# ALUSMART

## TRADING & CONTRACTING

*Specialists in Aluminum Doors, Windows, Curtain Walls & Cladding*

# COMPANY PROFILE / SUBMITTAL

Salwa Road, Abu Hamour | 6664 5290

alusmart-qa@outlook.com

# Contains

# 01-Company Profile.

# 02-Introduction Of Alu Smart

## *Introduction*

Alu Smart Aluminum products are geared to maintain the high-quality standard and with our excellent project management and sophisticated business concept, we have established a partnership with domestic companies and expanding our market to the Qatar market.

the company's objective is to be competitive in the market and to achieve such a goal, the company has invested in advanced manufacturing machines and other technologies from most developed countries.

excellent management, advanced equipment, and the professional team are the key factors that drive the company in the field, we keep on exploring innovative products while insisting a customer-oriented, sincere and honest business partnership with our clientele

# 03-Brief History Of Alu Smart

## Brief History

Alu Smart Aluminum was founded January 2017 with the aim to be the best in the market in developing the design, engineering, fabrication and installation of all types of facade systems and comprehensive range of advanced aluminum curtain wall like conventional, structural and unitized.

The company also specializes in the design, production, and installation of various kinds of glass panels, aluminum doors & windows and Upvc doors & Windows

Alu Smart includes a distinguished group of engineering experience, reach to 15 years' experience in the aluminum and Upvc, ass field.

**06-International Aluminum Systems**

# International Aluminum Systems

## Alu Smart Management

has a good business relationship with the leading aluminum systems supplier related to the deep experience in the executed projects in different companies such as:

| | | |
|---|---|---|
| SCUCHO | GERMAN | all types of products fabricator and installer |
| TECHNAL | FRANCE | all types of products fabricator and installer |
| GUTMANN | GERMAN | all types of products fabricator and installer |
| BALEXCO | BAHRAIN | all types of products fabricator and installer |
| ALUMIL | GERMAN | all types of products fabricator and installer |
| REYNAERS | BELGIUM | all types of products fabricator and installer |

alu smart management adopts these systems to keep us with the latest developments and to be able to serve our clients according to their required system.

PWA-PVT/0027562/2024

Sender:Public Works Authority

Recipient:ALU SMART Trading and Contracting

PWA.VPC.M63.884

**Mr. Sayed Omran**
**General Manager**
**Alu Smart Trading and contracting**
**P.O. Box:11696 - Doha, Qatar**
**Fax Number :97444655841**

**السيد/ السيد عمران**
**المدير العام**
**ألو سمارت للتجارة والمقاولات**
**صندوق بريد: 11696 الدوحة - قطر**
**فاكس: 97444655841+**

Dear Sir,

**تحية طيبة وبعد،،،**

**<u>Subject: Approval of Curtain walls system, Skylights, glazing and UPVC systems as Manufactured by Messrs. Alu Smart Trading and contracting in Their Factory Located in Qatar for use in Ashghal Buildings Projects</u>**

**<u>الموضــوع: الموافقــة عــلى ادراج Curtain walls system, Skylights, glazing and UPVC systems المصنعة من قبل Alu Smart Trading and contracting في مصنـعهم القائم بدولة قطر لاستخـدامه في مشاريـع المباني التابعة لهيئة الأشغال العامة</u>**

The Vendors Prequalification Committee (VPC) refers to the application submitted with PWA Reference PVT/COMM/0003163/2024 dated, and your request to include Messrs. Alu Smart Trading and contracting as an Ashghal approved manufacturer for Curtain walls system, Skylights, glazing and. UPVC systems Following our general evaluation process, the Committee has decided to approve the concerned material to be used for Ashghal Buildings future projects.

بالإشــارة إلــى الطـلب المــقدّم بمــوجب كتـابكم رقـم PVT/COMM/0003163/2024 لإدراج Alu Smart Trading and contractingضمن قائمة مُصنّعي/موزّدي المواد والمنتجات المعتمدين لدى الهيئة Curtain walls system, Skylights, glazing and UPVC systems، نحيطكم علماً أنه وبعد إجراء عملية التقييم المعتمدة والمتّبعة لدينا، فقد قررت لجنة تأهيل الشركات المنتجة والموزّدة للمواد الموافقة على إدراج المواد المعنية ضمن قوائم الهيـئة المعـتمدة لغايات استـخدامات مشاريع المباني المستقبلية.

