	■
Correspondence	■	■	■	■
Labor Compliance	■	■	■	■
Insurance	■	■	■	■
Close-out Documentation	■	■	■	■



[www.ecotherm.ae](http://www.ecotherm.ae)

## OUR VISION & MISSION



[www.ecotherm.ae](http://www.ecotherm.ae)

## OUR VISION

To be one among the best leading MEP Contractors in the Middle East and UK with no concession in quality of our services and achieving our jobs in the most developed environment-friendly techniques.

## OUR MISSION

- Ensure the productivity and integrity of the Company, Staff and Assets with emphasis on UAE National Development.
- Provide all products and services in accordance with the International Quality Management System and EHS Standards (ISO9001, ISO14001, and OHSAS18001) and market trend.
- Train our work force and provide them an atmosphere to fully show and use their potentials
- Strengthen cooperation with other Stakeholders.



[www.ecotherm.ae](http://www.ecotherm.ae)

# **QUALITY, ENVIRONMENT,** **HEALTH, & SAFETY** **MANAGEMENT SYSTEM POLICY** **(QEHSMS POLICY)**



## **QUALITY, ENVIRONMENTAL, HEALTH & SAFETY MANAGEMENT SYSTEM (QEHSMS) POLICY**

Ecotherm Contracting LLC ensured and defined an integrated management system policy providing a quality service to all its customers, providing safe, healthful workplace, protecting the environment, conserving energy and natural resources, and operates in accordance with its ISO9001 Management System, ISO14001 Environmental Management System and OHSAS18001 Occupational Health & Safety Management requirements.

The company is committed to comply with applicable legal and statutory requirements in its quality management system effectiveness, provide safe working environment and a safe system of work to prevent injury and ill health on the workforce and those persons working under the control of the organization, and the improvement and prevention of pollution for environment protection by promoting a continual improvement philosophy throughout all activities.

In achieving this, the Company regularly reviews its working practices (including the general working environment and individual employees' work stations) to ensure that best practices are adhered to or adopted and that safety hazards are identified and accidents, so far as reasonable practicable, are avoided. In particular, the Company regularly monitors the safety of any equipment or machinery provided by use by employees. All employees who use or supervise the use of such equipment or machinery are properly trained in its use (including any Health & Safety considerations). All these activities are documented, implemented and maintained.

Compliance and improvement is monitored by process measures and internal audits and is maintained by the timely implementation of preventive and corrective actions to ensure that customer requirements are met and exceeded under controlled environments and product realization procedures are adhered to protecting the integrity and reputation of the business.

Company communicates its QEHS objectives and its performance against these objectives throughout Ecotherm Contracting LLC and to interested parties.

ECOTHERM reviewed periodically the QEHS Policy to ensure that it remains relevant and appropriate to the organization.

**M. Tareq Ziad Siam**  
Managing Director/Partner


Date: 1 April 2014



[www.ecotherm.ae](http://www.ecotherm.ae)

# **QUALITY, ENVIRONEMENT,** **HEALTH, & SAFETY** **MANAGEMENT SYSTEM MANUAL**


### UNCONTROLLED COPY

	Title of Document: <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
	Type of Document: Manual	Document Code: ETC-QEHSMA01
Date Issued 4 Oct. 2014	Originator and Reviewed by: <i>Anecita J. Dela Cruz</i> Anecita J. Dela Cruz	Revision No.: 2
Date Superseded: 14 Jun. 2014	Approved by: <i>Engr. Tareq Siam</i> Engr. Tareq Siam	

### AMENDMENT RECORD SHEET

Rev. No.	Date	Pages	PROCEDURE OR CLAUSE REFERENCE	AMENDMENT DETAILS
1	6 April 2013	1 to 22	Quality System Manual (ETC-MNL-01)	Change of format and to include product realization
2	29 Jan. 2014	1 to 19	Quality System Manual (ETC-MNL-01)	Add: Exclusion (7.3 clause in the system), references and definitions, policy and objective. Take out 13 clauses which is not needed including 7.3 Design & Development which is excluded. Change of format.
0	28 Oct. 2013	1 to 21	Environment Health and Safety Management System Manual ETC-EHS-SM-2.001	First issue
0	7 Apr 2014	1 to 25	Complete Manual for QEHSMS (ETC-QEHSMA01)	Convert the system into Integrated management system called QEHSMS (Quality, Environmental, Health and Safety Management System). Incorporate quality and safety manuals into one.
1	14 Jun 2014	1 to 25	4.2.3/ 5.4.2.2/ 5.5.1/ 5.5.3/ 5.7/ 8.3/8.2.4	<ul style="list-style-type: none"> <li>-Took out master list of controlled documents and replaced with Internal document transmittal sheet.</li> <li>-Change the reference code for the hazards and risk assessment procedure.</li> <li>-Added information regarding the changes on the roles and responsibility in accordance to ETC-QEHSMA13.</li> <li>-Added which procedure needed for the communication, consultation</li> </ul>


## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

				and participation requirements -Change the reference codes used for particular procedures which were brought under the management procedures (ETC-QEHSP-MA10, ETC-QEHSP-MA11 & ETC-QEHSP-MA12) -Added Monitoring and measurement of Products -Added Human Resource role & responsibilities. - including waste management information under clause 7.5.5
2	4 Oct. 2014	1 to 27	5.5.2, 5.5.3 and Appendix 1	- MR appointment, roles and responsibilities - Added the IMS Process Interaction Flow Chart




## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

### Table of Contents

Item No.	Contents	Page No.
0	Amendments	1
	Table of contents	3
	Quality, Environmental, Health & Safety Management Policy	4
1.0	Scope	5
2.0	References	8
3.0	Definitions	8
4.0	Integrated Management System Requirements	8
5.0	Management Responsibility	9
6.0	Resource Management	17
7.0	Product Realization	18
8.0	Measurement, Analysis and Improvement	22
Appendix 1	IMS Process Interaction Chart	27
Appendix 2	Organization Chart	Last page

**UNCONTROLLED COPY**

	Title of Document: <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
Date Issued: 4 Oct. 2014	Type of Document: Manual	Document Code: ETC-QEHSM-MA01

**QUALITY, ENVIRONMENTAL, HEALTH & SAFETY MANAGEMENT SYSTEM  
(QEHSMS) POLICY**

Ecotherm Contracting LLC ensured and defined an integrated management system policy providing a quality service to all its customers, providing safe, healthful workplace, protecting the environment, conserving energy and natural resources, and operates in accordance with its ISO9001 Management System, ISO14001 Environmental Management System and OHSAS18001 Occupational Health & Safety Management requirements.

The company is committed to comply with applicable legal and statutory requirements in its quality management system effectiveness, provide safe working environment and a safe system of work to prevent injury and ill health on the workforce and those persons working under the control of the organization, and the improvement and prevention of pollution for environment protection by promoting a continual improvement philosophy throughout all activities.

In achieving this, the Company regularly reviews its working practices (including the general working environment and individual employees' work stations) to ensure that best practices are adhered to or adopted and that safety hazards are identified and accidents, so far as reasonable practicable, are avoided. In particular, the Company regularly monitors the safety of any equipment or machinery provided by use by employees. All employees who use or supervise the use of such equipment or machinery are properly trained in its use (including any Health & Safety considerations). All these activities are documented, implemented and maintained.

Compliance and improvement is monitored by process measures and internal audits and is maintained by the timely implementation of preventive and corrective actions to ensure that customer requirements are met and exceeded under controlled environments and product realization procedures are adhered to protecting the integrity and reputation of the business.


Company communicates its QEHS objectives and its performance against these objectives throughout Ecotherm Contracting LLC and to interested parties.

ECOTHERM reviewed periodically the QEHS Policy to ensure that it remains relevant and appropriate to the organization.

**M. Tareq Ziad Siam**  
Managing Director/Partner

Date: 1 April 2014

**UNCONTROLLED COPY**

	Title of Document: <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
Date Issued: 4 Oct. 2014	Type of Document: Manual	Document Code: ETC-QEHSM-MA01

**1 Scope****1.1 General**

ECOTHERM CONTRACTING LLC undertakes MEP contracting works MEP works with expertise in Installation, Supply, Testing and Commissioning and Maintenance of Air Conditioning and Ventilation Systems, Water Supply and Drainage Works, Fire Fighting Systems, Electrical Systems, Lighting Systems, Low Voltage Systems, High Voltage System, BMS Systems, Street Lighting and Underground and Overhead Cabling and satisfies the quality assurance requirements as required in ISO 9001:2008 (Quality Management System) and committed in providing safe and effective services in a responsible and pro-active manner as required in ISO14001:2004 (Environmental Management System), OHSAS18001:2007 (Occupational Health and Safety Management System).

The company has implemented this Integrated Management System (IMS) to ensure compliance to ISO9001:2008, ISO14001:2004 & OHSAS18001-2007. The content of the Ecotherm IMS is applicable to all employees, contractors, visitors and other stakeholders of Ecotherm Contracting LLC.

The company's head office address is located at: Bldg.6, Mezzanine Floor  
Street 17, Sector 14, Zone 1  
Madinat Zayed, Abu Dhabi  
United Arab Emirates

P.O. Box 106345  
Abu Dhabi, United Arab Emirates.

ECOTHERM is registered with the Department of Economic Development as Commercial licensed and has Electrical contracting licensing certificate practicing electrical works under category first in UAE.

Where appropriate, statutory and regulatory requirements are also expressed as legal requirements.

**Issue control and distribution**


This Manual is prepared by the Management Representative (MR) with the coordination of consultant and approved by the Managing Director. It is a controlled and copy numbered document, issued by the MR having the stamp "CONTROLLED" on the title page, and ensures that all numbered copies are kept current. MR may issue uncontrolled copies for information/ marketing purposes. The uncontrolled copies shall have the stamp of word "UNCONTROLLED" on the title page. Uncontrolled copies will not be updated. Complete QEHSMS Manual will be completely re-issued in any case of amendments or revision and the revision history is updated and maintained on the Amendment Sheet page of this quality manual.

**1.2 Company profile and exclusions****Company profile and exclusions**

**Ecotherm Contracting LLC** is an electromechanical contracting company established in 2005 recognized by major consultants, contractors and customers throughout the UAE.



## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

Our projects include Villas, Multi Storey Buildings, Warehouses, Helicopter Hangers and other industrial buildings.

Our work force includes well experienced and qualified mechanical engineers, electrical engineers, plumbing engineers, supervisor, foremen, ducting men, pipe fitters, air conditioning technicians, welders and electricians.

The environment is an area in which the company believes it can contribute, by effective management of products used and services given to our clients. The management system will be used as the link to drive environmental policy and adherence to legal compliance, continual improvement and national and international standards.

### Exclusions to scope: ISO9001:2008

#### 7.3 Design

The manual does not formally address the issues of ISO9001:2008 Clause 7.3 – Design and Development. The company has excluded clause 7.3 from its system as it is only responsible for the installation of Mechanical-Electrical-Plumbing works in a construction and is not responsible for the design of the input or output of the building construction.

Note: Exclusions can be limited to clause 7 of ISO9001 and must be justified and must not affect the Ecotherm's ability to meet client and statutory and regulatory requirements.

### Management system scope

The scope of Ecotherm Contracting LLC major area of its operation includes estimation, supply, installation, testing, commissioning and maintenance of following system:


- Air Conditioning & Ventilation Systems
- Water Supply and Drainage Networks
- Fire Fighting Systems
- All Electrical Systems
- Lighting Systems
- Low Voltage Systems
- High Voltage Systems
- BMS Systems
- Fire Alarm & Security Systems
- Street Lighting
- Natural Gas System
- Underground & Overhead Cabling

### Company Overview

Ecotherm Contracting LLC was established in year 2005 as electromechanical contracting company and was soon recognized by clients, major consultants, contractors and customers throughout the UAE.



## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

### CORE VALUES

The company's strategy and activities are guided by ECOTHERM'S core values. These values are set at corporate level and help shape all strategic and operational planning, organizational development, leadership and control across the organization - including Performance Management.

The core values are listed under the following 5 headings as follows:

1. Customer Service
  - The customers' needs are set before any other decisions, without prejudice to either customers or other stakeholders.
  - Customers' needs are to be met with flexibility and understanding.
  - Customers' queries are answered promptly.
2. Respect
  - All employees are treated equally & respectfully in ECOTHERM.
3. Value Addition
  - ECOTHERM creates effective ways of meeting customer needs and business requirements.
  - The organization's employees seek to achieve excellence in all spheres of business activity.
  - Problems are solved innovatively.
  - Business goals are achieved through a culture of team work.
  - Employees support each other to achieve organizational objectives at all levels.
4. Morale
  - ECOTHERM always strives to build trust and credibility through its employees' actions and words.
  - Trust is built between the Management and employees as well as amongst vendors.
  - Transparent communication at all levels is encouraged.
  - Confidential information is closely guarded where the benefit of the organization is at stake.
  - The company's image reflects the morale and work ethics of management and employees.
5. HSE Values & Environment Commitment
 

Demonstrating innovative and competent HSE management is a prime tool for gaining and retaining employee, community, public, and customer reference. ECOTHERM protects the environment through its HSE systems and safe working environment.

### VISION & MISSION


#### VISION

To be named as one among the leading MEP contractors in Middle East & U.K with no concession in quality of our services & achieving our jobs in the most developed environmental friendly techniques.

#### MISSION

- Ensure the good service and integrity of the Company, Staff and Assets with emphasis on both UAE National and international development.
- Provide all products & services in accordance with the International HSE Standards and Quality Management Systems (OHSAS 18001, ISO 14001 and ISO 19001) and market trend.
- Strengthen cooperation with other Stakeholders.

## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSMA01

## 2 References

References are made, throughout this Manual, to procedures and key processes, which are applicable to the QEHS Management System using:

- 2.1 ISO9001:2008 Standards
- 2.2 ISO14001:2004 Standards
- 2.3 OHSAS18001:2007 Standards
- 2.4 Abu Dhabi EHSMS Regulatory Framework version 2.0
- 2.5 Abu Dhabi EHSMS Regulatory Framework Technical Guideline, process of Risk Management Version 2.0

## 3 Definitions

Terms used as policy, objectives and targets, management program, etc, will carry the same meaning as defined in ISO9001:2008, ISO14001:2004 and OHSAS18001:2007 Standards.

## 4 Quality, Environmental, Health and Safety Management System (QEHSMS)

### 4.1 Integrated management system (IMS)

Ecotherm Contracting LLC has established an Integrated Management System (IMS) which is the Quality, Environmental, Health & Safety Management System (QEHSMS) in order to ensure that the company:

- Meets or exceed the requirements and expectations of its customers.
- Continuously monitors, measures and improves customer satisfaction.
- Continuously monitors, measures and improves its own performance.

Through meeting these objectives, ECOTHERM seeks to manage the effective implementation of their MEP contracting services.

The effectiveness of the IMS is regularly audited, reviewed and improved in accordance with ISO9001, ISO14001, OHSAS18001 and needs of the business.

ECOTHERM will fulfill its environmental management system objectives through the adoption and implementation of a range of environmental management techniques including appropriate procedures, programs and technologies.

Where processes/services are outsourced (e.g. management system consultancy, labor supply, Health and Safety support etc) appropriate control over these processes is implemented. This includes vendor evaluation and selection, product verification and subcontractor monitoring/ feedback.

### 4.2 Documentation requirements


#### 4.2.1 General

The documented system of ECOTHERM comprises:

- The integrated management system manual.
- Documented statements of QEHSMS policy and objectives
- QEHSMS Procedures and specific Health & Safety Procedures
- Work instructions (Method Statement) and HS Operating Procedures



## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

- Working forms
- Records that provide evidence

### 4.2.2 QEHSMS manual

The manual (ETC-QEHSM-MA01) details the objectives, policies, scope and management responsibility for the company and outlines the methods used to comply with the requirements of the Management System. References are made to procedures as applicable throughout the manual.

### 4.2.3 Control of documents

The majority of the company's QEHS documents are stored in an electronic format. In line with this management of electronic documents, a computer backup system is used to provide appropriate document and data protection.

All controlled documents are approved, reviewed, updated and controlled in accordance with ETC-QEHSP-MA01, Control of Documents. Only the latest issue of any document is maintained. All original superseded documents will be identified accordingly by putting OBSOLETE stamp and filed in the obsolete file.

Changes to controlled documents are made in accordance with ETC-QEHSP-MA01. A register is kept for all controlled documents and hard copies of the manual and associated procedures/ process documents are maintained as reference controlled copies.

Where process documents are more widely distributed as controlled copies (e.g. Method Statement), these are logged and updated in a controlled manner through an Internal Document Transmittal Sheet (ETC-QEHSF-MA63).

Documents of external origin, determined by the organization to be necessary for the planning and operation of the integrated management system are also appropriately controlled.

### 4.2.4 Control of records

The control of records and data that provide evidence of conformance to requirements and the effective operation of the quality of services, documented in ETC-QEHSP-MA02, Control of Records.


All documents referenced from ETC-QEHSP-MA02 are stored in either hard copy or electronic form for the retention time specified. This retention time is based on business, regulatory and customer requirements. The data is stored in such a way as to allow easy cross-reference and retrieval, with key records stored on computer systems being backed up periodically through Ecotherm IT facilities.

## 5 Management responsibility

### 5.1 Management commitment

Management commitment to the development, implementation and improvement of the management system is demonstrable through the continual communication of quality requirements, establishing and support of quality policy and objectives, the full participation in management reviews, and the provision of appropriate resources.

## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

Legal and other applicable requirements have been taken into account in the implementation and maintenance of ECOTHERM Integrated Management System. Further details of the identification, monitoring and determination of these requirements and how they apply to the environmental aspects of the organization are documented in Environmental, Legal and Communication Aspects Procedure ETC-QEHSP-MA08. Legal and other related requirements are reviewed during Management Review.

### 5.2 Customer focus

Customer satisfaction is monitored and enhanced through ensuring customer requirements for the services offered are determined and understood (whether fully specified or not). Customer satisfaction is monitored using appropriate and documented measures, ETC-QEHSP-PM11.

### 5.3 Quality, Environment Health & Safety policies

Appropriate policies has been produced, reviewed and approved to ensure that they appropriate to the business, demonstrates commitment to the achievement of quality. Health & Safety and environmental requirements and support continual improvement. The policies are also used to provide a framework for quality objectives.

The Policy Statements have been signed by the Managing Director and are on display in the office and distributed to the employees thru Policy card. Policies are available to the public upon request.

### 5.4 Planning

#### 5.4.1 Quality, environmental and health & safety management system objectives

Measurable objectives have been formulated and communicated to all personnel as appropriate using ETC-QEHSP-MA03 QEHS Policy and Objectives Deployment. Procedures, processes and management system controls have been developed to help ensure that these objectives are met. The results of management system effectiveness and customer satisfaction monitoring is analyzed and reviewed in conjunction with these objectives.

Specific environmental and Health & Safety objectives and targets have been documented and communicated. These objectives are measurable (where practicable) and include commitments to prevention of pollution, compliance with applicable legal requirements and continual improvement. Targets and objectives in relation to the Quality, Environmental and Health & Safety management system are set and monitored via Management Review. Review of objectives takes into account significant environmental aspects, Health & Safety risks, technology, operational and business requirements and inputs from interested parties.

The Environmental and OH&S procedures describe how Environmental and OH&S objectives and targets are set and monitored. When establishing and reviewing its objectives, the company will consider legal and other requirements, its significant environmental aspects, its technological options and its financial, operational and business requirements, and the views of interested parties.


#### 5.4.2 Management system planning

Organization has established plans, identifying resources, needed to achieve the quality objectives. Quality planning covers the following issues:

- The processes of the quality management system, considering permissible exclusions



## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

- The resources needed
- Continual improvement of the quality management system

Planning ensures that change is conducted in a controlled manner and that the integrity of the QEHS management system is maintained during such changes.

### 5.4.2.1 Environmental aspects

The company has written environmental procedures to identify all environmental aspects of its activities. These aspects are listed, evaluated and those deemed to be significant are clearly identified and controlled.

### 5.4.2.2 Hazard identification, risk assessment and control

The company has established procedures for the identification of hazards and the assessment of risks (ETC-QEHSP-MA10) and the implementation of necessary control measures. These include:

- routine and non-routine activities;
- activities of all personnel having access to the workplace (including subcontractors and visitors); and
- facilities at the workplace, whether provided by the company or others.

### 5.4.3 Legal and other requirements

The company has written environmental and OH&S procedures to identify legal and other requirements that apply to the environmental aspects of its business.

The identification of applicable legal requirements and their application and compliance in relation to environmental aspects of the organization is managed in accordance with Legal and other requirements Procedure (ETC-QEHSP-MA08) and an associated Environmental and Health & Safety Legislation Register.

### 5.4.4 Environmental and OH&S management program(s)

The company has written environmental procedures that describe how it plans to meet its environmental and OH&S objectives and targets.

A program for achieving environmental and Health & Safety objectives has been established. This includes responsibilities, time scales and methods and is appropriately maintained. This is supported by an Environmental Aspects and Impacts Register and Health & Safety procedures.


## 5.5 Responsibility, authority and communication

### 5.5.1 Responsibility and authority

5.5.2 The responsibilities of key staff are generally defined by job role description/contract of employment. Core responsibilities are detailed below. Individual operational responsibilities of other personnel are defined in the relevant operational procedures.

Changes to roles and responsibilities are made in accordance with ETC-QEHSP-MA13.

## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSMA01

### Managing Director

The Managing Director is ultimately responsible for quality of service delivery and ensuring all Company employees are aware of the Company's Quality Policy. Responsibilities include the following:

- Establishing the long-term strategy and policy for the company's operations.
- Ensuring that the company has the competence and resources to fulfill its business and management system objectives, and to deliver against the agreed strategy.
- Monitoring, measurement, analysis, review and improvement of the performance of the company's operations against the core measurable quality objectives, and against the overall company objectives.
- Health & Safety as defined within the company Health & Safety Policy.
- Personnel / provision of adequate resources.

The Managing Director has appointed a Management Representative (MR) with responsibility and authority for managing the Integrated Management System. The Managing Director will deputize in carrying out routine Quality management activities in the absence of the Management Representative.

### Management Representative (MR)

*The Management Representative is responsible for:*

- Ensuring the Company's quality system remains effective and continues to meet the quality policy, quality objectives and requirements of the business.
- Overseeing the Internal auditing process.
- Providing appropriate input to periodic management reviews.

Management Representative shall be as appointed by the Managing Director. Overviews of these responsibilities are outlined in section 5.5.3 below.

Other responsibilities include the implementation and active participation in individual's awareness and understanding of the Company's Quality, Environment, Health & Safety system.

### Human Resources


Provide support to supervisors and staff to develop the skills and capabilities of staff through training and awareness or identifying their competency and development opportunities. Monitor staff performance and attendance activities. Coordinate staff recruitment and selection process in order to ensure a timely organized and comprehensive procedure is used to hire staff. Provide information and assistance to staff, supervisors and Council on human resource and work related issues like promoting workplace safety.

### Electrical/ Mechanical Technical Managers

The Electrical/ Mechanical Technical Managers are responsible for the operational activities both within the company and on-site locations. This includes quality of work, allocation of suitably trained and qualified staff, adherence to set procedures, co-ordination of all site related activities / requirements, including Health & Safety concerns and Legislative and Regulatory requirements. Where some of the above is delegated to assigned staff, this is identified in related procedures.



## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

### Project Manager

The Project Manager is responsible for the operational activities on-site location/s. This includes quality of work, allocation of suitably trained and qualified staff, adherence to set procedures, co-ordination of all site related activities / requirements, including Health & Safety concerns and Legislative and Regulatory requirements. Where some of the above is delegated to assigned staff, this is identified in related procedures.

### Purchasing

The purchasing team is responsible for all purchasing and purchase related activities. This includes; office / general consumables, Health & Safety standard issue items (Clothing, PPE etc), subcontract services, supplier evaluation, and the integrity, storage and stock control of deliverables.

### Health & Safety Engineer


The Health & Safety Engineer is responsible for:

- Implementation of the company's Health & Safety regime as dictated by legislative directives.
- Ensuring safe working practices are satisfactorily implemented and supervised as appropriate to individuals understanding and training.
- Undertaking of site risk assessments.
- Investigating, recording and reporting services related accidents, near misses and individuals ill health potentially resulting from work undertaken.
- Establishing continuous dialogue with employees with respect to Health & Safety concerns, issues and in-house training, and the maintenance of records to support such undertakings.
- Ensuring Health & Safety Directives are followed.
- Advising senior management and concerned parties of changes in Health & Safety legislation, codes of practice and industrial related standards.
- Reporting details of accidents, dangerous occurrences or diseases that are notifiable to the enforcing authority.
- Liaising with external consultants on Health & Safety issues which may be detrimental to the staff or company.
- Liaising with external organizations, including emergency services etc, as applicable.
- The maintenance of a schedule of statutory examinations of plant and equipment and informing managers of impending examinations.
- The maintenance and calibration of Health & Safety equipment etc.

### Drivers / Site Engineers

Drivers / Site Engineers are responsible for undertaking assignments as defined / directed by the issue of job sheets and conforming to site / client directives including specified Health & Safety constraints / directives. They are also responsible for the completion of all site related documentation specific to the job / driver activities. Drivers are also responsible for the daily roadworthiness of assigned vehicle and auxiliary service equipment as per the statutory rules laid down by the ADEHS. Identified concerns are recorded and notified to the appropriate manager for rectification.

## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSMA01

### Internal Auditors

The Internal Auditor is responsible for auditing of management system processes and reporting audit findings to the Management Representative.

### Employees

It is the duty of all employees to act within the legal responsibilities imposed upon them and the company Quality, Environmental and Health & Safety Policies. All employees are to be familiar with the management system policies and procedures of the company.

### Visitors / Business Partners (Suppliers)

Visitors / Business Partners (Suppliers) are made aware of the Management System, company policy and procedures. During their time on ECOTHERM sites, all visitors are to conduct their business with due consideration to create a minimum impact on the environment and observe the ECOTHERM IMS Policies.

The company structure is documented in an organization chart. See Appendix 1

### **5.5.3 Management Representative (MR)**

The Management Representative (MR) is the appointed Ecotherm Contracting staff by the Managing Director.

In addition to other responsibilities, the MR has the authority and responsibility for the implementation and maintenance of the QEHSMS in accordance with ISO9001, ISO14001 and OHSAS18001 requirements.

In this respect, the Management Representative has general responsibility for:

- Implementation, operation and maintenance of the QEHSMS.
- Reporting the effectiveness of the QEHSMS to the management during the Management Review meeting.
- Promoting customer, environmental, health and safety awareness throughout the organization.
- Identifying areas of business and QEHSMS improvement.
- Facilitating the implementation of preventive and corrective actions.
- Control of records
- Management of audits
- Liaison with external parties on matters relating to the QEHS management system (e.g. certifying body, third party audits, etc.)


*Note: In line with ISO 9001:2008, the role of Management Representative must be a member of the 'organisations management' and can no longer be 'subcontracted' to an external consultant. The internal auditing activity can be provided via either internal, trained (competent) resource or via an external consultant.*

### **5.5.4 Communication**

The Managing Director will ensure that information regarding the performance and effectiveness of the Management System is communicated, through the Management Representative, to the



## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

organization. Key business information, performance against targets and effectiveness of the QEHSMS is communicated directly to the Managing Director who then decides if a meeting is needed. This information is cascaded throughout the company as appropriate by hardcopy and electronic means.

The process for internal communication of environmental requirements and the management of external environmental communications is documented in Communication, Consultation and Participation Procedure ETC-QEHSP-MA14. This includes:

- internal communication among the various levels and functions of the organization;
- communication with contractors and other visitors to the workplace; and
- receiving, documenting and responding to relevant communications from external interested parties.

## 5.6 Management Review

### 5.6.1 General

The continued suitability, adequacy and effectiveness of the Management System (MS) are reviewed by Higher Management at least annually or after the complete execution of internal audit. This will include an assessment of any improvement opportunities and the need for any changes to the MS, including policy and objectives. A record of all Management Review Meetings is maintained.

### 5.6.2 Review input

The management reviews include periodic review of current performance and improvement opportunities related to:

- Results of audits
- Customer feedback
- Process performance and product conformance
- Status of preventive and corrective actions
- Follow-up actions from earlier management reviews
- Changes that could affect the quality management system
- Recommendations for improvements
- Resource requirements
- Any other matters relating to QEHS


### 5.6.3 Review output

The outputs from this review will include actions and decisions in relation to:

- Improvements in the effectiveness of the IMS.
- Required resources / training requirements.
- Required audits.
- Customer service and delivery improvements.

Further details are given in the Management Review procedure, ETC-QEHSP-MA04.

## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

In addition to the annual review, a document review will be carried out in the event of:

- An incident or accident occurring on a site or notified to ECOTHERM from external sources that may indicate that a change of the document is required.
- Information collated that indicates that a review may be required.
- Organizational change sufficient to require significant alternation.
- Changes to the scope of or nature of the operations of ECOTHERM.
- Unsatisfactory audit report.
- Notification from clients or other sources of revisions to the Standards that indicate changes are required.
- Update on relevant legislation.

Any updated EHS legislation or standards will be identified and reviewed by the MR and where relevant, brought to the attention of the company management whenever necessary. Where updated legislation/standards affect the company, changes are agreed and amendments to procedures undertaken by the MR. Information from these changes will be communicated to all staff orally by briefings or toolbox talks, and where relevant, in hard copy formats and controlled documents.

Under the direction of the Managing Director, changes arising from the review will be process by the relevant manager for that particular area of responsibility. However, where changes will require formal validation, the Safety Consultant will coordinate these.

### 5.7 Accidents and incidents


The system for the identification of potential accidents, incidents and emergency situations is through risk assessment in accordance with ETC-QEHSP-MA10. At introduction of new contract / working practices, procedures are established to deal with potential accidents/incidents from specific hazards, identified from experience. Risks are assessed on an on-going basis and as work proceeds. Using the risk assessments identified, the company uses its expertise to provide method statements that include recognized emergency procedures (ETC-QEHSP-MA11). These are then briefed to all site staff including any subcontractors.

When an accident/incident/Near Miss occurs, the accident reporting procedure is used to investigate and remedy the cause. Reporting is as per the procedure ETC-QEHSP-MA12. The company will assist and provide any records to regulatory bodies, i.e. Police, Dept. of Municipal Affairs Abu Dhabi and other relevant Govt. Agencies including Ministry of Labor (in case of major injury or death of a worker), and HSE, within 24 hours as requested.

On individual contracts a client may specify contract specific arrangements for accident and incident reporting including communication arrangements. When an accident or incident occurs the client must be informed as soon as possible and in accordance client incident reporting procedures. The results of investigations are integrated into systems at the earliest opportunity. Senior management will meet on a monthly basis to review the causes of accidents and corrective and preventive actions implemented to address them. This review may lead to changes in working practices and staff information briefings to ensure that the root cause is understood and addressed.



## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

Investigations will be undertaken by the company MR in accordance with Health & Safety procedure ETC-QEHSP-MA12.

## 6 Resource Management

### 6.1 Provision of Resources

Higher Management are responsible for providing the necessary resources in terms of both personnel and equipment to ensure that the processes outlined in the IMS are carried out throughout the entire service realization process. Resources are the people, infrastructure, work environment, information, suppliers and partners, and financial resources.

Trained auditors are used to ensure that the QEHSMS is followed and that improvements that enhance customer satisfaction are carried out in a controlled manner.

Auditing is carried out by personnel independent of the process being assessed.

### 6.2 Human Resources

#### 6.2.1 General

It is ECOTHERM policy that personnel performing work affecting quality are competent based on appropriate education, training, skills and experience. This is verified through audit and review, and is recorded as appropriate in an individual's personnel file.

NOTE: Conformity to product requirements may be affected directly or indirectly by personnel performing any task within the integrated management system.

#### 6.2.2 Competence, awareness and training

The resource and competency requirements for tasks or roles that affect quality are evaluated and recorded by way of job descriptions/contracts of employment and the relevant quality records i.e. skills matrices and training and personnel records. The effectiveness of training carried out is recorded and evaluated through the competence that has been achieved.

Control of the training process is in accordance with procedure ETC-QEHSP-HR01.


All new employees are taken through an induction process to comply with quality, environmental, health & safety requirements. The induction also covers company background, product / service, safety awareness and customer familiarization.

Training is available for all employees and is planned and recorded by the use of skills matrices / individual training records. The effectiveness of both internal and external training is evaluated and recorded, and subsequent corrective actions are implemented as required.

A review of training effectiveness and ongoing requirements is carried out at least annually and training records are maintained.

### 6.3 Infrastructure

## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

All functional areas are provided with the infrastructure required to achieve conformity to business and quality requirements. This includes buildings, workspace, equipment, vehicles, communications, information systems and supporting services.

The suitability of buildings, equipment, plant, machinery and workspace is reviewed during management review and periodic internal management meetings.

### 6.4 Working environment

Appropriate working environments have been considered and implemented in achieving service conformity. These include appropriate office space, IT infrastructure, utilities and facilities. Health & Safety issues are considered and appropriate practices implemented to ensure safe working conditions.

NOTE: The term "work environment" relates to conditions under which work is performed including physical, environmental and other factors (such as noise, temperature, humidity, lighting, or weather).

Health & Safety elements of work environment are controlled / implemented through the Safety procedures **ETC-QEHSP-PM17 (Operational Control Procedure)**.

## 7 Product and service realization

### 7.1 Planning of product and service realization

Planning of product (output material) and service realization is carried out at the initial phase of a major contract or the introduction of waste / output materials. This process may include the review and planning of quality objectives and requirements for the output material / service, the documents and resources required. The planning of output material and service realization also includes the required verification, validation, monitoring, measurement, inspection and test activities specific to the service and the criteria for output material acceptance.

For any major new projects, project management activities and planning is carried out during the concept phase of a project.

### 7.2 Customer related processes

#### 7.2.1 Determination of customer requirements


ECOTHERM review all enquiries, specifications and contracts received from customers to ensure that their requirements can be met in full and any ambiguities resolved. This determination and capture of product requirements includes the clarification and agreement of customer requirements including activity scope and service requirements. Any requirements not specified by the customer but necessary for product or service implementation or compliance with any related statutory and regulatory requirements are also considered to be a part of this process.

Determination of output material / service requirements include the statutory and regulatory requirements applicable to the activity and any additional requirements considered necessary by ECOTHERM. This may include post service delivery activities. Post-delivery activities may include actions under contractual obligations such as support services and supplementary services.

#### 7.2.2 Review of customer requirements



**UNCONTROLLED COPY**

	Title of Document: <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
Date Issued: 4 Oct. 2014	Type of Document: Manual	Document Code: ETC-QEHSM-MA01

The management reviews the customer requirements related to the product demanded/ specified. The management ensures the review prior to commitment to supply product to the customer (e.g. submission of tenders/ quotations, acceptance of contracts or orders, acceptance of changes to contracts or orders). During review management ensures that:

- Product requirements are clearly defined and our Vendors have capability
- Where the customer provides no written statement of requirement, the order requirements are confirmed before acceptance
- Contract or order requirements differing from those previously expressed, e.g. in a tender or quotation, are resolved
- Vendors has the ability to meet the customer requirements for the product

The results of reviews and subsequent follow-up actions are recorded.

Organization ensures that relevant documentation is amended on changes in product requirements. The changed requirements are communicated to all relevant personnel.

Further details are given in procedure ETC-QEHSP-PU03.

### 7.2.3 Customer communication

Organization has defined and implement effective liaison with customers, with the aim of meeting customer requirements. Organization has defined communication requirements relating to:

- Product/ services information
- Enquiries, contracts and order handling, including amendments
- Customer complaints and their feedback

Further details are given in procedure ETC-QEHSP-PM10.

### 7.3 Design and development

**Excluded – no design or development activities are currently carried out by ECOTHERM.**


### 7.4 Purchasing

#### 7.4.1 Evaluation and selection of partners and suppliers

It is ensured that effective and efficient purchasing processes are defined and implemented for the evaluation and control of purchased items/ materials, in order that purchased products satisfy the organization's needs and requirements. The company controls its purchasing processes to ensure purchased service(s) conform to purchase requirements. The type and extent of control is dependent on the effect of the purchased product and service(s) upon final product. The company evaluates and selects suppliers based upon their ability to supply product and/or services in accordance with company's requirements. Evaluation, re-evaluation and selection criteria for suppliers are established. The results of evaluation and subsequent follow-up actions are recorded. A list of approved suppliers is maintained and their performance monitored.

ECOTHERM realize the importance of fostering good supplier relationships. All key suppliers have been made aware of requirements in terms of quality and regulatory requirements, delivery and price and they are encouraged to highlight any concerns they may have about meeting these requirements.

## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

The criteria for selection and evaluation of suppliers/vendors are contained in the Vendor Evaluation Procedure, ETC-QEHSP-PU01.

### 7.4.2 Purchasing information

Purchasing documentation contains information clearly describing the product and/or service(s) ordered. The company reviews and approves purchasing documents for adequacy of the specification of requirements prior to release.

Records of purchasing activities are maintained. Approval of purchase orders is in accordance with ETC-QEHSP-PU03.

### 7.4.3 Verification of purchased product

The company determines and implements the inspection or other activities necessary for ensuring that purchased product (offices equipments, inspection tools and other material) meets the specified requirements. Where Organization or the Organization's customer proposes to perform verification activities at the supplier's premises, the company specifies the required verification arrangements and method of product release in the purchasing documentation.

Where appropriate, an incoming inspection will be carried out in accordance with ETC-QEHSP-PU03.

## 7.5 Production and service provision

### 7.5.1 Control of product and service provision

ECOTHERM plans and carries out the activities/ service/ material provision under controlled conditions. Controlled conditions include:

- Availability of specifications that define the characteristics of the product/ services.
- Availability of work specifications (use external/ customer supplied as well) or the use or method statement (where necessary)
- Use and maintenance of suitable equipment
- Availability and use of suitable measuring and monitoring equipment
- Implementation of suitable monitoring and measurement activities
- Implementation of defined processes (standard working methods) for release, delivery and post delivery activities

### 7.5.2 Validation Process


ECOTHERM determines and validates any processes where the resulting output cannot be readily or economically verified by subsequent monitoring, inspection or testing. This includes any product/ service where processing deficiencies may become apparent only after product is in use or the service has been delivered.

The process validation activities include:

- Defined criteria for review and approval of processes
- Approval of equipment and qualification of personnel



## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

- Use of specific methods and procedures
- Requirements for records
- Re-validation for those material/ service that does not comply with the specification, customer requirements or environmental directives at any stage.

### 7.5.3 Identification and traceability

The company makes provision for identifying status of products/ samples receive from the different vendors, where applicable, by suitable means throughout tag and unique labels. The status of the product with respect to measurement and monitoring requirements is identified during all stages of service provision. Also to ensure traceability of products, the unique identification of products or their batches/ lots are controlled and recorded.

### 7.5.4 Customer property

If applicable, ECOTHERM shall identify, verify, protect and safeguard customer property provided for use or incorporation into the product. If any customer supplied product is lost, damaged, or otherwise found to be unsuitable for use, the organization shall report this to the customer and maintain records.

All employees are responsible for taking care of customer's property at all times. Free issue material or property is treated as if received from a supplier.