The committee's approval is valid for a period of three (3) years from the date of this letter, and it will be subject to the Authority's review at any time throughout this period. Kindly note that it is the Vendor's responsibility to apply for the renewal three (3) months prior to the expiry date, otherwise the manufacturer will be removed from the Approved List.

علماً بأن صلاحية هذه الموافقة سارية لـ(3) سنوات فقط من تاريخه، مع احتفاظ الهيئة بحق المراجعة واعادة النظر في أي وقت خلال هذه الفترة. وتقع المسؤولية على عاتق المورّد/ المُصنّع لتقديم طلب رسمي لتمديد صلاحية الموافقة قبل تاريخ انتهائها بـ(3) أشهر وإلا فسيتم شطب الشركة من قائمة المورّدين المعتمدين.

The quality and performance of Alu Smart Trading and contracting as an Approved Manufacturer shall be closely monitored by the Authority at all times to ensure that the required standards are maintained. If it is found by the Authority at any time that the quality and performance is failing to meet the expected standards, then the committee reserves the right to withdraw their Approval.

ويرجـى العــلم بأنــه سـيتم رصد ومـراقـبة جـودة وأداء Alu Smart Trading and contracting المُصنّعة من قبل الفريق المختص بالهيئة في جميع الأوقات لضمان الامتثال إلى كافة المعايير القياسية والقواعد الإرشادية. كما أن للهيئة الحق في سحب الموافقة أو إلغائها في حال اتضح وجود أي تقاعس في أداء الشركة المصنّعة أو أي تقصير في استيفاء المعايير المعتمدة والمعمول بها.

وفي حال الحصول على موافقة الهيئة الرسمية، تقع المسؤولية على عاتق Alu Smart Trading and contracting لتوريد المواد المعتمدة من قبل الاستشاري المكلّف بالإشراف على المشروع، ويتم ذلك من خلال تقديم المستندات الاعتمادية اللازمة لمواد المشروع للمراجعة والتأكد من استيفاء كافة متطلبات هيئة الأشغال العامة والامتثال إلى أحدث إصدار من "مواصفات قطر للإنشاء" (QCS) بالإضافة للمتطلبات التي يتم تحديدها بحسب طبيعة المشاريع الجاري تنفيذها.

إضافة لما سبق، فلا يجوز تفسير ما ورد أعلاه كموافقة عامة تتيح توريد المواد أو الخدمات لأي مشروع من مشاريع الهيئة. كما ولا تتحمل الهيئة أي مسؤولية جراء أي خسائر أو نفقات أو أضرار تتكبّدها الشركة المصنّعة/ المورّد/ المقاول من الباطن سواء كانت أضراراً قد لحقت بسمعة الشركة أو أي أضرار أخرى ناجمة أو متعلقة بالمشاركة في إجراءات التأهيل المسبق الخاصة بالهيئة.

وتفضلوا بقبول فائق الاحترام

After gaining approval, it is the Alu Smart Trading and contracting responsibility to get the material approved from project Supervision Consultants through a project material submittal that ensures full compliance with the PWA requirements and the latest version of Qatar Construction Specifications (QCS) as well as the relevant project specific requirements of that particular project.

This approval shall not be interpreted as a guarantee for providing materials or services for any ASHGHAL projects and the Authority shall not be held responsible nor accept any liability for Manufacturer / Supplier / Subcontractor losses, expenses, damages to reputation or any other damages whatsoever arising out of or in relation to taking part in the authority prequalification procedure.