### 7.5.5 Preservation of product

Company ensures that during external processing (with our vendors) and final delivery of product or services to the intended destination, the conformity of product/ services with requirements is maintained. This includes product identification, packaging, storage, preservation and handling (The relevant records are given by to us our vendors). This also applies to parts or components of the product and training material and other necessary documents.

PPEs are required for handling hazardous materials. The procedure for handling, storage, identification and protection of materials are implemented accordingly. (ETC-QEHSP-PM13, ETC-QEHSP-MA10)


Material Waste Management/ waste disposal are in adherence with the Main Contractor's program for the site/project. Non Hazardous and Hazardous waste shall be stored separately in the designated storage area at the Ecotherm Contracting LLC provided by the Main Contractor. For Head Office, all wastes/ garbage are disposed in the building's designated garbage room chute, separating the empty ink container and used CD's for disposal.

### 7.6 Control of monitoring and measuring devices

In order to provide confidence in the measurement data, the measuring and monitoring processes include confirmation that the devices are fit to use and are maintained to suitable accuracy and accepted standards, as well as a means of identifying the status of the devices. All measuring and monitoring equipment used for verification of products and for monitoring processes are regularly calibrated and-or checked. A list of such equipment is maintained.

All equipment / vehicles that are used for ECOTHERM purposes, Health & Safety purposes, inspection, measuring and testing to demonstrate the conformance of the service process are controlled and calibrated.

**UNCONTROLLED COPY**

	Title of Document: <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
Date Issued: 4 Oct. 2014	Type of Document: Manual	Document Code: ETC-QEHSM-MA01

The equipment is calibrated in accordance with an approved written calibration schedule. Calibration standards are traceable to recognized national/ international standards. The company provides the basis for the standards used where no national standards or certified master standards exist. Complete calibration records are documented and maintained. Records are evaluated periodically to ascertain adequacy of calibration, inspection levels and calibration methods in use. All measuring and test equipment are identified with a tag, sticker, marking or other suitable identification to indicate their calibration status. If it is not possible to put an identification mark, the calibration status is recorded on an appropriate quality document, which is traceable through an indexing system. Where equipment is found to be defective or out of calibration, the results of the previous inspections are reviewed and appropriate action is taken. All equipment is safeguarded to avoid unauthorized adjustments and calibration.

## **8 Measurement, analysis and improvement**

### **8.1 General**

Monitoring, measurement, analysis and improvement activities are implemented to demonstrate conformity of services from initial Customer contact through to final acceptance of implemented services / delivered materials.

Monitoring, measurement, analysis and improvement processes will also be implemented to demonstrate conformity and potential improvement of the management systems. Further details are given in the material submittal, shop drawing submittal procedure, inspection procedure, handling of delivered material which includes Corrective and Preventive Action.

ECOTHERM monitors and measures aspects of activities that affect site/project activities regularly through a process of pro-active and reactive arrangements.

Pro-active monitoring includes monitoring of systems for installation, commissioning and testing, risk controls and workplace precautions.

Reactive monitoring includes monitoring of accidents, ill health, incidents, deficiency in Safety, Health and Environmental issues.

### **8.2 Monitoring and measurement**

#### **8.2.1 Customer Satisfaction**

The requirements of the customer are taken into account at all stages of service delivery, by the recording of customer acceptance, and monitoring of customer satisfaction. This is achieved by regular customer contact, monitoring of feedback and customer satisfaction surveying in accordance with ETC-QEHSP-PM11.


The data obtained from the above monitoring is reported in the form of metrics detailing customer satisfaction against targets set out by management review.

#### **8.2.2 Internal audit**

Internal audits are performed periodically to verify the use and effectiveness of the quality systems. The audit program is planned and published, taking into account the status and importance of the



## UNCONTROLLED COPY

	Title of Document: <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
Date Issued: 4 Oct. 2014	Type of Document: Manual	Document Code: ETC-QEHSM-MA01

processes to be audited as well as previous audit results. Internal audits are carried out in accordance with **Internal Audit Procedure ETC-QEHSP-MA05**.

### 8.2.3 Monitoring and measurement of processes and services

Monitoring and measurement of services is implemented to demonstrate their ability to achieve planned results. Where planned results are not achieved, corrective action is taken in a timely manner.

Where a process/ service can be monitored and measured directly, it will be conducted through measurement of process characteristics. A process that is unsuitable for direct measurement will be monitored through activities such as internal audit and review of customer satisfaction data (where appropriate). The trends recorded through process monitoring and measurement is reviewed at management reviews.

#### Proactive monitoring

The following monitoring arrangements are in place to ensure procedures and on site standards are achieved and the company safety management system is appropriately implemented.

Frequency	Action	Record	Responsibility
Weekly	Safety Tour	Safety Forms	Ecotherm Supervisor
Monthly	Safety Visits	Safety Forms	MR
Annually	Company Audit	Audit Reports	MR
Annually	Management Review	Management Review MOM	Director

The proactive monitoring is also to ensure compliance with:

- Legal requirements.
- Health & Safety rules.

#### Reactive monitoring


Reactive monitoring takes place of:

- Accident rates, injuries and cases of ill health.
- Damages to property/infrastructure.
- Incidents.
- Hazards.
- System (procedures and standards) performance.
- Lessons learned.

### 8.2.4 Monitoring and Measurement of Product

Ecotherm shall monitor and measure the characteristics of the product accepted to verify that product requirements have been met. This is carried out in accordance with ETC-QEHSP-PM08 (Inspection Procedure) and ETC-QEHSP-PM12 (Storage & Handling of Materials Procedure).

## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

Records shall indicate the person(s) authorizing acceptance of product for customer delivery.

The release or delivery of the product shall not proceed until the planned arrangements have been satisfactorily completed, unless otherwise approved by a relevant authority and, where applicable, by the customer.

### 8.3 Control of non-conformity

ECOTHERM ensures our service/process that does not conform to requirements is controlled to prevent unintended requirements. The controls and related responsibilities and authorities for dealing with non-conforming process are defined and documented. The nonconforming processes are dealt within the Company in any of the following ways:

- By taking actions to eliminate the detected nonconformity
- By authorizing its use, release or acceptance under concession by the relevant authority and where required by customer.
- By taking actions to preclude its original intended use or application

Records of nature of nonconformity and any subsequent actions taken are maintained. Any nonconforming product (coming from our authorized vendors) that has been corrected is subjected to re-verification to ensure conformity to the requirements. In case the nonconformity is detected after delivery, company takes action appropriate to the effects or potential effects of the nonconformity. Further details are also contained in procedure ETC-QEHSP-MA06.

Where non-conformity has an environmental aspect or has resulted in an emergency situation that has an environmental impact, this will be dealt with in accordance with Emergency Response Procedure ETC-QEHSP-MA11.


Where a system fault is identified, necessitating changes to documented procedures, the nature of the change is evaluated to establish its effect on interrelated processes and this Integrated Systems Manual document. Following any amendment, revised processes are issued and briefed to the relevant parties, as required.

Where the deficiency did not result from a defect in the system, other actions are taken, depending on the nature of the non-conformance, for example:

- Re-training of individuals or groups.
- Briefing of staff and contractors.
- Disciplinary action.
- Contract review with Subcontractors.



## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSMA01

### 8.4 Analysis of data and evaluation of compliance

Company collects and analyzes appropriate data to evaluate the suitability and effectiveness of the quality management system and to identify areas for continual improvement. This includes data generated and monitoring activities and other relevant sources. Decisions based on facts are based on effective and efficient use of appropriate statistical techniques. The analysis of data provides information on:

- Customer satisfaction and/or dissatisfaction
- Conformance to customer requirements
- Characteristics of processes and their trends
- Suppliers/ vendor performance

Evaluation of compliance with applicable legal and associated Environmental and Health & Safety requirements is also carried out and recorded on a periodic basis, primarily through the Management Review process.

### 8.5 Improvement

#### 8.5.1 Continual Improvement

Organization continually strives and improves the effectiveness of quality management system through the use of quality policy, quality objectives, audit results, analysis of data, corrective and preventive action and management review. The quality objectives are up-graded on routine basis for improving performance of different departments.

Improvements identified and implemented, and the resulting benefits are monitored and the results reported at the management review.


##### 8.5.1.1 Investigation and lesson learning

Personal accidents are dealt with and the findings of investigations being used to improve safety by onward briefing to staff, system improvements, and addressing the causes of the event. The process ensures that all incidents are reported to the Department Manager/ Project Manager / Site Supervisor.

Where significant incidents (including irregular working) occur, a documented investigation is carried out that is appropriate to the severity and scale of the incident. The investigation is led by the MR / Safety Engineer and includes:

- Review of the incident location.
- Review of any equipment used in the task.
- Review of control documentation (method statements, risk assessments etc).
- Review of written reports from involved parties and witnesses.
- Formal interviews with involved parties and witnesses.
- Identification of Immediate, Underlying (contributory) and Root causes of the incident.
- Consideration of other factors related to the incident.
- Development of recommendations to address the findings of the investigation and prevent recurrence.
- Agreement for delivery of recommendations by management, staff and contractors.

## UNCONTROLLED COPY

	<b>Title of Document:</b> <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
<b>Date Issued:</b> 4 Oct. 2014	<b>Type of Document:</b> Manual	<b>Document Code:</b> ETC-QEHSM-MA01

- Implementation of recommendations.

Preliminary work (initial investigation for perishable evidence, report gathering etc, implementing immediate action to address the cause) must be carried out as soon as possible. Full investigation is then carried out to establish the root causes and identify and implement longer-term preventive measures.

Implementation of actions and recommendation can include:

- Changes to equipment and/ or processes.
- Changes to documented procedures.
- The addition of suppliers involved to the 'Prohibited Suppliers' list (used in conjunction with the approved supplier list).
- Changes to organization structures.
- Re-training of involved parties.
- Staff and contractor briefing.

The arrangements provide for the results of enquiries to be used to improve Safety by amendment to systems and briefing.

### 8.5.2 Corrective Action

Any nonconformity will be analyzed to develop corrective actions that eliminate cause and prevent recurrence. The procedure outlines for requirement for:

- Identification and review of nonconformities (including customer complaints)
- Determination of causes of nonconformities
- Evaluation of the need for actions to ensure that nonconformities do not recur
- Determination and Implementation of any actions necessary to ensure that nonconformities do not recur
- Recording results of actions taken
- Follow-up to ensure corrective action taken is effective and recorded

Customer complaints are recorded via the Reporting system (ETC-QEHSP-PM11) and are prioritised accordingly. The effective and timely implementation of corrective actions and complaint resolution is monitored.

### 8.5.3 Preventive Action


A review of key processes will be conducted through audit or as indicated by quality data. This review will be used to identify and eliminate potential non-conformities. The implementation and maintenance of effective procedures is also part of preventive action planning.

Development of preventive measures also occurs as part of the service provision and contract planning process (risk analysis). Risk assessments are produced for all new service operations / contracts. In addition, a process of continuous review is applied to all services and processes to identify possible improvement opportunities.

Further details of corrective and preventive action are given in ETC-QEHSP-MA07.

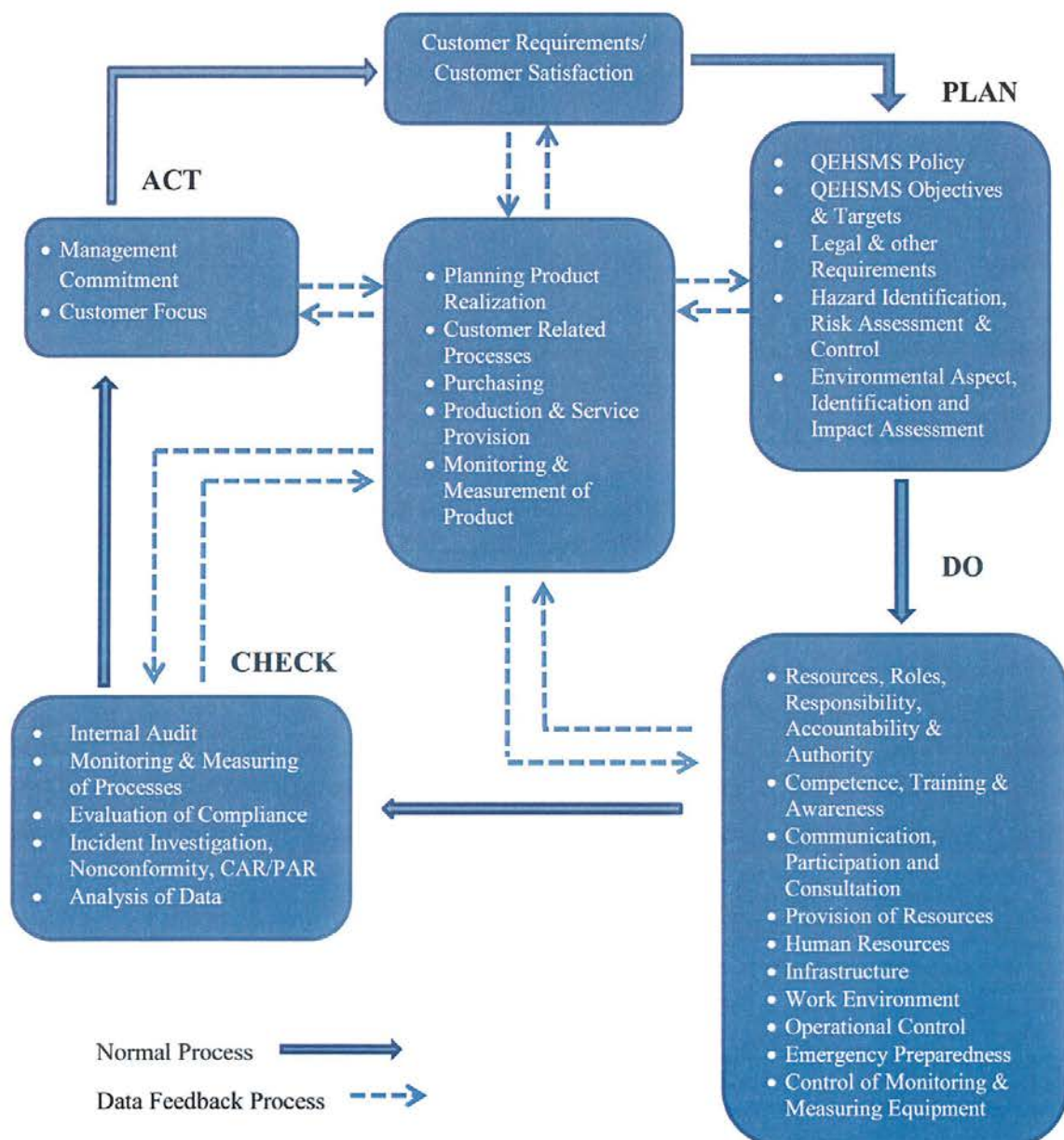


# UNCONTROLLED COPY

	Title of Document: <b>Quality, Environmental, Health &amp; Safety (QEHS) Management System Manual</b>	<b>Ecotherm Contracting LLC</b>
Date Issued: 4 Oct. 2014	Type of Document: Manual	Document Code: ETC-QEHSMA-MA01

## Appendix 1

### IMS Process Interaction Chart



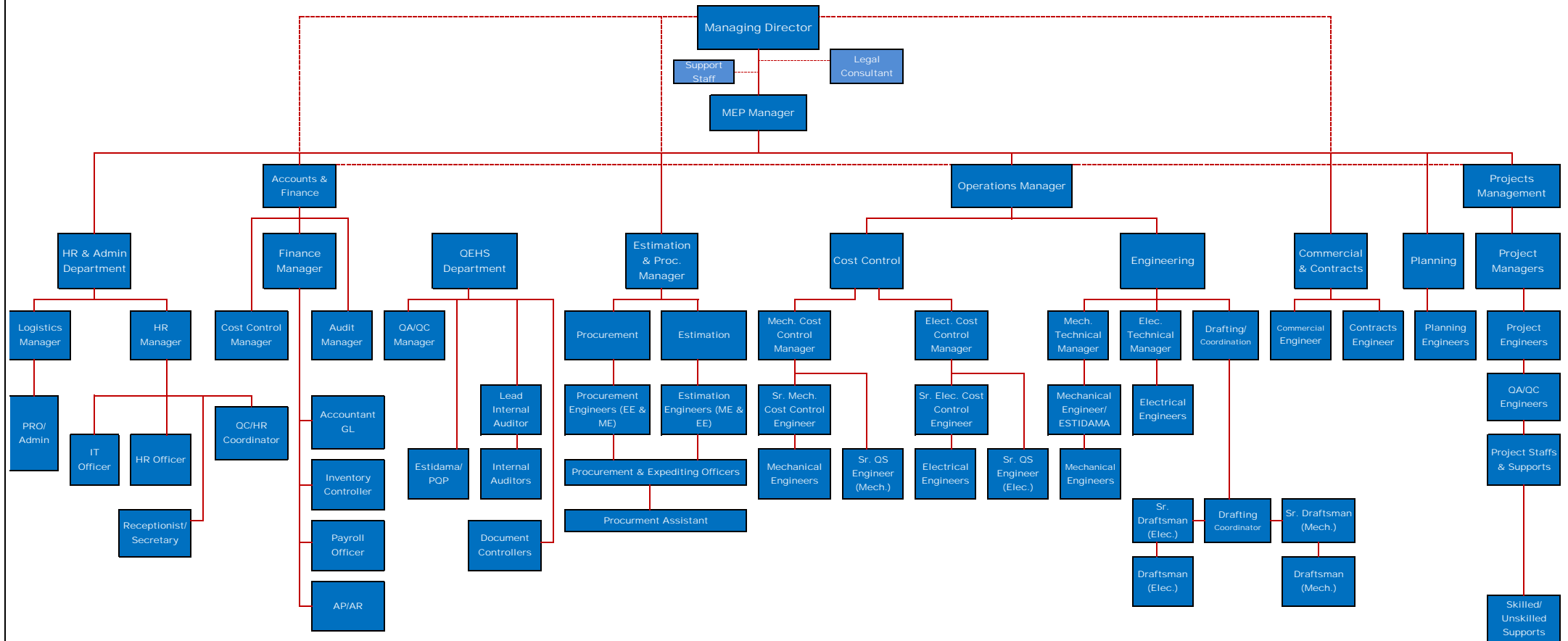


[www.ecotherm.ae](http://www.ecotherm.ae)

# ORGANIZATION STRUCTURE



# Ecotherm Contracting L.L.C. Organization Chart





[www.ecotherm.ae](http://www.ecotherm.ae)

# **KEY PERSONNEL PROFILE**





[www.ecotherm.ae](http://www.ecotherm.ae)

## **KEY PERSONNEL PROFILE**

Name : **Engr. Tareq Ziad Siam**  
Designation : Managing Director/ Partner  
E-mail Address : [tareqsiam@ecotherm.ae](mailto:tareqsiam@ecotherm.ae)

He is Jordanian and founder- director of Ecotherm Contracting LLC with over 13 years experiences in the UAE. His vast business experience in the field of estimation, design, purchasing, contracting, installation and commissioning of electrical, mechanical and public health services and operational maintenance of installed mechanical and electrical services and equipment stands him in good status in looking after the function of running the entire organization in a professional way. In 2010, he got his master's degree in Management, Marketing Communication (MMC) & Media in Paris Sorbonne. He acquired his Bachelor's Degree in Mechanical Engineering in 2001. He is a member of ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) and Jordanian Professional Engineering Association.

Name : **Engr. Abdel-Ghani A. Barakat**  
Designation : MEP Manager  
Contact Information : Office No. +971 2 6320202, Mobile No. +971 55 881 3910  
Fax No. +971 2 6322205  
E-mail Address : [a.barakat@ecotherm.ae](mailto:a.barakat@ecotherm.ae)

He is a licensed Jordanian mechanical engineer with over 20 years experiences in the MEP Project Management, Engineering & Design, Estimation & Proposals, Procurement, Planning, Contract Management & Variations, experience in Management & Administrative. He is Quality Management Representative and Lead Auditor expert. He is persuasive in dealing with all levels of management, peers, staff, and a diverse clientele, proven leadership capabilities in meeting client/ main contractor's satisfaction, technically proficient in MS Office (Word, Excel, Power Point - Professional), excellent in AutoCAD, Web Design, Photoshop and Internet and e-mail technologies. Fluent in Arabic & English language.



[www.ecotherm.ae](http://www.ecotherm.ae)

Name : **Engr. Samer Mahmoud Shehadah Mahmoud**  
Designation : Operations Manager  
Contact Information : Office No. +971 2 6220013, Mobile No. +971 55 1667076  
Fax No. +971 2 6322205  
E-mail Address : [samer.mahmoud@ecotherm.ae](mailto:samer.mahmoud@ecotherm.ae)

He is a qualified Jordanian mechanical engineer with over 8 years experiences in the MEP works with specialization in Thermal Power Engineering. He possessed strong Mechanical design and engineering experience in district cooling plant network, HVAC (cooling, ventilation, & pressurization), plumbing and water supply. With good design experience for plant piping, process plants and infrastructure including hydraulic, thermal and stress analysis. He has good experience also in electrical, control & instrumentation, BMS and FOC, He is knowledgeable in computer software/ analysis tools such as CESAR, SAP, HAP & Design Tools. Well verse in ASHREA, ASME, API, ASTM, BS and ASPE. He can speak and write good Arabic and English languages.

Name : **Engr. Karimmudin Khaja Mohammed**  
Designation : MEP Estimation & Procurement Manager  
Contact Information : Office No. +971 2 6320202, Mobile No. +971 52 9800748  
Fax No. +971 2 6322205  
E-mail Address : [karimuddin@ecotherm.ae](mailto:karimuddin@ecotherm.ae)

He is a qualified Indian mechanical engineer with over 11 years experiences in the field of MEP estimation and procurement. He studied various drawings and specifications and submitted detailed tenders for all MEP works. He is knowledgeable in Carrier E20 Block Load, Auto CAD, Microsoft Office Applications. He can speak and write good English and Urdu languages.

Name : **Engr. Engr. Ghassan Abu Dahloush**  
Designation : Site Technical Support & Authorities Manager  
Contact Information : Office No. +971 2 6320202, Mobile No. +971 55 2667797  
Fax No. +971 2 6322205  
E-mail Address : [ghassan@ecotherm.ae](mailto:ghassan@ecotherm.ae)

He is a qualified Syrian licensed electrical engineer (Authorized by ADDC under Number RAD110709) with over 11 years experiences in the electrical works at site. He is knowledgeable in Auto CAD, Web Design, Microsoft Office, Photoshop, & Website Surfing. He can speak and write Arabic and English language.

## Manpower Data

Professional Discipline	Number
<b>Managing Director/ Partner</b>	<b>1</b>
<b>Engineers:</b>	
<b>MEP Manager</b>	1
Commercial & Contracts Manager	1
Planning Manager	1
Planning Engineer	1
QHSE Manager	1
Quality System Coordinator	1
Site Technical Support & Authorities Manager	1
<b>Engineering &amp; Design Manager</b>	1
Technical Coordinator	1
Estidama- PQP	1
MEP Estimation & Procurement Manager	1
Mechanical Estimation & QS Engineer	1
Electrical Estimation & QS Engineer	1
Mechanical Design & Cost Control Manager	1
Mechanical Engineers (Design & Cost Control)	3
Electrical Design & Cost Control Manager	1
Electrical Engineers (Design & Cost Control)	5
Electrical Engineers (Design & Estimation)	1
<b>Operations Manager</b>	1
MEP Project Manager	3
Mechanical Project Manager	3
Electrical Project Manager	3
Senior Electrical Engineer	4
Senior Mechanical Engineer	8
Site Electrical Engineer	6
Site Mechanical Engineer	6
Safety Engineer	1
QA/QC Engineer	7
<b>Total Engineers:</b>	<b>67</b>



<b>Engineering Supports:</b>	
Mechanical Draftsman/QS	11
Electrical Draftsman	6
Mechanical Supervisor	7
Electrical Supervisor	9
QA/QC Inspector	1
Senior Safety Officer	1
Safety Officer	2
Store Keepers	6
<b>Total Engineering Supports</b>	<b>43</b>
<b>Other Supports:</b>	
Logistics Manager	1
Finance Manager	1
HR Officer	1
Accountant General	1
PRO	1
Procurement Assistant	3
Document Controllers/Secretary	4
Document Controller	4
<b>Total Supports:</b>	<b>16</b>
Skilled Workers	200
Labor Supply	600
<b>Over-all Total Employees:</b>	<b>926</b>



[www.ecotherm.ae](http://www.ecotherm.ae)

# **TRADE LICENSES**

مركز أبوظبي للأعمال  
Abu Dhabi Business Center

دائرة التنمية الاقتصادية  
DEPARTMENT OF ECONOMIC DEVELOPMENT



## Commercial License

## رخصة تجارية

License No :	CN-1072269	رقم الرخصة :
Unified ID for ADCCI :	202704	الرقم الموحد لعضوية الغرفة :
Legal Form :	Limited Liability Company	الشكل القانوني : شركة ذات مسؤولية محدودة
Trade Name :	Eco Therm Contracting.Llc	الإسم التجاري : إيكو ثيرم للمقاولات - ذ م م
Issue Place :	Abu Dhabi	مكان الإصدار : أبو ظبي
Establishment Date :	31/05/2005	تاريخ تأسيس المنشأة :
Issue Date :	06/08/2015	تاريخ الإصدار :
Expiry Date :	05/08/2016	تاريخ الإنتهاء :

نوع الشراكة Partner	الجنسية Nationality	الوصف Description	الرمز No.
شريك Partner	الإمارات العربية المتحدة United Arab Emirates	- -	20007871
شريك Partner	الأردن Jordan	- -	20038067

Commercial Activities :	الأنشطة التجارية :
- Onshore And Offshore Oil And Gas Fields And Facilities Services	- خدمات حقول ومشاريع النفط والغاز البرية والبحرية
- Buildings General Maintenance	- الصيانة العامة للمباني
- All Kind Building Projects Contracting - Fifth Category	- مقاولات مشاريع المباني بأنواعها - الفئة الخامسة
- Metal construction contracting - Fifth Category	- مقاولات الإنشاءات المعدنية - الفئة الخامسة
- Cooling And Air-Conditioning Systems Installation And Repair Contracting - Third Category	- مقاولات تركيب وإصلاح نظم التبريد وتكييف الهواء - الفئة الثالثة
- Submain Sewerage Networks And Houses Connection Contracting - Fifth Category	- مقاولات شبكات الصرف الصحي الفرعية وتوصيلات المنازل - الفئة الخامسة
- Electrical Contracting - Second Category	- المقاولات الكهربائية - الفئة الثانية
- Mechanical Contracting - Second Category	- المقاولات الميكانيكية - الفئة الثانية

Address : أبو ظبي، شارع الجوازات شرق 1-4 ق 187C الميزان مكتب 1، وحدة، بناية عبدالله جمعة مبارك صلهوم القبيسي : العنوان

تشهد غرفة أبوظبي بموجب القانون رقم 27 لعام 2005 بأن المنشأة المذكورة أعلاه قد سجلت لدينا  
Abu Dhabi Chamber certifies that the above mentioned establishment has been registered in accordance with the law No.27 of 2005

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

This Document is Considered As Commercial Register

تعتبر هذه الوثيقة بمثابة سجل تجاري



غرفة أبوظبي  
ABU DHABI CHAMBER







## رخصة تجارية Commercial License

License Details / تفاصيل الرخصة	
License No.	704722
Trade Name	ECO THERM CONTRACTING LLC - DUBAI BRANCH
Legal Type	Branch of Company Registered in other emirates
Expiry Date	26/02/2016
D&B D-U-N-S ® No.	
Register No.	
رقم الرخصة	ايكو ثيرم للمقاولات ذ.م.م - فرع دبي
الإسم التجاري	ايكو ثيرم للمقاولات ذ.م.م - فرع دبي
الشكل القانوني	فرع لشركة مقررها في امانة أخرى
تاريخ الإصدار	27/02/2014
رقم الرخصة الام	704722
عضوية الغرفة	231160
تاريخ الإنتهاء	
الرقم العالمي	
رقم السجل التجاري	
Issue Date	
Main License No	
DCCI No.	

License Members / اطراف الرخصة				
Share / الحصص	Role / الصفة	Nationality / الجنسية	No. / رقم الشخص	Name / الاسم
	Co. Owner / مالك الشركة	United Arab Emirates / الامارات	488353	ECO THERM CONTRACTING LLC / ايكو ثيرم للمقاولات ذ.م.م
	Manager / مدير	Jordan / الاردن	488355	TAREQ ZIAD ISHAQ SIAM / طارق زياد اسحق صيام

Building Contracting  
Air-Conditioning, Ventilations & Air Filtration Systems  
Installation & Maintenance  
Electromechanical Equipment Installation and Maintenance  
Plumbing & Sanitary Contracting  
Electrical Fitting Contracting  
Building Maintenance

### License Activities / نشاطات الرخصة التجارية

مقاولات البناء  
تركيب أنظمة التكييف والتهوية وتنقية الهواء وصيانتها  
اعمال تركيب المعدات الكهروميكانيكية وصيانتها  
اعمال التمديدات والتركيبات الصحية  
اعمال التمديدات الكهربائية  
صيانة المباني

Telephone 971-4-2540120  
Fax 971-4-2540280  
Mobile No 971-50-5616316

تليفون

P.O. Box

333913

صندوق البريد

فاكس

Parcel ID

159-117

رقم القطعة

الهاتف المتحرك

مكتب رقم 405 ملك احمد جمعه بن شبيب - ديرة - المرمر

### Remarks / ملاحظات

مقاولات البناء (أرضي + طابق واحد).  
لا يجوز التعاقد على المشاريع لحين توفير المعايير المطلوبة.

Print Date 02/03/2015 12:42 تاريخ الطباعة

Receipt No. 11936659 رقم الإيصال

Activity  
Owners

الجهات التي لها  
صلاحية متابعة أنشطة

(وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة التنمية الاقتصادية. لمراجعة صحة البيانات الواردة في الرخصة برجاء زيارة الموقع <http://www.dubaided.gov.ae>)

(Approved electronic document issued without signature by the Department of Economic Development. To verify the license kindly visit <http://www.dubaided.gov.ae>)



**CERTIFICATE OF INCORPORATION  
OF A  
PRIVATE LIMITED COMPANY**

Company Number **8871096**

The Registrar of Companies for England and Wales, hereby certifies that  
**ECO THERM CONTRACTING LIMITED**

is this day incorporated under the Companies Act 2006 as a private company, that the company is limited by shares, and the situation of its registered office is in England and Wales.

Given at Companies House, Cardiff, on **31st January 2014**.

The above information was communicated by electronic means and authenticated by the  
Registrar of Companies under section 1115 of the Companies Act 2006



دائرة الشؤون البلدية  
DEPARTMENT OF MUNICIPAL AFFAIRS

شهادة تصنيف مقاول

رقم الطلب: 24774  
رقم التصنيف: 2865  
تاريخ الإصدار: 2015-08-03  
تاريخ الانتهاء: 2017-08-02

الإسم:	أبو ثيرم للمقاولات - ذ م م
Name:	ECO THERM CONTRACTING.LLC
الشكل القانوني:	شركة ذات مسؤولية محدودة
المدير المسؤول:	طارق زياد اسحق / TAREQ ZIAD ISHAQ
الهاتف:	026320202
الفاكس:	026322205
ص.ب:	106345
العنوان:	أبو ظبي - شارع مدينة زايد - بلدية عبدالله جمعة مبارك صلهوم القبيسي

يعتبر المقاول مصنفًا بالقطاعات والتخصصات التالية طبقًا لنظام رقم (2) لسنة 2009 بشأن تصنيف المقاولين في إمارة أبوظبي:

الثانية : مقاولات الأعمال الميكانيكية والكهربائية  
الثالثة : مقاولات أعمال التبريد والتكييف  
الخامسة : مقاولات المباني بأنواعها مقاولات المنشآت المعدنية مقاولات شبكات الصرف الصحي الفرعية وتوصيلات المنازل  
إجمالي التخصصات: الثانية 1 الثالثة 1 الخامسة 3



تصنيف المقاولين والاستشاريين وقيد المهندسين



أي كسب أو تغيير في الشهادة يلغىها.  
لا يجوز التقدم للطعامات إلا بعد تقديم أصل الشهادة.  
على جهات الاختصاص التأكد من وجود العلامة المائية على الشهادة.





[www.ecotherm.ae](http://www.ecotherm.ae)

# **LOCAL AUTHORITY** **CERTIFICATES**



شركة أبوظبي للتوزيع  
Abu Dhabi Distribution Co.

ايكو ثيرم للمقاولات ذ م م  
أبوظبي  
أبوظبي  
UAE Abu Dhabi 106345

## Customer support

contact centre  
800 2332  
via email  
contactcentre@addc.ae  
by post  
PO Box 219, Abu Dhabi  
visit our website  
www.addc.ae  
SMS  
2800



## خدمة العملاء

مركز الاتصال  
800 2332

للتواصل عبر البريد الإلكتروني  
contactcentre@addc.ae

للتواصل عبر البريد  
ص.ب 219، أبوظبي

الموقع الإلكتروني  
www.addc.ae

رسالة نصية  
2800

Electricity  
Service



خدمة  
الكهرباء

Water  
Service



خدمة  
المياه

Customer Contact ID 4346637051

معرف الاتصال بالعميل

Date 11/10/2015

التاريخ

## Electrical contracting licensing certificate

Abu Dhabi Distribution Company Certifies that the company mentioned above is prequalified for practicing electrical works under category First

Regards,

### Request Information

Contractor Name	ايكو ثيرم للمقاولات ذ م م
Account ID	3211398531
Account Class	تجاري
Entity Identification No	4346637726
Sponsor Name	جلال محمد سيف الخالد - طارق زياد اسحق صيام
Trade License No	CN1072269
Chambers of Commerce	
Category	الاولي

## شهادة تأهيل مقاول لمزاولة اعمال الكهرباء

تشهد دائرة خدمة العملاء لدى شركة أبوظبي للتوزيع أن الشركة/ المؤسسة المذكور أعلاه مؤهلة لممارسة الأعمال والتמידات الكهربائية للفئة الاولى

وتقبلوا تحياتنا ،

### معلومات الطلب

اسم مقاول الكهرباء	
رقم الحساب	
فئة الحساب	
الرقم الموحد للشركة/ المؤسسة	
وكيل خدمات	
رقم الرخصة التجارية	
رقم عضوية الغرفة	
الفئة	

This certificate is valid up to

10/10/2016

هذه الشهادة صالحة حتى تاريخ

Regards  
Customer Service Division  
Abu Dhabi Distribution Company



تقبلوا تحياتنا  
دائرة خدمة العملاء  
شركة أبوظبي للتوزيع



شركة أبوظبي للتوزيع  
Abu Dhabi Distribution Co.

Ref.: D8615

## **Contractor Competency Certificate**

**To: M/s ECO THERM CONTRACTING.LLC**

HSEQ Dept. in ADDC has approved:

**Mr. Muhammad Nouman Malik Ghulam Habib Malik**  
**Site ELECTRICAL Engineer**

Nominated by your company as a Competent Person capable to protect HSE issues, receive and clear Safety Documents within the ADDC's premises for the following works :

Supervision for cable laying , jointing ,termination and installation of distribution equipment's up to 22 KV	HV Work	✓
	LV Work	✓
	Mechanical	
	Civil	
	LAP Only	

On behalf of your company, the holder of this certificate shall strictly comply with ADDC System Safety Rules, HSE procedures & guide lines.

**Eng. Sayed Sallam**  
HSEQ Dept. Manager

Signature of holder: \_\_\_\_\_  
Date : 03/03/14

First Issue : 03.03.2014

Expiry Date : 02.03.2015

Disclaimer: Contractor's Competent Person should ensure correct implementation of ADDC SSR on the workmanship provided. Contractor will bear the consequences of any violation to the approved procedure, and these violations should be reported to ADDC HSEQ Dept. immediately, Competent person NOT allowed to open more than one safety document at time



### التسجيل في نظام إدارة البيئة والصحة والسلامة في قطاع البناء والإنشاء

تشهد بلدية مدينة أبوظبي بأن الشركة/المؤسسة المدرجة أدناه قد قامت بتسليم نظام إدارة البيئة والصحة والسلامة لقطاع البناء والإنشاء بناء على قرار سمو ولي العهد رئيس المجلس التنفيذي رقم (42 لعام 2009) ، وهي في قيد المراجعة\*.

اسم الشركة/المؤسسة	أيكو ثيرم للمقاولات - ذ م
رقم التسجيل	BC – 12 – 0945

وقد أعطيت لها هذه الشهادة بناء على طلبها ودون تحمل الدائرة أي مسؤولية أو التزام تجاه الغير، وذلك لتقديمها إلى من يهمه الأمر.



المهندس **عبد العزيز زعرب**  
مدير إدارة البيئة والصحة والسلامة

ملاحظة:

\* هذه الشهادة صالحة لغاية 2014/12/11



[www.ecotherm.ae](http://www.ecotherm.ae)

# **INTERNATIONAL STANDARD** **CERTIFICATES**



# CERTIFICATE

Management system  
**ISO 9001 : 2008**

In accordance with TÜV Middle East procedures, it is hereby certified that

**Ecotherm Contracting LLC**  
Mezzanine Floor, Bldg. 6, Street 17  
Sector 14, Zone 1, Madinat Zayed  
P. O. Box 106345, Abu Dhabi  
United Arab Emirates



applies a management system in line with the above standard for the following scope

**Provision of MEP Contracting and Maintenance Works/Services**

Certificate Registration No. DAC 03 00444  
Audit Report No. 1000 1312

Valid from 29-01-2015  
Valid until 28-01-2018



Certification Body

Dubai, 29-01-2015

This certification was conducted in accordance with the TÜV Middle East auditing and certification procedures and is subject to regular surveillance audits.

TÜV Middle East

P. O. Box 79123, Dubai, UAE

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





# CERTIFICATE

Management system as per  
**ISO 14001 : 2004**

In accordance with TÜV Middle East procedures, it is hereby certified that

**Ecotherm Contracting LLC**  
Mezzanine Floor, Bldg. 6, Street 17  
Sector 14, Zone 1, Madinat Zayed  
P. O. Box 106345, Abu Dhabi  
United Arab Emirates



applies a management system in line with the above standard for the following scope

**A system that supports the managing of Environment,  
Health & Safety Risks associated with MEP Contracting  
& Maintenance Works / Services**

Certificate Registration No. DAC 04 00444  
Audit Report No. 1000 1312

Valid from 29-01-2015  
Valid until 28-01-2018



Certification Body

Dubai, 29-01-2015

This certification was conducted in accordance with the TÜV Middle East auditing and certification procedures and is subject to regular surveillance audits.

TÜV Middle East

P. O. Box 79123, Dubai, UAE

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







# CERTIFICATE

Management system as per  
**BS OHSAS 18001 : 2007**

In accordance with TÜV Middle East procedures, it is hereby certified that

**Ecotherm Contracting LLC**  
Mezzanine Floor, Bldg. 6, Street 17  
Sector 14, Zone 1, Madinat Zayed  
P. O. Box 106345, Abu Dhabi  
United Arab Emirates



applies a management system in line with the above standard for the following scope

**A system that supports the managing of Environment,  
Health & Safety Risks associated with MEP Contracting  
& Maintenance Works / Services**

Certificate Registration No. DAC 05 00444  
Audit Report No. 1000 1313

Valid from 29-01-2015  
Valid until 28-01-2018



Certification Body

Dubai, 29-01-2015

This certification was conducted in accordance with the TÜV Middle East auditing and certification procedures and is subject to regular surveillance audits.

TÜV Middle East

P. O. Box 79123, Dubai, UAE

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





[www.ecotherm.ae](http://www.ecotherm.ae)

## **OTHER REGISTERED OFFICE SERVICES**



[www.ecotherm.ae](http://www.ecotherm.ae)

11/2/2014

Status Summary (Musanada's e-Procurement Portal)



Print your Supplier Profile



#### Questions & Organisation Status

Supplier Platform Access Status	Active
Basic Profile Questions	
Extended Profile Questions	
Classification Questions	
Overall Status	Registered

## REGISTRATION CERTIFICATE

We ADCE hereby register the Sub Contractor: **Ecotherm Contracting LLC**  
ADCE Registration Number: **SC-032**  
With the following Building Service/s:

Service Provided	Building Configuration			Remarks
	All Building Configurations	Up to G+M+7T	Up to G+M+4T	
<input checked="" type="checkbox"/> HVAC	✓			
<input checked="" type="checkbox"/> Plumbing & Drainage	✓			
<input type="checkbox"/> Fire Fighting				
<input type="checkbox"/> LPG				
<input checked="" type="checkbox"/> LV-HV	✓			
<input checked="" type="checkbox"/> BMS	✓			
<input type="checkbox"/> Fire Alarm				
<input checked="" type="checkbox"/> CCTV	✓			
<input checked="" type="checkbox"/> SMTV	✓			
<input checked="" type="checkbox"/> Intercom	✓			
<input checked="" type="checkbox"/> Telephone	✓			
<input checked="" type="checkbox"/> Access Control	✓			
<input type="checkbox"/> Other/s				
				Wiring & Cabling Only. Testing & Commissioning and system configuration to be done by suppliers

### Note:

- 1) This prequalification approval does not absolve the sub-contractor from getting a 'project specific approval' by the project consultant and by ADCE. Whenever a pre-qualified sub-contractor applies for a specific project they should go through the sub-contractor submission process where they should prove resource allocation, financing position and proper engineering staff. The issuing of this certificate does not confer any authority upon the Sub Contractor.
- 2) This certificate is valid for one year from issue date.

Registration Review Committee Signature 1:

*Majdi Yousif*

Registration Review Committee Signature 2:



*Dr. A. I. Tawfik*







[www.ecotherm.ae](http://www.ecotherm.ae)

# **LIST OF HANDLED PROJECTS** **& SNAP SHOTS**

## LIST OF MAJOR PROJECTS

SI #	Scope of Work/ Name of Project	Location	Date	Client	Consultant	Main Contractor	Value (AED)
1	MEP works for the construction and completion of Business Bay Hotel	Plot BB.A02.013 Business Bay, Dubai, UAE	2015	Aabar Investments PJS	Khatib & Alami Consultant	Arabtec Construction LLC	207,208,000
2	MEP works for the construction and completion of Hard Rock Hotel (Five Star Hotel)	Plot H-24, Al Mina Road, Abu Dhabi, UAE	2015	Aabar Investments PJS	Aedas Architects LLC	Al Futtaim Carillion	128,300,000
3	Residential Buildings (4 Nos.), 1P+G+12T+Roof, Al Raha Beach	Plot PC-501, Al Raha Beach, Abu Dhabi, UAE	2014	Aabar Investments PJS	Khatib & Alami Consultant	Murray & Roberts/ Ghantoot Group Joint Venture	160,000,000
4	MEP Works for the construction & completion of Residential Development (Aabar Tower)	Shams Abu Dhabi, Plot RS1-C12 ADM SI-C25, Sorouh	2013	Aabar Investments PJS	Architecture & Planning Group (APG)	Tasameem-STX Construction Company LLC	44,500,000
5	MEP (Electro Mechanical Works) for the Construction and Completion of Residential Development	Plot C59, Rawdhat, Abu Dhabi	2012	Aabar Investments PJS	Architecture & Planning Group (APG)	Tasameem-STX Construction Company LLC	20,800,000
6	MEP (Electro Mechanical Works) for Al Falah Community Development	Al Falah, Abu Dhabi	2012	Al Dar Properties	W.S Atkins	Ghantoot Transport & Gen. Est.	19,260,000
7	MEP (Electro Mechanical Works) for Commercial Building	18/1, C-82, Abu Dhabi	2012	Sheikh Sultan Bin Hamdan	Beirut Engineering Consulting Bureau	Ghantoot Transport & Gen. Est.	16,325,000
8	MEP (Electro Mechanical Works) for Execution Building	Abu Dhabi	2011	Emirates of Abu Dhabi Judicial Department	Beirut Engineering Consulting Bureau	Ghantoot Transport & Gen. Est.	23,090,000
9	MEP (Electro Mechanical Works) for Emirates Palace Pilot Lounge Building	Abu Dhabi	2011	Ministry of Affairs	Future Architecture Consultants	Ghantoot Transport & Gen. Est.	3,550,000
10	Civil and Electro Mechanical Works for SOC/CFD/SCM/ 2010/ 174	SAS AL Nakhl	2010	Director of Military Works	Director of Military Works	Ecotherm Contracting LLC	43,800,000

SI #	Scope of Work/ Name of Project	Location	Date	Client	Consultant	Main Contractor	Value
11	Supply & installation, commissioning & maintenance for one year of all airconditioning work for Habshan Accommodation Camp for 10,000 People	Abu Dhabi	2010	GASCO, Technimont, Khafari National		Marina General Contracting Establishment	47,000,000
12	MEP (Electro Mechanical Works) for the Construction & Maintenance of 12 Group of Villa's	Abu Dhabi	2010	Hamdan Al Mulla	Architectural Tec	Bildex	8,180,000
13	HVAC Supply and Installation for Beach Villa	Abu Dhabi	2009	Sheikh Hamed Ahmed Al Hamed	Director of Military Works	Bildex	11,710,000
14	MEP (Electro Mechanical Works) for the Construction & Maintenance of Group of Buildings	Abu Dhabi	2009	Director of Military Works	Director of Military Works	Al Tharawat	10,650,000
15	Supply & Installation of HVAC for MW/OU/103/2008	Mina, Abu Dhabi	2009	Director of Military Works	Director of Military Works	Trust Contracting	11,730,000
16	Mechanical Works for CNIA-Sweihan-Training Facilities	Sweihan	2008	Director of Military Works	Director of Military Works	Trust Contracting	9,100,000
17	Supply & Installation of HVAC for MW-SO-400-07	SAS AL Nakhl	2007	Director of Military Works	Director of Military Works	Al Tharawat Contracting	6,950,000
18	MEP (Electro Mechanical Works) for MW-SO-414	SAS AL Nakhl	2007	Director of Military Works	Director of Military Works	Al Mulla Contracting	4,910,000
19	Supply & Installation of HVAC for the Air Craft Hanger, MW-SO-398-06	SAS AL Nakhl	2006	Director of Military Works	Director of Military Works	Trust Contracting	10,524,000



[www.ecotherm.ae](http://www.ecotherm.ae)

## SNAP SHOTS



**Perspective View of current project – Business Bay Hotel, Dubai, U.A.E.**



Project Name	Business Bay Hotel
Client	Aabar Investments
Consultant	Khatib & Alami
Main Contractor	Arabtec Construction LLC
MEP Contractor	Ecotherm Contracting LLC
MEP Contract Value	AED 207,208,000

**Perspective View of current project – Five Star Hotel (Hard Rock Hotel), ABU DHABI, U.A.E.**



Project Name	Hard Rock Hotel, ABU DHABI, U.A.E.
Client	Aabar Investments
Consultant	Aedas Architects LLC
Main Contractor	Al Futtaim Carillion
MEP Contractor	Ecotherm Contracting LLC
MEP Contract Value	AED 128,300,000



**Perspective View of current project – RESIDENTIAL DEVELOPMENT on PLOT C501, AL RAHA BEACH, ABU DHABI, U.A.E.**



Project Name	Residential Buildings (4 Nos.) - 1P+G+12T+Roof, PLOT PC-501, AL RAHA BEACH, ABU DHABI, U.A.E.
Client	Aabar Investments PSJ
Project Management	Confluence Project Management
Consultant	Khatib and Alami Consultants
Main Contractor	Murray & Roberts/ Ghantoot Group Joint Venture
MEP Contractor	Ecotherm Contracting LLC
MEP Contract Value	AED 160,000,000

### Perspective View of current project – Aabar Tower @ Shams Abu Dhabi

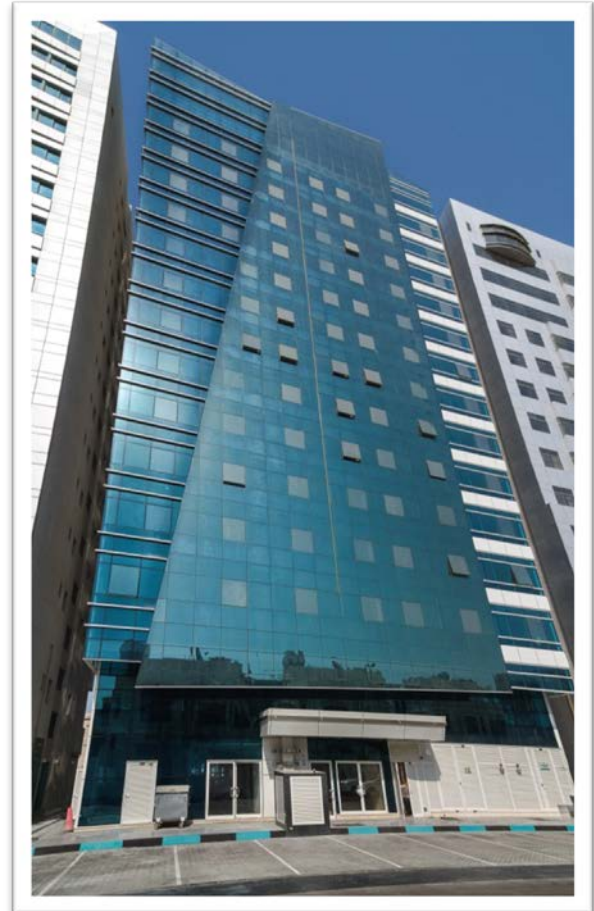


Project Name	Aabar Tower in Shams Abu Dhabi (1B+3P+G+M+28T+Roof) on Plot RS1-C12, ADM S1-25, Al Reem Island, Abu Dhabi, U.A.E.
Client	Aabar Investments PSJ
Project Management	Confluence Project Management
Consultant	Architectural and Planning Group (APG)
Main Contractor	Tasameem STX Construction Co.
MEP Contractor	Ecotherm Contracting LLC
MEP Contract Value	AED 44,500,000





## Sheikh Sultan Project



Project Name	Residential Building on Plot C82, Sector E18/1, Abu Dhabi, U.A.E.
Client	Sheikh Sultan Bin Hamdan Al Nhyan
Consultant	Beirut Engineering Consulting Bureau
Main Contractor	Ghantoot Transportation and General Contracting Co.
MEP Contractor	Ecotherm Contracting LLC
MEP Contract Value	AED 16,325,000











## Residential Development, Rawdhat, Abu Dhabi



Project Name	Residential Building in Rawdhat, Abu Dhabi (3B+G+11T+Roof) on Plot C59, E48, Abu Dhabi, U.A.E.
Client	Aabar Investments PSJ
Project Management	Confluence Project Management
Consultant	Architectural and Planning Group (APG)
Main Contractor	Tasameem STX Construction Co.
MEP Contractor	Ecotherm Contracting LLC
MEP Contract Value	AED 20,800,000













## Al Falah Project



Project Name	Al Falah Community Development, Abu Dhabi, U.A.E.
Client	Al Dar Properties
Project Management	Flour Project Management
Consultant	ATKINS Consultants
Main Contractor	Ghantoot Transportation and General Contracting LLC
MEP Contractor	Ecotherm Contracting LLC
MEP Contract Value	AED 19,260,000





















## Execution Building



Project Name	Execution Building in Abu Dhabi Judicial Department, U.A.E.
Client	Emirates of Abu Dahbi Judicial Department
Project Management	Morganty Group Project Managements
Consultant	Dar Al Oman Consultants
Main Contractor	Ghantoot Transportation and General Contracting LLC
MEP Cpntractor	Ecotherm Contracting LLC
MEP Contract Value	AED 21,280,000

















## Underground Water Tank









[www.ecotherm.ae](http://www.ecotherm.ae)

# **LIST OF EQUIPMENT**

## LIST OF ELECTRICAL EQUIPMENT

No.	Description	Quantity
1	Survey Equipment	18
2	Cable Trailer for 11kV	15
3	Cable Trailer for 33kV	15
4	Tools for Termination & Jointing	5
5	Generator (300kV, 250kV)	9 sets
6	Small Equipment, Tool Consumables	12
7	Welding Generator	30
8	Gas Cutting Set	11
9	Water Tank (GRP)	9
10	Grumping Tool Complete set	9
11	Complete Tools for Riggers	15
12	Meggar, Earth Tester	17
13	Multi Meter	23
14	Volt Meter	18
15	Caravan	15
16	Fiber Tank	9
17	Grinder 9	18
18	Yellow Jacket Paint	18
19	Hilti Drill Machine	30
20	Grinder 4	20
21	Nail Gun	15
22	Cable Detector	15
23	DC High Voltage Insulator Tester	10
24	Total Station Sokia	10

## LIST OF AIR CONDITIONING EQUIPMENT

No.	Description	Quantity
1	Welding Machine	15
2	Threading Machine	15
3	Gas Cutting Cylinder Set	15
4	Foot Power Shearing Machine	15
5	Cladding Machine	15
6	Lock Forming Machine	15
7	Hand Folder Machine	15
8	Hydraulic Folder Machine	15
9	Hilti Machine	20
10	Drilling Machine	18
11	Ladder	25
12	Grinder Machine	15
13	Aluminum Scaffolding	23

## LIST OF PLUMBING EQUIPMENT

No.	Description	Quantity
1	PPR Heating Machine	18
2	PPR Pipe Cutter	32
3	HPP Heating Machine	12





[www.ecotherm.ae](http://www.ecotherm.ae)

**COPY OF SUB-CONTRACT**  
**AGREEMENTS & APPROVED**  
**DOCUMENTS FOR THE MAJOR**  
**PROJECTS**

*Suroor Bin Mohd. Al Nahyan*  
*Projects Department*

سور بن محمد آل نهيان  
إدارة المشاريع

23th December 2015

EXTC/SSPD/BG/EC/14/001/15

M/S Ecotherm Contracting LLC  
P.O. Box 106345  
Abu Dhabi, UAE

Attn : Engr. Tareq Ziad Siam  
Sub : Prequalification Approval for MEP Works

Dear Engr. Siam,

We refer to your prequalification documents and our further investigation, we are pleased to note that you are prequalified to associate with SSPD for suitable jobs as MEP Contractor.

Yours Faithfully,



**Bahaa Ghorab**  
Deputy Projects Director



Cc: SAK/ZH/AK

Aedas Architects L.L.C.  
Suite 1416, Makeen Tower  
Corner of 9<sup>th</sup> and 10<sup>th</sup> Street  
P.O. Box 51203  
Abu Dhabi, UAE

T +971 2 635 9887  
F +971 2 635 9886  
aedas.com

# Aedas

Ref.: AD09009-01-B16-001

12 February 2015

**Attn: Ministry of Labors**  
Abu Dhabi - UAE

Project: Hard Rock Hotel – Abu Dhabi

Owner: Aabar investments.  
Consultant: Aedas Architects L.L.C.  
Contractor: Al Futtaim Carillion.

السادة / وزارة العمل - المحترمين  
أبوظبي - الإمارات العربية المتحدة  
المشروع : فندق الهارد روك - أبوظبي

المالك: أبار للاستثمار.  
الإستشاري: أيداس مهندسون معماريون ذ.م.م.  
المقاول: الفطيم كاريليون .

Dear Sir,

تحية طيبة و بعد ،،،

**Subject:**  
**Approval for MEP Contractor.**

**الموضوع :**  
**اعتماد مقاول الأعمال الكهربائية والميكانيكية والصحية**

Reference to the above mentioned subject, we would like to inform you that the proposed MEP contractor M/s. Ecotherm contracting L.L.C. has been approved as MEP contractor with all provisions for the above mentioned project ( 5 star hotel- Saraya area- Abu Dhabi).

بالإشارة للموضوع المذكور أعلاه , نفيد سيادتكم علماً بأن  
السادة / شركة إيكوثيرم للمقاولات ذ.م.م هي شركة المقاولات  
المكلفة من قبل المالك بتنفيذ الأعمال الكهربائية والميكانيكية  
والصحية وما يترتب عليها من أعمال إضافية للمشروع  
المذكور أعلاه ( فندق خمس نجوم في منطقة سرايا- أبو ظبي)  
شاكرين لكم حسن تعاونكم .

Yours faithfully,

و تفضلوا بقبول وافر الإحترام و التقدير ،،،

Mohamed A. Kahouf  
Resident Architect  
For and on behalf of **Aedas Architects LLC**  
M +971 55 104 1098  
D +971 4 355 7233  
mohamed.kahouf@aedas.com



محمد أحمد قحوف  
مهندس المشروع  
بالنيابة عن أيداس مهندسون معماريون ذ.م.م.



أد ١٣٢٤/أد/١٧٥٣٢/٢٠١٤

١٤ أغسطس ٢٠١٤

السادة / وزارة العمل  
المحترمين  
ابوظبي  
الامارات العربية المتحدة

المشروع : شاطئ الراحة- الدانا  
الموقع : قسيمة رقم -10-RBW6  
المالك : أبار للاستثمارات ش.م.خ.  
الموضوع : اعتماد مقاول الاعمال الكهربائية والميكانيكية والصحية

تحية واحتراما وبعد،

بالإشارة الى الموضوع المذكور اعلاه، نود ان نعلمكم بانه لا مانع لدينا ان تقوم السادة / شركة أيكوثيرم للمقاولات ذ.م.م / بتنفيذ الاعمال الكهربائية والميكانيكية والصحية للمشروع المذكور اعلاه تحت المسؤولية الفنية للسادة /شركة غنتوت - ميري أند روبرت/ والتي تم اعتمادها كمقاول رئيسي. شاكرين لكم حسن تعاملكم.

وتفضلوا بقبول فائق الاحترام،،،

شركة الاتحاد الهندسي  
(خطيب و علمي)



بشار عياش  
مشارك، المدير المقيم



خطيب و علمي  
شركة الاتحاد الهندسي  
Khatib & Alami  
Consolidated Engineering Company

MQ/RS/D-A/Doc/Arabic letters 2014/17532

*Surroor Bin Mohd. Al Nahyan*  
*Projects Department*

سورور بن محمد آل نهيان  
إدارة المشاريع

19<sup>th</sup> September 2013  
EXTC/SSPD/WW/EC/14/001/13

M/s Ecotherm Contracting LLC  
P.O. Box 106345  
Abu Dhabi, UAE

Attn : Engr. Tareq Ziad Siam  
Sub : Prequalification Approval for MEP Works


Dear Engr. Siam,

We refer to your prequalification documents submitted thru letter ETC-B51-AJ-382 dated 9<sup>th</sup> September 2013; after review, we are pleased to note that you are prequalified to associate with SSPD for suitable jobs as MEP Contractor.

Yours Faithfully,

  
  
**Winston Williams**  
**Project Manager**


Cc : : SAK/ZH/AK

 <b>مجموعة العمارة والتخطيط</b> <b>ARCHITECTURE &amp; PLANNING GROUP</b>	<b>TRANSMITTAL NOTE</b> <b>(FM 01-01)</b>
<b>P.O. Box 2833, Abu Dhabi, U.A.E    Tel. +971 2 6333022    Fax. +971 2 6332883</b> <b>Email: apgconsl@emirates.net.ae    Website: www.apg-arch.com</b>	
Project:	<b>Construction &amp; Completion of Residential Development on Plot RS1-C12 at Shams, Abu Dhabi, UAE</b>
To:	<b>Tasameem – STX Construction Co. LLC</b>
Attention:	<b>Mr. Sang Hoon Song</b> <b>Project Manager</b>
Department:	<b>N/A</b>
Date:	<b>14<sup>th</sup> April 2013</b>
Transmittal No:	<b>325 /TSTX / 0010</b>

We enclose herewith below the mentioned documents: (Tick whichever is applicable)

<input type="checkbox"/>	For your comment and approval
<input type="checkbox"/>	For your information and records
<input checked="" type="checkbox"/>	For your implementation / To proceed
<input type="checkbox"/>	As requested by You
<input type="checkbox"/>	Obsolete copies shall be destroyed
<input type="checkbox"/>	Return obsolete copies with acknowledgement
<input type="checkbox"/>	Acknowledge receipt by returning copy of this transmittal duly signed and dates
<input type="checkbox"/>	Others:

Document Name / Subject	Document No. / Ref.	Rev.	Date	QTY
• MEP Work – Company profile Ecotherm Contracting L. L. C.	• UAARA-SC-13-002-B	02	• 28/03/13	1

Issuer:  Signature and Date: Name: <b>Hisham Husein Roshdy</b> Position: <b>Senior projects Manager</b>	Receiver: Signature and Date: Name: Position:
---	--

RECEIVED

14 APR 2013

Time: 2:12 pm

ABDAR TOWER PROJECT, SHAMS C12  
TASAMEEM-STX CONSTRUCTION CO. L.L.C.

Comments:

- Refer to attached APG comments sheet.

Job Title	Act.	Info.
PM		
CM		
COORD.		
ENGNG.		
ADMIN.		
COST		
SITE 1		
SITE 2		
MECH.		
ELEC.		
SAFETY		

APG\_TN-325-TASAMEEM-0010
Page: 1
Date: 14/04/2013







مجموعة العمارة والتخطيط  
ARCHITECTURE & PLANNING GROUP

P.O. Box 2833, Abu Dhabi, U.A.E.

Tel. + 971 2 6333022

Fax. + 971 2 6332883

Email: apgconst@emirates.net.ae

**Construction, Completion & Maintenance of Residential  
Development on Plot RS1-C12 at Shams Abu Dhabi, Reem Island**

**Subject : MEP Work – Ecotherm Contracting LLC-  
Company Profile**

**Transmittal No : UAARA-SC-13-002-B Rev. 02 dated 28<sup>th</sup> March 2013**

**APG Comments:** Status of approval "Approved with Comments".

1. Contractor to supply, install, test and put into operation the materials as per latest regulation for local authorities ADDC, Etisalat and UAE fire Code.
2. Contractor to follow the contractual technical specification for the project.
3. Contractor to provide the sufficient number of qualified and approved engineers, technicians, labor and tools.
4. Contractor to submit shop drawings and technical material submission as per project technical specifications for approval before any installation process.
5. Contractor to follow Ecotherm proposed Organizational chart attached as per approved and agreed in the last meeting between APG, TSTX and Ecotherm.



**Hisham Husein Roshdy  
Senior Projects Manager  
Architecture & Planning Group**



## TRANSMITTAL NOTE (FM 01-01)

P.O. Box 2833, Abu Dhabi, U.A.E Tel. +971 2 6333022 Fax. +971 2 6332883  
 Email: [apgconsl@emirates.net.ae](mailto:apgconsl@emirates.net.ae) Website: [www.apg-arch.com](http://www.apg-arch.com)

Project:	<b>Construction &amp; Completion of Residential Development on Plot C59 at Rawdhat, Abu Dhabi, UAE</b>		
To:	<b>Tasameem – STX Construction Co. LLC</b>	Date:	<b>27<sup>th</sup> June 2012</b>
Attention:	<b>Mr. Goo Hyn, Kim – Project Manager</b>		
Department:	<b>N/A</b>	Transmittal No:	<b>360 / TSTX / 0108</b>

We enclose herewith below the mentioned documents: (Tick whichever is applicable)

- ☐ For your comment and approval
- ☐ For your information and records
- ☒ For your implementation / To proceed
- ☐ As requested by You
- ☐ Obsolete copies shall be destroyed
- ☐ Return obsolete copies with acknowledgement
- ☐ Acknowledge receipt by returning copy of this transmittal duly signed and dates
- ☐ Others:

Document Name / Subject	Document No. / Ref.	Rev.	Date	QTY
Ecotherm Contracting Company Profile (MEP)	UARBA-T-DT-12-023	01	19 <sup>th</sup> June 2012	1
Issuer:	Receiver:	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>RECEIVED</b>                   27 JUN 2012                    UAE RAWDHAT RESIDENTIAL BUILDINGS C 59                  TASAMEEM - STX CONSTRUCTION CO. LLC.             </div>		
Signature and Date:	Signature and Date:			
Name: <b>Ahmed Bakkar</b>	Name:	<div style="border: 1px solid black; padding: 5px; text-align: center;">                   27/6/2012             </div>		
Position: <b>Project Manager</b>	Position:			

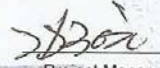
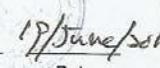
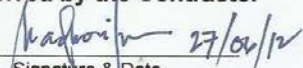
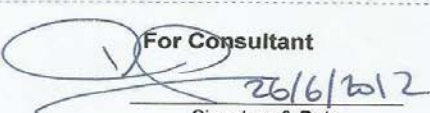
### NOTES:

- Status of approval "Approved as Noted".
- Refer to the attached APG Comments sheet.



<b>confluence</b>	<b>ADG</b> مجموعة العمارة والتخطيط ARCHITECTURE & PLANNING GROUP	<b>SDX</b> TASAMEEM STX Construction & Contracting
-------------------	---	--

REQUEST FOR APPROVAL OF DOCUMENTS				
PROJECT	: <b>Construction &amp; Completion of Residential Development on Plot C59 at Rawdhat Abu Dhabi UAE</b>			
CONSULTANT	: <b>Architecture &amp; Planning Group</b>	Request No.	: <b>UARBA-T-DT-12-023</b>	
CONTRACTOR	: <b>Tasameem STX</b>	Revision	: <b>01</b>	
MEP-CONTRACTOR	:	Submittal Date	: <b>19<sup>th</sup> June 2012</b>	
<input type="checkbox"/> Architecture <input type="checkbox"/> Structure <input type="checkbox"/> Electrical <input type="checkbox"/> HVAC <input type="checkbox"/> Plumbing <input type="checkbox"/> Fire Fighting <input type="checkbox"/> Others : _____				
S/N	Description	Ref. Spec / BOQ / Drwg.	Specified Make	Proposed Make
1	Ecotherm Contracting - Prequalification (MEP)	Proj. Spec. part 2 – Mechanical & Electrical specification	N/A	N/A
3 Sets of Hard Copy, Soft Copy with CD				
<b>Attached:</b> <input type="checkbox"/> Sample <input type="checkbox"/> Catalogues <input type="checkbox"/> Compliance Statement <input type="checkbox"/> References of Projects <input type="checkbox"/> Registers / Licenses <input type="checkbox"/> Organizational Charts <input type="checkbox"/> Others : <u>DT-023 Rev.00</u>				
Reason for change (if any): _____				
For Sub-Contractor		For Main Contractor		
Project Manager	Date	Proj-Co-ord / Site Engr.	Date	<div style="display: flex; justify-content: space-between;"> <div>             Project Manager         </div> <div>             Project Manager         </div> </div>
<b>FOR CONSULTANT'S USE</b> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin: 10px;">             360-0944              19 JUN 2012              3:20           </div> Received by _____ Date _____				
Neither the Client's Representatives approval nor his failure to give such approval shall in any way relieve the Contractor of his obligations and liabilities under the contract; and it shall not constitute an authorization for any increase in the contract price or contract time.				
<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved with Comments <input type="checkbox"/> Revise and Resubmit <input type="checkbox"/> Rejected				
<b>COMMENTS</b> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">             Approved as per APG Comments Sheet           </div>				
<b>Received by the Contractor</b>  Signature & Date <u>27/06/12</u>			<b>For Consultant</b>  Signature & Date <u>26/6/2012</u>	



مجموعة العمارة والتخطيط  
ARCHITECTURE & PLANNING GROUP

P.O. Box 2833, Abu Dhabi, U.A.E.

Tel. + 971 2 6333022

Fax. + 971 2 6332883

Email: [apgconst@emirates.net.ae](mailto:apgconst@emirates.net.ae)

**Construction & Completion of Residential Development on Plot  
C59 at Rawdhat Abu Dhabi UAE**

**Subject :** Ecotherm Contracting Company Profile (MEP)

**Transmittal No :** UARBA-T-DT-12-023 Rev. 01 dated 19<sup>th</sup> June 2012

**APG Transmittal No:** 360/TSTX/0108 and 360/CPM/0083 dated 27<sup>th</sup> June 2012

**APG Comments:** Status of approval: "Approved as Noted".

**ELECTRICAL COMMENTS:**

Due to Ecotherm Contracting have No Electrical Contracting Licensing/Certificate by ADDC, they introduce M/s ORBIT International Electro Mechanical & Plumbing Cont., which are certified by ADDC for practicing the Electrical work under category First.

Therefore, APG have no objection to approve M/s ORBIT International Electro Mechanical & Plumbing Cont. subject to comply with the Project Specification and Contract Documents.

**MECHANICAL COMMENTS:**

APG have no objection to approve the specialist subcontractor for Fire Fighting & Fire Alarm M/s Dhabia Establishment subject to:

- To renew the expired Abu Dhabi Civil Defense (ADCD) Certificates (3/A/341-Expired on 01/06/2012) and (1/A/437-expired on 18/06/2012).

**GENERAL COMMENTS:**

1. MEP Contactor has to submit detailed shop drawings, coordination drawings and builder's works drawings prior to work execution.
2. MEP Contractor is responsible to handover to all the Local Authorities and to comply with all their regulations and requirements.
3. All Material should have Consultant approval prior to installation.
4. Ecotherm shall have one professional MEP coordinator on the project.
5. Our approval is subject to the MEP Contractor performance on the project.
6. To comply with all Contact Documents.
7. TSTX as a Main Contractor is fully responsible for all MEP Subcontractor work.

**Architecture & Planning Group**







**مكتب بيروت للاستشارات الهندسية**  
BRANCH OF "BEC" (INTERNATIONAL)  
BEIRUT ENGINEERING CONSULTING GROUP (INTERNATIONAL) . BEIRUT - LEBANON  
*Beirut Engineering Consulting Bureau*

Your ref.

Our ref.

Date

إشارتك

١٢٧٦/١١٧٢/٢٠٧٩٨

٢٠١٢/٩/٢٤

إشارتنا  
التاريخ

المحترمين،،،

السادة / مؤسسة غنتوت للنقل والمقاولات العامة

تحية طيبة وبعد،،،

المشروع : إنشاء وإنجاز وصيانة مشروع لسمو الشيخ / سلطان بن حمدان آل نهيان

الموقع : أبوظبي شرق (١٨/٠١) قطعة رقم (٨٢) (C٨٢)

الموضوع : مقالول باطن لأعمال الكهروميكانيكية

بالإشارة إلى الموضوع أعلاه ، وإلى رسالتكم الواردة لنا تاريخ ٢٠١٢/٩/١٠ فإننا نحيطكم علماً

بأنه لا مانع لدينا من اعتماد السادة/ شركة ايكوتيرم كمقالول باطن وذلك لتنفيذ الأعمال

الكهروميكانيكية مع التقيد التام بالموصفات الفنية وتعليمات الاستشاري.

شاكرين حسن تعاونكم،،

مكتب بيروت للاستشارات الهندسية



**FAXED**

Date: 25/9/2012

نسخة إلى:  
ملف المشروع  
م. م. م. ل. ح.



مجموعة غنتوت  
GHANTOOT GROUP



مؤسسة غنتوت للنقل والمقاولات العامة  
Ghantoot Tpt & Gen. Cont. Est.  
قسم البناء Building Division

Ref: GTGCE-BD-A038/PM/BECB/30

8<sup>th</sup> December, 2011

To : **M/s. Beirut Engg. Consulting Bureau**  
Abu Dhabi, United Arab Emirates  
Tel: 02- 6272545 Fax No.02- 6270953

Attn : **Engr. Labib Abou Atme- CEO/ General Manager**

Project : **Commercial Building for Sheikh Sultan Bin Hamdan Bin Mohd. Al Nahyan at Sector E18/1, Plot No. C-82, Abu Dhabi**

Subject : **Pre-Qualification for MEP Works**

Dear Sir,

With reference to the above mentioned subject, please find attached herewith 3 sets of Pre-qualification of M/s. Ecotherm Contracting L.L.C for the works of MEP in the aforesaid project.

This is for your kind perusal and approval.

Best Regards,

For & on behalf of Ghantoot Tpt. & Gen. Cont. Est. – Building Division.



Encl: As stated above



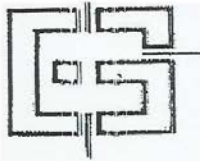
### Sub-Contractor / Supplier Submittal Form

Record Reference: ENSC/MEP/1		Date: 28/09/2010
<b>Project Details:</b>		
Project Name: Pilot Lounge Building (Emirate Palace)		
Client: Ministry of Presidential Affairs		PMC:
Engineer: Future Architecture Consultant	Contractor: Ghantoot Tpt & Gen. Cont. Est. Building Division	
IR No:	Rev No:	

Discipline	<input type="checkbox"/> Civil	<input type="checkbox"/> Architecture	<input checked="" type="checkbox"/> Mechanical	<input checked="" type="checkbox"/> Electrical	<input type="checkbox"/> Others
Description of work to be performed: MEP Works					

<b>Sub-Contractor / Supplier Detail:</b>		<b>Attachment:</b>
Name: ECO THERM Contracting L.L.C		Chamber of Commerce: <input checked="" type="checkbox"/>
Trade: Electromechanical Services		UAE License: <input checked="" type="checkbox"/>
Experience: 6 Years		Municipal License: <input type="checkbox"/>
Location: Abu Dhabi		Other Licenses: <input type="checkbox"/>
Address: Abu Dhabi		Pre-qualification: <input checked="" type="checkbox"/>
Contact Name:		
Phone #: 02-6320202		
Is the company certified against any quality standards: YES		
Adherence to quality system: YES		
Adherence to HSE: YES		
Is the company OHSAS 18001 (Health and Safety Certified) YES		

Contractor Signature and Stamp		Date: 28 / 09 / 2010
Received By		Date: 29/9/10
The Engineer:		
<input checked="" type="checkbox"/> A- Approved <input checked="" type="checkbox"/> B- Approved with Comments <input type="checkbox"/> C- Revise and Resubmit <input type="checkbox"/> D- Rejected		
Comments:		
<p>- Approved Subcontractor should be Commitments for all Authorities requirements (ADPC, ETISALAT, ASSC, CIVIL Defence, ...) and Eng Approval, client Representative</p> <p>- Coordination Drawing should coordinate with Existing Service (Emirate Palace) Submittal to Eng for approval</p>		
Reviewed By & Signature: (The Engineer)		Approved By & Signature: (The Engineer)
Received By (The Contractor)		Date: 30/08/2010
Distribution:		
<input type="checkbox"/> Engineer		<input type="checkbox"/> Contractor



مكتب بيروت للاستشارات الهندسية  
BRANCH OF "BEC" (INTERNATIONAL)  
BEIRUT ENGINEERING CONSULTING GROUP (INTERNATIONAL) - BEIRUT - LEBANON  
**Beirut Engineering Consulting Bureau**

ABU DHABI - P.O. BOX 46284 - U.A.E.  
TELEPHONE: (9712) 6272565  
FAX NO. : (9712) 6270053  
BEIRUT - HAZAMTIEH - P.O. BOX 357  
TELEPHONE: (961-3) 170031  
E-mail : becin@emirates.net.ae  
www.becinfla.com

Your ref

Our ref

Date

20940/ 1831/1772  
31/07/2010

اشارتكم

اشارتنا

التاريخ

To: M/s Ghantoot Group  
Attn: Engr. Abdul Rahman Sabra – Tender Department  
Project: Abu Dhabi Execution Building  
Subject: Precqualification of Electromechanical Works

Dear Sir,

Reference to the above mentioned subject, we would like to inform you that we have no objection as the client has approved of the subcontractor which stated in the minutes of meeting dated 28/07/2010, and as long as M/s Ghantoot is fully responsible for the work will be done by ECOTHERM.

This is for your kind information.

Regards,

Labib Abou Atme  
CEO/General Manager

MH/LE



Morganti Group Inc.  
Project Management Division



مورجنتي جروب إنك  
شعبة إدارة المشاريع

Attention M/s.  
Ghantoot Transport & Gen. Cont. Est.  
Abu Dhabi – U.A.E

Ref	: MGI/JD/ED/AN/00637
Date	: 21 <sup>st</sup> July 2010
Attention	: Mr. Hani Shmes Executive Department
Project	: Construction & Maintenance Projects in Abu Dhabi Judicial Department Building
Subject	: Execution Department MEP subcontractor ECOTHERM

Dear Mr. Hani,

With reference to your letter ref. GTGCE-BD/CTM-135/10 on July 18th 2010 regarding the subject matter, we would like to highlight that the proposed MEP subcontractor is fully a mechanical works oriented and has no proven track in electrical works as noticed from his CVs.

However, we accept the nomination of the above as GGC subcontractor on the Execution Building project conditional to the following:

1. Our approval is subject to their performance on the project.
2. ECOTHERM shall have one professional MEP coordinator on the project.
3. GGC shall be fully responsible for all Authority approval acquirement and handing over.

This is for your information and further action.

Best regards,

for Morganti Group Inc.

Eng. Adnan Natour  
Project Manager

Cc:  
Ezzat Hassan, Construction & Maintenance dept. Manager (ADJD)  
Ahmad Al Hashimi, Projects Main Engineer (ADJD)  
Ibraheem Oudeh, Engineer (ADJD)  
Labib Abou Atme, CEO (BECB)  
Nabhan Bazbaz, Sr. Projects Director (MGI)

**United Arab Emirates**  
**Armed Forces**  
**Special Operations Command**  
**Contracts & Finance Department**  
**P.O. Box: 128889 – Abu Dhabi**  
**TEL: +971-2-6153816/6153570/6153815**  
**FAX: +971-2-5588017**

**دولة الإمارات العربية المتحدة**  
**القوات المسلحة**  
**قيادة العمليات الخاصة**  
**شعبة العقود والمالية**  
**ص.ب. ١٢٨٨٨٩ - أبوظبي - الإمارات العربية المتحدة**  
**هاتف: +٩٧١-٢-٦١٥٣٨١٦/٦١٥٣٥٧٠/٦١٥٣٨١٥**  
**فاكس: +٩٧١-٢-٥٥٨٨٠١٧**

**Contract No.SOC/CFD/SCM/2010/174**  
**Supply and installation of A/C units and Central A/C System**  
**(Package Unit) for Hangers, for new Special Operations**  
**Regiment at Sas Al Nakhel Camp.**

**عقد رقم : SOC/CFD/SCM/2010/174**  
**توريد وتركيب وحدات ومعدات تكييف هواء مركزية للهناجر**  
**بكتيبة العمليات الخاصة الجديدة بمعسكر ساس النخل.**

**This Contract has been made on :**  
**/ /1431**  
**Which corresponds / /2010**

**انه في يوم: / /١٤٣١هـ**  
**الموافق: ٠٣ / ٠٣ / ٢٠١٠م**

**Contract is signed in the city of Abu Dhabi between: وفي مدينة أبو ظبي حرر هذا العقد بين كل من:**

**1.SPECIAL OPERATIONS COMMAND, U.A.E**  
**ARMED FORCES, hereinafter called the First**  
**Party and represented by :**

**١. قيادة العمليات الخاصة للقوات المسلحة لدولة الإمارات**  
**العربية المتحدة، و المشار إليها فيما بعد في هذا العقد بالطرف**  
**الأول و يمثلها في التوقيع:**

**STAFF MAJOR GENERAL**  
**JUMA AHMED AL BAWARDI AL FALASI**  
**S.O.C COMMANDER**

**اللواء الركن**  
**جمعة أحمد البواردي الفلاسي**  
**قائد العمليات الخاصة**

**2. M/S. Ecotherm Contracting L.L.C**  
**P.O Box: 106345 Abu Dhabi, U.A.E.**

**٢. السادة: ايكوثيرم للمقاولات ذ.م.م**  
**وعنوانها ص ب: ١٠٦٣٤٥ أبو ظبي-الإمارات العربية المتحدة**

**hereinafter called the Second Party in this**  
**contract, and represented by the signatory :**

**ويشار إليها فيما بعد في هذا العقد بالطرف الثاني ويمثلها في**  
**التوقيع:**

**Mr. : Tarek Ziad Ashak Siam**  
**DESIGNATION : General Manager**  
**NATIONALITY : Jordanian.**

**السيد: طارق زياد اسحق صيام**  
**الوظيفة: مدير عام**  
**الجنسية: الأردن**





## CLAUSE – 2

The Second Party undertake to execute the design, supply, installation, Construction and Completion of the Works in accordance with the proper technical standard and in accordance with the requirements of the documents referred to in the introduction to this Contract. The Second party shall study and check the provided designs and prepare the final design plan, and shall be responsible for correctness of the same as though they have been designed by the Second Party.

## CLAUSE – 3

The Second Party hereby declares that he himself studied all the tender documents and is fully aware of the details of the said Works and that the tendered Lump Sum Price is based on his study of the details of the works and is sufficient to cover all a cost of design, supply, installation, construction, completion and maintenance of the works. The Second Party shall not make any amendment to any conditions, design or drawings except with the written approval of the First Party or his representative. The Second Party undertakes to notify the First Party of any error or omission he may find in the said documents. Failing to notify the First Party, the Second Party shall be held responsible for such error or omission.

## CLAUSE – 4

### 1:Contract price

It is hereby agreed between the two parties that the Contract Price for the Works is a Lump Sum Price of AED 43,800,000 (FORTY THREE MILLION AND EIGHT HUNDRED THOUSAND rham only) and shall be paid by the First Party to the Second Party in UAE Currency for the Design, supply, installation, Construction, Completion and Maintenance of the works including the supply of all material, equipment, transport, labourers and payment of wages, etc. all as required for the satisfactory design, construction, completion and maintenance of the Works in accordance with this Contract and appendices thereto.

Cont'd...

## البند - ٢

يتعهد الطرف الثاني بأن يقوم بتصميم و توريد وتركيب و إنشاء وإنجاز الأعمال محل هذا العقد، وذلك طبقاً للمستويات الفنية الصحيحة ووفقاً للوثائق والمستندات المشار إليها في هذا التعهد الوارد بهذا العقد، و على الطرف الثاني دراسة و متابعة المخططات وتحضير التصميم النهائي و يعتبر مسئولاً عنها و إنها قد تم تصميمها بمعرفة

## البند - ٣

يقر الطرف الثاني بأنه قد أطلع شخصياً على جميع وثائق العطاء وأنه قد ألم إماماً تاماً بجميع التفاصيل المتعلقة بتنفيذ الأعمال المذكورة، كما يقر أيضاً بأن السعر الإجمالي الوارد بالعطاء مقدم بناءً على دراسته لكل تفاصيل الأعمال وأن هذا السعر يكفي لتغطية كافة تكاليف التصميم و التوريد و التركيب و الإنشاء والإجاز والصيانة للأعمال، ولا يجوز للطرف الثاني إجراء أي تعديل لأي من الشروط والمواصفات والتصاميم أو الرسومات إلا عند الحصول على موافقة كتابية بذلك من الطرف الأول أو من ينوب عنه، كما يتعهد الطرف الثاني بأخطار الطرف الأول عن أي أخطاء أو سهو يجدها في الوثائق والمستندات الآتفة الذكر، فإن لم يخطر الطرف الأول بذلك يكون مسئولاً عن هذا الخطأ أو السهو .

## البند - ٤

### ١. قيمة العقد

من المتفق عليه فيما بين الطرفين أن قيمة الأعمال موضوع هذا العقد هي مبلغ إجمالي مقطوع قدرة ٤٣,٨٠٠,٠٠٠ درهم فقط وثلاثة و أربعون مليون و ثمانمائة ألف درهم لا غير ، ويتم دفعه بواسطة الطرف الأول إلى الطرف الثاني بعملة دولة الإمارات العربية المتحدة وذلك مقابل تصميم و توريد و تركيب و إنشاء وإنجاز وصيانة الأعمال، ويشمل ذلك توريد جميع المواد اللازمة و المعدات و الآليات و ووسائل النقل و التنقل و الأيدي العاملة، وكذلك المدفوعات والأجور وخلافه، وذلك حسب ما يتطلبه تصميم و إنشاء و اناجاز وصيانة الأعمال على الوجه الأكمل وبما يتطابق مع هذا العقد والمستندات الملحقة به .



SOC/CFD/SCM/2010/174

3 of 21



الطرف الأول



بسم الله الرحمن الرحيم

قيادة العمليات الخاصة  
شعبة الإمداد

مدير مشاريع قيادة العمليات الخاصة

الرقم : ش م / ع خ / ٥٠٣ / ٢٠٠٩ / ٠٩ / ٢٥

التاريخ : ذوالحجة ١٤٣٠ هـ

٢٠٠٩ / ١٢ / ١٠

السادة : مؤسسة ترست للإشاعات

الموضوع : العقد رقم SOC/CFD/SC/2009/503

اعتماد مقاولي الباطن

الإشارة : - كتابكم رقم ترست م / خ / ٥٧ / ٠٩ بتاريخ ٢٥ / ١١ / ٢٠٠٩ .

١ . نعلمكم بموافقتنا على اقتراحكم بشأن قيام السادة / إيكو ثيرم للمقاولات ذ.م.م كمقاول باطن للقيام لأعمال التكيف بالمشروع أعلاه .

٢ . عليكم تقديم المخططات والمواد طبقا للمواصفات الفنية المطلوبة للاعتماد .

٣ . هذه الموافقة لا تعفيكم من المسؤولية كمقاول رئيسي للمشروع .

شاكرين حسن تعاونكم

النقيب مهندس  
مدير مشاريع قيادة العمليات الخاصة  
محمد مبارك محمد الجنيبي

Office of Sheikh  
Ahmed Bin Tahnoon Al Nahyan



مكتب الشيخ  
أحمد بن طحنون آل نهيان

التاريخ: 2009/10/03م

السادة/ شركة بيلدكس انترناشونال للمقاولات العامة المحترمين

الموضوع : اعتماد مقاول باطن للتكييف المركزي

مشروع: إنشاء قلل استراحة (جزيرة بلعيم)

تحية طيبة وبعد،،

بالإشارة لخطابكم المؤرخ في 2009/10/01 والخاص بطلب اعتماد مقاول الباطن لأعمال التكييف المركزي بالمشروع المذكور أعلاه، وبعد الدراسة نعلمكم بأنه لا مانع لدينا من اعتماد السادة/ شركة ايكوثيرم للمقاولات كمقاول باطن لتنفيذ اعمال التكييف حسب الرسومات والمواصفات المتفق عليها.

وتفضلو بقبول فائق الاحترام والتقدير،

مكتب الشيخ

أحمد بن طحنون آل نهيان



القيادة العامة للقوات المسلحة  
هيئة الامداد  
قيادة الأشغال العسكرية  
شعبة المشـاريـع  
مكتب مهندس الموقع – ميناء زايد

الرقم : أع/ح- ٢٠٠٨/٠٧٠ /  
التاريخ : ٢٠٠٨/١٠/٣٠

السادة/ مؤسسة ترست للإنشاءات

الموضوع: العقد رقم أع/ح/ ٢٠٠٨/٠٧٠

الإشارة :

- كتابكم رقم : ترست/م ز/ ٠٥٦/٠٨ بتاريخ ٢٨/١٠/٢٠٠٨

- نعلمكم بأنه لا مانع من اعتماد مقاولي الباطن الذين تم تقديمهم من قبلكم في الجدول المرفق، للعلم بأنه هذه الموافقة لا تعفيكم من مسؤولية كمقاول رئيسي للمشروع.

- لإجراءاتكم ..... لطفًا.

ملازم/١ مهندس  
ابتسام سليم الجديدي

نسخه إلى:

- رئيس قسم مشاريع أبوظبي .
- المتابعة .
- الملف



هيئة الامداد

قيادة الاشغل العسكريه

شعبة المشاريع

مكتب مهندس الموقع - ميناء زايد

الرقم : اع/ح - 2008/244

التاريخ : 2008/10/30

السادة / مؤسسة ترست للانشاءات

الموضوع / العقد رقم ع/ح - 2008/244

اعتماد مقاولى الباطن

1-	يوني بيتون ردى مكس	مقاول باطن لتوريد الخرسانة الجاهزة
2-	ايكوثيرم للمقاولات ذ.م	مقاول باطن لتنفيذ اعمال التكييف
3-	مصنع بيروت للألمنيوم والزجاج	مقاول باطن لتنفيذ اعمال الألمنيوم والزجاج
4-	شركة طليطلة للتجارة ذ.م	مقاول باطن لتنفيذ اعمال العزل

نسخة الى :

- رئيس قسم مشاريع ابوظبى

- المتابعة

- الملف

القيادة العامة للقوات المسلحة  
هذه الامداد  
قيادة الأشغال العسكرية  
شعبة المشاريع  
مكتب مهندس الموقع - ميناء زايد

الرقم : أع - / ٢٠٠٨ / ١٠٣  
التاريخ : ٢٠٠٨ / ٠٧ / ١٣

السادة / مؤسسة ترست للإتشاءات

الموضوع: العقد رقم أع / ١ / ٢٠٠٨ / ١٠٣  
إعتماد مقاولي الباطن

الإشارة إلى كتابكم رقم ترست/م/ز/٠٨/٠٣١ بتاريخ ٢٥/٠٦/٢٠٠٨

- نعلمكم بموافقتنا على اقتراحكم بشأن اعتماد السادة/ايكوثيرم للمقاولات ذ.م.م. كمقاول باطن لتنفيذ أعمال التكييف بالمشروع أعلاه.
- عليكم تقديم المخططات التنفيذية و المواد اللازمة حسب المواصفات الفنية المطلوبة للاعتماد.
- عليكم تقديم تعهد لتنفيذ جميع الأعمال بواسطة مقاول الباطن المعتمد أعلاه مع إرفاق إثبات يفيد ذلك بكتاب من مقاول الباطن ، مع العلم أن هذه الموافقة لا تعفيكم من المسؤولية كمقاول رئيسي للمشروع.
- لإجراءاتكم..... نطفأ.

ملازم / مهندس  
إيتسام سليم الجديدي

- نسخة إلى:
- رئيس قسم مشاريع أبوظبي .
  - المتابعة .
  - الملف

### SCHEDULE OF EXHAUST FAN

ITEM	CFM	QTY	TYPE
EFX1-1	100	9	Glass Mounted
EFX2-1	300	4	Duct Inline

### VAV

SIZE	QTY
00 X350	6
00 X300	2
00 X350	10
00 X350	12
50 X350	2
00 X350	2
50 X350	3
50 X350	2
50 X350	10
50 X350	1

*Handwritten notes in Arabic:*  
 كسيت مع الحثثات  
 20/05/09  
 20/05/09  
 20/05/09



no.	date	eng	revisions
.4	16-05-2009		03
.3	20-04-2009		02
.2	08-01-2009		01
.1	10-10-2008		00

CLIENT  
**CNIA - SWAYHAN TRAINING FACILITIES**

A/C CONTRACTOR:  
**ECOTHERM**  
 Contracting L.L.C  
 Tel:02-6320202 Fax:02-6322205 P.O.BOX:106345  
 Abu Dhabi U.A.E

JOB TITLE  
**AIR CONDITIONING WORK SHOP DRAWING**

DRAWING TITLE  
**GROUND FLOOR PLAN REVISION-2**

designed Jenesh Joseph	coordinated	drawing no.	
checked Tareq Z Siam	approved	revision suffix	
scale 1/200	date 20/04/2009	drawn Jenesh Joseph	job no.

ADDRESS  
 TEL:971 2 6275444-FAX:971 2 6269691  
 P.O.Box : 34140 - Abu Dhabi - U.A.E.  
 E MAIL : pres\_tig@emirates.net.ae





no.	date	ing	revision
CLIENT			
<p align="center"><b>CNIA - SWAYHAN TRAINING FACILITIES</b></p>			
A/C CONTRACTOR:			
<p align="center"><b>ECQ THERM</b></p> <p align="center">Contracting L.L.C</p> <p align="center">Tel:02-6320202 Fax:02-6322205 P.O.BOX:106345 Abu Dhabi U.A.E</p>			
JOB TITLE			
<p align="center"><b>MESS BUILDING</b></p>			
DRAWING TITLE			
<p align="center"><b>ROOF FLOOR PLAN</b></p>			
designed Jenash Joseph	coordinated	drawing no. A/C - 02	
checked Tareq Z Skem	approved	revisori suffix	
scale 1/100	date 25/01/2009	drawn Jenash Joseph	job no.

بسم الله الرحمن الرحيم

قيادة الأشغال العسكرية  
شعبة المشاريع

قسم مشاريع / ع / ٤

الرقم: ش م / ع / ٤ / ١٨٥ / ٢٠٠٧ / ٣٦٩

التاريخ: ٢ / ٤ / ٢٠٠٨ م

السادة مؤسسة ترست للإشاعات

الموضوع : العقد رقم أ ع / ١ / ١٨٥ / ٢٠٠٧

اعتماد مقاولي الباطن

بتاريخ ٢٤ / ٣ / ٢٠٠٨ م

الإشارة : كتابكم رقم ترست / ع / ١٨٥ / ٣٥ / ٠٨

١. نعلمكم بموافقتنا على إقتراحكم بشأن قيام السادة / شركة إيكوترم للمقاولات كمقاول باطن لأعمال التكيف للعقد أعلاه.
٢. عليكم تقديم تعهد لتنفيذ جميع الأعمال بواسطة مقاول الباطن المعتمد أعلاه مع إرفاق كتاب بذلك من مقاول الباطن .
٣. هذه الموافقة لا تعفيكم من المسؤولية كمقاول رئيسي للمشروع .

مع تمنياتنا لكم بالتوفيق،،،



ع / نقيب مهندس /

رئيس قسم مشاريع / ع / ٤

ملازم / ١ مهندس يحيى راشد عبيد آل على

نسخة الى :-  
رئيس شعبة المشاريع للتفضل بالعلم .  
مهندس عماد حمدي .  
الملف -

OFFICE OF H H THE PRESID

**UNITED ARAB EMIRATES**  
**Ministry Of Presidential Affairs**



**مملكة الإمارات العربية المتحدة**  
**وزارة شؤون الرئاسة**

**Date: 15/03/2007**

**Mr. Tarek Ziad**  
**Ecotherm Co.**  
**P.O. Box 106345**  
**Abu Dhabi, UAE**

**Subject: Maintenance of Horses Swimming Pool in Al Wathba**

We would like to confirm to you our approval on your proposal dated 24/02/2007 (ref no. 400/ح/2007) regarding the works of the above mentioned project and as per the details mentioned in your proposal

**Yours sincerely,**

**Eng. Salem Al Kaabi**





بسم الله الرحمن الرحيم

قيادة الأشغال العسكرية  
شعبة المشاريع  
المهندس المقيم لمشاريع ساس النخل  
التاريخ : ٥ / ٢ / ٢٠٠٧


السادة / مؤسسة الملا للمقاولات العامة  
الموضوع : العقد رقم أع/ع/٤٠٠/٢٠٠٧  
إعتماد مقاولي الباطن

الإشارة : كتابكم رقم خ س / أع ٥٠٠/٢٠٠٧ . بتاريخ : ١٦ / ١٢ / ٢٠٠٧ .

١. نعلمكم بموافقتنا على اقتراحكم بشأن قيام السادة / إيكوثيرم للمقاولات كمقاول باطن للقيام بأعمال التكييف للمشروع أعلاه.
٢. عليكم تقديم المخططات والمواد طبقاً للمواصفات الفنية المطلوبة للاعتماد.
٣. هذه الموافقة لاتعفيكم من المسؤولية كمقاول رئيسي للمشروع.

شاكرين حسن تعاونكم

المهندس المقيم لمشاريع ساس النخل  
سهيل عبود مطلق الدرمكي



نسخة إلى :  
— رئيس شعبة المشاريع - للتفضل بالعلم.  
— مهندس المشروع - للمتابعة .

بسم الله الرحمن الرحيم

الأشغال العسكرية  
شعبة المشاريع  
المهندس المقيم لمشاريع ساس النخل  
التاريخ: ٢٩ / ٠٤ / ٢٠٠٧

مؤسسة ترست للإستشارات  
الموضوع: العقد رقم ع/ع/٤٦٣/٢٠٠٧  
إعتماد مقاولي الباطن

الإشارة: كتابكم رقم ترست/٤٦٣/٠٨/٠١٩ بتاريخ: ٠٦/٠٤/٢٠٠٨.

١. حسب موافقة مهندسي التخصص نعلمكم بموافقتنا على اقتراحكم بشأن قيام السادة / ايكوثيرم للمقاولات كمقاول باطن لأعمال التكيف للمشروع أعلاه.
٢. عليكم تقديم المخططات والمواد طبقاً للمواصفات الفنية المطلوبة للاعتماد. إلى جانب تقديم تعهد من طرفكم بضمان جودة المنتج وجودة التركيب.
٣. هذه الموافقة لاتعفيكم من المسؤولية كمقاول رئيسي للمشروع.

شاكرين حسن تعاونكم

المهندس المقيم لمشاريع ساس النخل  
مهندس/سهيل عبد مطلق الدرمكي

٢٩ / ٠٤ / ٢٠٠٨

نسخة إلى :-  
رئيس شعبة المشاريع - للتفضل بالعلم.  
مهندس المشروع - للمتابعة .

بسم الله الرحمن الرحيم

G.H.Q. ARMED FORCES  
LOGISTICS STAFF  
Directorate of Military works  
Projects Department



القيادة العامة للقوات المسلحة  
هيئة الإمداد  
مديرية الأشغال العسكرية  
شعبة المشاريع  
الرقم : ش م / أع - ع - ٢٢١ - ٢٠٠٦ / ٩  
التاريخ : ذو القعدة ١٤٢٧ هـ  
١١ / ١٢ / ٢٠٠٦ م

السادة / مؤسسة ترست للتشاعات

الموضوع : العقد رقم أع - ع - ٢٢١ - ٢٠٠٦  
اعتماد مقاولي الباطن

تاريخ : ١٠ / ١٢ / ٢٠٠٦ م

الإشارة : كتابكم رقم ترست / ١٠ / ٠٦ / ٢٢١

١. نعلمكم بموافقتنا على اقتراحكم بشأن اعتماد السادة / مؤسسة ايكو ثيرم للأعمال الميكانيكية والكهربائية والصيانة كمقاول باطن لتوريد وتركيب التكييف بالمشروع اعلاه.
٢. عليكم تقديم المخططات التنفيذية والمواد اللازمة للاعتماد طبقاً المواصفات الفنية المطلوبة.
٣. عليكم تقديم تعهد لتنفيذ جميع الأعمال بواسطة مقاول الباطن المعتمد اعلاه مع إرفاق إثبات يفيد ذلك بكتاب من مقاول الباطن ، مع العلم أن هذه الموافقة لا تعفيكم من المسؤولية كمقاول رئيسي للمشروع.
٤. لإجراء اتكم ..... وشكراً.

ع/المقدم د. مهندس  
رئيس شعبة المشاريع بالوكالة  
نقيب مهندس حمدان ثاني ثالث الشكيلي

نسخة إلى :-

- ساس النخل.
- المتابعة.
- الملف.

هاتف : 971 2 618 83 53  
فاكس : 971 2 618 63 45

مديرية الأشغال العسكرية  
شعبة المشاريع

صندوق 309 (1000)



بسم الله الرحمن الرحيم

G.H.Q. ARMED FORCES  
LOGISTICS STAFF  
Directorate of Military works  
Department of Projects



القيادة العامة للقوات المسلحة  
هيئة الإمداد  
مديرية الأشغال العسكرية  
شعبة المشاريع  
الرقم : ش م / ع - ٣٩٨ - ١ / ٢٠٠٦  
التاريخ : رجب ١٤٢٨ هـ  
٢٠٠٦ / ٨ / ١٥ م

السادة / مؤسسة ترست للإنشاءات

الموضوع : العقد رقم أع - ع - ٣٩٨ - ٢٠٠٦  
اعتماد مقاولي الباطن

الإشارة : كتابكم رقم ترست / ٣٩٨ / ٠٧ / ٠٠٥ بتاريخ ٢٠٠٧ / ٠٨ / ٠٥ م

١. نعلمكم بموافقتنا على اقتراحكم بشأن قيام السادة / ليكوثيرم للمقاولات - ذ.م.م. كمقاول باطن لتنفيذ أعمال التكيف بالمشروع أعلاه .

٢. يتم تقديم المخططات التنفيذية والمواد اللازمة حسب المواصفات الفنية المطلوبة للاعتماد .

٣. عليكم تقديم تعهد لتنفيذ جميع الأعمال بواسطة مقاول الباطن المعتمد أعلاه مع إرفاق إثبات يقيد ذلك بكتاب من مقاول الباطن ، مع العلم أن هذه الموافقة لا تعفيكم من المسؤولية كمقاول رئيسي للمشروع .

٣. لإجراءكم ..... وفكرًا .

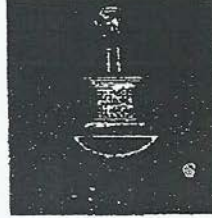
المقدم مهندس  
رئيس شعبة المشاريع بالوكالة  
محمد علي كلفوت الخوار

نسخة إلى :-

- المهندس المقدم بمشاريع قيادة العمليات الخاصة .
- المتابعة .
- الملف .

بسم الله الرحمن الرحيم

G.H.Q. ARMED FORCES  
LOGISTICS STAFF  
Directorate of Military works  
Projects Department



القيادة العامة للقوات المسلحة  
هياكلية الإمداد  
مديرية الأشغال العسكرية  
شعبة المشاريع  
الرقم : ش / م / أع - ج - ٤٣١ - ٢٠٠٥ / ٥  
التاريخ : رمضان ١٤٢٧ هـ  
٢٠٠٦ / ٩ / ٢٦ م

السادة / مؤسسة ترست للإنشاءات  
الموضوع : العقد رقم أع - ج - ٤٣١ - ٢٠٠٥  
اعتماد مقاولي الباطن

بتاريخ ٢٠٠٦ / ٩ / ١٧ م

الإشارة : كتابكم رقم ترست / ٤٣١ / ٥ / ٢٠٠٦ م

١. نطمح بموافقتنا على اقتراحكم بشأن اعتماد السادة / نيكو ثيرم للأعمال الميكانيكية والكهربائية والصيانة كمقاول باطن لأعمال التكيف بالمشروع أعلاه .
٢. يتم تقديم المخططات التنفيذية والمواد اللازمة حسب المواصفات الفنية المطلوبة للاعتماد .
٣. عليكم تقديم تعهد لتنفيذ جميع الأعمال بواسطة مقاول الباطن المعتمد أعلاه مع إرفاق إثبات يفيد ذلك بكتاب من مقاول الباطن ، مع العلم أن هذه الموافقة لا تعفيكم من المسؤولية كمقاول رئيسي للمشروع .
٤. لإجراماتكم .... وشكراً .

ع/المقدم د. مهندس  
رئيس شعبة المشاريع بالوكالة  
رائد مهندس علي سعيد مصباح النياضي

لمحة إلى :-

- المهندس المقدم بالمقابلة .
- المتابعة .
- الملف .



هاتف : 971 2 618 83 53  
فاكس : 971 2 618 83 45

مديرية الأشغال العسكرية  
شعبة المشاريع  
صندوق بريد (1000) 309

بسم الله الرحمن الرحيم

G.H.Q. ARMED FORCES  
LOGISTICS STAFF  
Directorate of Military works  
Projects Department



القيادة العامة للقوات المسلحة  
هيئة الإمداد  
مديرية الأشغال العسكرية  
شعبة المشاريع  
الرقم : ش م/أع-ع-٤١٤-٢٠٠٤/٩  
التاريخ : ربيع الأول ١٤٢٧ هـ  
: ١٢ / ٤ / ٢٠٠٦ م

السادة / مؤسسة الملا للمقاولات العامة

الموضوع : العقد رقم أع-ع-٤١٤-٢٠٠٤  
اعتماد مقاولي الباطن

الإشارة : كتابكم رقم ع م / ٢٠٠٦ / ٥ بتاريخ ٢٠٠٦ / ٤ / ٩ م

- ١ . نعلمكم بموافقتنا على اقتراحكم بشأن قيام السادة / مؤسسة ايكوثيرم للمقاولات الالكتروميكانيكية والصيانة العامة كمقاول باطن لتنفيذ أعمال التكيف بالمشروع اعلاه .
- ٢ . يتم تقديم المخططات التنفيذية والمواد اللازمة حسب المواصفات الفنية المطلوبة للاعتماد .
- ٣ . عليكم تقديم تعهد لتنفيذ جميع الأعمال بواسطة مقاول الباطن المعتمد اعلاه مع إرفاق إثبات يفيد ذلك بكتاب من مقاول الباطن ، مع العلم أن هذه الموافقة لا تعفيكم من المسؤولية كمقاول رئيسي للمشروع .
- ٣ . لإجراءتكم ..... وشكرا .

ع/المقدم د. مهندس  
رئيس شعبة المشاريع بالوكالة  
ملازم / مهندس محمد عبدالله الشامسي

نسخة إلى:-

- مدير مشاريع قيادة العمليات الخاصة .
- المتابعة .
- الملف .



بسم الله الرحمن الرحيم

القيادة العامة للقوات المسلحة

هيئة الإمداد

مديرية الأشغال العسكرية

التاريخ: ٢٠٠٦ / ٠٤ / ٠٤

### نموذج اعتماد مقاولي الباطن

١. بيانات المشروع :-  
رقم العقد: أ/ع/٤١٤/٢٠٠٤ المقاول: مؤسسة للملا للمقاولات  
اسم المشروع: انشاء مبنى جناح تدريب العمليات البرمائية والغطس بسلس النخل.  
تاريخ بداية المشروع: لم يسلم موقع العمل تاريخ نهاية المشروع:  
قيمة العقد الكلية: ٥,٨٥٠,٠٠٠ قيمة العمل المطلوب:  
نوع العمل المطلوب: أعمال للتكيف للمشروع.

### ٢. بيانات مقاولي الباطن المرشحين :-

البيان	الإسم	الخبرة مع القوات المسلحة	أماكن
المرشح الأول	مؤسسة ايكوتيرم	لدية سابق خبرة	متوسطة
المرشح الثاني	شركة الاعتماد للمقاولات	لدية سابق خبرة	متوسطة
المرشح الثالث	شركة فياض الهندسية	لا يوجد له	(طريفة)

### ٣. الإجراء:

توصية مهندس التكيف:

لأننا نحن مع اعتماد المرشح الأول مؤسسة ايكوتيرم لتنفيذ أعمال العقد  
حيث اننا قد قمنا بتقييم مقاولي الباطن المرشحين في حالة عدم قدرة المرشح  
الذي علمه بتنفيذ الأعمال المراد في المنطقة وذلك بعدة أعمال التوقيع: ( )  
هذا العقد تحت إشراف رئيس شعبة المشاريع:  
قرار رئيس شعبة المشاريع:

التوقيع: ( )

رئيس شعبة المشاريع

بسم الله الرحمن الرحيم

G.H.Q. ARMED FORCES  
LOGISTICS STAFF  
Directorate of Military works  
Project Department



القيادة العامة للقوات المسلحة  
هيئة الإمداد  
مديرية الأشغال العسكرية  
شعبة المشاريع  
الرقم : ش م / أع - ج - ١٢٦ - ٢٠٠٥ / ٩  
تاريخ : ١٤٢٦ هـ / ٩ / ٢٠٠٥ م

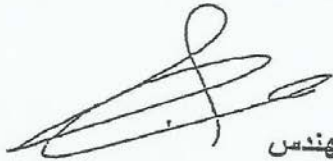
✓ العادة / مؤسسة الثروات للمقاولات العامة المحترمين

الموضوع : العقد رقم أع - ج - ١٢٦ - ٢٠٠٥  
اعتماد مقاولي الباطن

تاريخ ٢٨ / ٨ / ٢٠٠٥ م

الإشارة : كتابكم رقم أع / ١٢٦ / ٢٠٠٥ م

١. نعلمكم بموافقتنا على اقتراحكم بشأن قيام السادة / مؤسسة إيكوثيرم للمقاولات الالكتروميكانيكية والصيانة العامة كمقاول باطن للقيام بأعمال التكيف للمشروع أعلاه .
٢. عليكم تقديم المخططات والمواد طبقاً للمواصفات الفنية المطلوبة للاعتداد .
٣. عليكم تقديم تعهد لتنفيذ جميع الأعمال بواسطة مقاول الباطن المعتمد أعلاه مع إرفاق إثبات يفيد ذلك بكتاب من مقاول الباطن ، مع العلم أن هذه الموافقة لا تعفيكم من المسؤولية كمقاول رئيسي للمشروع .
٤. لإجراءاتكم .... وشكراً .



المقدم د. مهندس

رئيس شعبة المشاريع بالوكالة  
مطر محمد سيف النعيمي

نسخة إلى :-

- المينس المقيم لمشاريع المناظرة .. الضم و المتبعة .
- المتبعة .
- المتف .



**HEBERGER ENGINEERING**  
CONSULTING ENGINEERS

مهندسين  
مستقلين

Ref : 0638/06  
Date : 26 February 2006

Messrs. Desert Construction Co.  
P.O. Box 44063  
Abu Dhabi  
United Arab Emirates

Dear Sirs,

SUB: FIVE RESIDENTIAL VILLAS  
AL TWAYYA ZONE AL-AIN  
SUBMITTAL FOR A/C SUB-CONTRACTOR

With reference to the above-mentioned project, and to your letter dated 15/2/2006, please note that M/s. Ecotherm is approved as a sub-contractor for the A/C work on condition that he must fulfill all the requirements of the particular and general specifications of the project and subject to his performance on site.

Thank you.

*Bassam Khaled Abbas*  
Bassam Khaled Abbas  
Managing Partner



Heberger Engineering  
مهندسين مستقلين

Cc. Mr. Saleem Al Kaabi – Ministry of Presidential Affairs.



### عقد اتفاق مقاول باطن

الطرف الأول : شركة بنار لصناعة الجدران

الطرف الثاني : شركة إسكوتيرم للتقنيات الإلكترونية والميكانيكية

مدة العقد الباطن : من ٢٠١١/٦/٢٦ إلى ٢٠١١/٧/٢٠

مدة العقد الرئيسي : من ٢٠١١/٦/٢٦ إلى ٢٠١١/٧/٢٠ (بالنسبة للعقد الرئيسي من تاريخ أمر المباشرة ، رخصة البناء ، محضر التسليم)

القيمة : ٨٠٠,٠٠٠ (ثمانمائة ألف ومائة فقط جاتر)

طبيعة العمل : تدريب وتثبيت الأنظمة الخاصة بالتكييف والتبريد

موقع العمل : الطويح - دبي

يتحمل الطرف الثاني مسؤولية عماله كاملة

تاريخ انتهاء الرخصة التجارية للطرف الأول : ٢٠١١/٧/٢٠ : طبيعة النشاط : مقاولات عامة

تاريخ انتهاء الرخصة التجارية للطرف الثاني : ٢٠١١/٥/٢٠ : طبيعة النشاط : مقاولات إلكترونية

توقيع الطرف الثاني

ختم الاستشاري

Heberger Engineering  
مهندسين استشاريين



شروط أخرى :



المس

# AL THARAWAT



Ref No: SF /2005/469/  
DATE: 8 / 12 / 2005

## LETTER OF INTEND

مؤسسة الثروات للمقاولات العامة  
AL THARAWAT GENERAL CONT. EST.

TO: Eco Therm Electromechanical & Maintenance  
ATTENTION: Tareq Ziad Siam,

**PROJECT** : - 2 Building in al Dhafra Air Base  
**SUBJECT** : - Supply, installation, commissioning, and maintenance

Dear Sir,

Reference to your letter dated 05/12/2005 with Ref. No.120. We are pleased to confirm our acceptance

Against the following items as mentioned below:

1. As your letter mentioned above from Annexure -- A to E
2. All Equipment will be YORK, SKM, OR CARRIER.

According to drawing and specification, supply, installation, complete with guarantee and full satisfaction of DMW Engineer's.

Now you can contact and cooperate to our Project Engineer.

Eng. Amr, his contact number is 050/5820702.

Thanks and Best Regards.



AL THARAWAT GENERAL CONT. EST.



بسم الله الرحمن الرحيم

القيادة العامة للقوات المسلحة

هيئة الإمداد

مديرية الأشغال العسكرية

شعبة المشاريع

مكتب رئيس قسم مشاريع العين

الرقم: ش م/ق م ع/أع-ب-٢٧٠-٢٠٠٥/٢٤١

التاريخ: / رجب / ١٤٢٧ هـ

٢٠٠٦/٠٨/٠٦

السادة/ مؤسسة الثروات للمقاولات العامة

الموضوع: العقد رقم: أع-ب-٢٧٠-٢٠٠٥

اعتماد مقاولي الباطن

- الإشارة : كتابكم رقم: م م / ٢٧٠ / ٢٠٠٥ / ١٤ بتاريخ: - بدون.

١. نعلمكم بموافقتنا على اقتراحكم بشأن اعتماد السادة / مؤسسة أيكو ثيرم للمقاولات الالكتروميكانيكية كمقاول باطن لأعمال التكيف للمشروع أعلاه.
٢. عليكم تقديم المخططات والمواد طبقاً للمواصفات الفنية المطلوبة للاعتماد .
٣. عليكم تقديم تعهد بتجاوز جميع الأعمال بواسطة مقاول الباطن المعتمد أعلاه مع إرفاق إثبات ما يفيد ذلك بكتاب من مقاول الباطن ، مع العلم أن هذه الموافقة لا تعفيكم من المسؤولية كمقاول رئيسي للمشروع.

٤. لإجراء اتكم.....وانتقيد بذلك.



نقيب مهندس/

رئيس قسم مشاريع العين

سالم خميس راشد الشاسبي



DATE: 3 / 02 /2006  
REF: Hand /MW-AF-372-01



شركة أعمال البناء والتشييد العامة  
Al Tarawa General Contracting Est.

To: M/S. Ecotherm Electromech&Gen.  
Attn: Mr. Tareq Siam.  
Project: MW-AF-372-05  
Subject: A/C Unit

With reference to the above mentioned subject and your quotation ref no 119 we are pleased to confirm our acceptance .

Against supply , installation ,commissioning and one year maintenance split unit air conditioning system as per DMW specification

Note: Subject DMW approval

\* You are kindly requested to provide us 3 sets (1 original at least) for each option in order to forward DMW for their perusal approval. .

745146 745146  
مكتب: 745146  
ص.ب. 3456, Abu Dhabi, U.A.E.  
هاتف: 3311109  
فاكس: 3311109

5421177 6421177  
Tel: 0246213, Fax: 0270991  
P.O.Box 3456, Abu Dhabi, U.A.E.

Tel: 3311109 Fax: 3311109  
P.O.Box 30315, Dubai, U.A.E.

E-mail: almualla001@emvsn.net.ae

Thanks & Best Regard,  
Al Tarawa Gen. Cont. EST.

MOH'D MISBEH



CLIENT / CONSULTANT :



U.A.E ARMED FORCES  
Directorate of Military Works  
TEL. 2088386 - FAX No. 333294  
ABU DHABI - U.A.E.

PROJECT :

INFANTRY SCHOOL AT SWEIHAN

MAIN CONTRACTOR :



AL THARAWAT GEN. CONT. EST.  
TEL : 212213 FAX : 210991 ABU DHABI U.A.E.

APPROVED SUB-CONTRACTOR :



DRAWING TITLE : A/C. LAYOUT FOR :  
FACILITY NO. 08  
GROUND FLOOR

DATE : 01-08-2005	SCALE : 1 : 75	PROJECT NO. PC403004
DESIGNED BY : Tareq Siam	APPROVED BY :	DRG NO. AC-08-A-GR
CHECKED BY :		
FACILITY CODE:	2550/8/M1	REV. No. 0



1366/05



[www.ecotherm.ae](http://www.ecotherm.ae)

## **MAJOR BANKS & AUDITOR**





[www.ecotherm.ae](http://www.ecotherm.ae)

## OUR BANKS:

**DUBAI ISLAMIC BANK**  
AIRPORT ROAD BRANCH  
ABU DHABI  
U.A.E.

**NATIONAL BANK OF ABU DHABI**  
KHALIDIYA BRANCH  
ABU DHABI  
U.A.E.

**FIRST GULF BANK**  
KHALIDIYA BRANCH  
ABU DHABI  
U.A.E.

**EMIRATES NBD**  
KHALIDIYA BRANCH  
ABU DHABI  
U.A.E.

## OUR AUDITOR:

**TALAL ABU-GHAZALEH & CO. INTL**  
(Certified Public Accountants & Management  
Training & Professional Training)  
P.O. BOX 4295  
U.A.E.



[www.ecotherm.ae](http://www.ecotherm.ae)

# **LOCATION MAP** **and** **WORKING SCHEDULE**



[www.ecotherm.ae](http://www.ecotherm.ae)

## LOCATION

With headquarters in:

**Mezzanine Floor, Bldg. 6  
Street 7, Sector 14, Zone 1  
Madinat Zayed, Abu Dhabi  
United Arab Emirates  
Tel: +971-2-6320202, +971-2-6220013  
Fax: +971-2-6322205**

**Mailing address:  
P.O. Box 106345  
Abu Dhabi, U.A.E.  
Email: [info@ecotherm.ae](mailto:info@ecotherm.ae)  
Website: [www.ecotherm.ae](http://www.ecotherm.ae)**

## OFFICE WORKING TIME

<b>Sundays to Thursday</b>	<b>-</b>	<b>8:00 A.M. to 1:00 P.M. 2:00 P.M. to 5:30 P.M.</b>
<b>Saturdays</b>	<b>-</b>	<b>8:00 A.M. to 2:00 PM</b>