Yours Sincerely,

عبدالله آهن محمد
رئيس لجنة تأهيل الشركات المنتجة والموردة للمواد ومقاولي الباطن

وزارة الأوقـــــاف والشـــــؤون الإسلاميــــة
Ministry of Endowments and Islamic Affairs
إدارة الشؤون الهندسية / قسم الإنشاءات

دولة قطر
State of Qatar

## نموذج اعتماد مقاول

| Subcontractor Submittal | | طلب اعتماد مقاول |
|---|---|---|
| Letter.Date: | 21/05/2024 — 21/05/2024 | تاريخ الكتاب : |
| Letter. No. : | رقم العقد /Contract No : | رقم الكتاب: |
| Project: | اعمال تشطيبات مسجد الهلال 703 | اسم المشروع : |
| Projet No.& Location : | AL HILAL - المنطقة P225 | رقم المشروع (اداءام س.ع ع...) : |
| Owner/Donator : | السيد اسماعيل محمد كمال الصادي | المالك/ المتبرع : |
| Start Date ../../20... | | تاريخ بدء المشـروع :19/05/2024 |
| Finish Date ../../20.. | | تاريخ انتهاء المشروع :26/01/2025 |

| ملاحظات Notes | وصف العمل Work Descripptrion | اسم المقاول Subcontractor Name | م No. |
|---|---|---|---|
| | اعمال الألومنيوم | الو سمارت للتجارة و المقاولات | 1 |
| | | | 2 |
| | | | 3 |
| | | | 4 |
| | | | 5 |
| | | | 6 |
| | | | 7 |
| | | | 8 |

**Enclosed Informations/المعلومات المرفقة**

☑ معلومات مكتوبة Literature ☐ مخططات Shop Drawings ☐ عينات Samples ☐ عينات منفذة بالموقع Mock up

☐ يعتمد Approoved ☑ يعتمد مع الملاحظات Approoved with ☐ مطلوب تسليم/ تنفيذ عينة Sample Required

☐ اعادة التسليم Revise&Resubmit ☐ مرفوض Rejected ☐ مطلوب معلومات اضافية Information Required

**Consultant's Remarks :** توصيات الاستشاري:

لا مانع من اعتماد مقاول الباطن المذكور للأعمال المخصصة للألمنيوم علماً بأن اعتماد العينات للمواد للمشروع هو الأصل في الاعتماد طبقاً لبنود التعاقد مع اعتماد الرسومات التفصيلية قبل بدء التنفيذ

ختم وتوقيع المقاول
**Contrctor's Stamp &Signature**

ختم وتوقيع الاستشاري
**Consultant's Signature**

**Date/التاريخ** 21/05/2024

مدير المشروع / م / ياسر محمود

**Date/التاريخ** 20.. /.. /..

**Distribution**
Original: √ Engineer's Rep /Project Manager
Copies: √ Contractor
√ Project Cordinator
√ Project File

التوزيع
الأصل : √ ممثل المهندس / مدير المشروع .
النسخ : √ المقاول .
√ منسق المشروع .
√ ملف المشروع .

# محضر استلام أعمال الموقع ومباشرة العمل

أقر أنا أحمد محمد متولي محمود رقم بطاقة شخصية: 28881810443 بصفتي: مهندس مشروع والمسئول عن: أعمال تشطيبات مسجد جامع القبة رقم (م.س.703) الكائن بمنطقة الهلال بأننا قد استلمنا موقع العمل لمشروع: تنفيذ أعمال تشطيبات المسجد عقد/ أمر تكليف رقم: (2024/45345) بتاريخ (1445/09/26هـ)، الموافق(2024/04/05م)، وذلك بعد أن استكملت كافة الإجراءات اللازمة للبدء بالتنفيذ والخاصة بالمشروع المذكور والذي مدته (250) يوما.

وبعد الانتقال إلى موقع المشروع المذكور للمعاينة والاستلام تبين ما يلي:

1. العلامات المساحية لحدود الملكية للأرض ظاهرة بالكامل.
2. أبعاد الأرض والعلامات المساحية بالموقع مطابقة للأبعاد الموضحة بالمخططات المعتمدة طبقاً للتقرير المساحي من قبل المقاول العام للمشروع والمعد بمعرفة مكتب مساحي معتمد.
3. لا توجد بموقع المشروع عوائق ظاهرة.
4. ........................

وبناء على ما سبق، يعد هذا المحضر أمرًا بمباشرة العمل في المشروع اعتبارًا من تاريخه يوم الأحد بتاريخ (1445/11/11هـ)، الموافق(2024/05/19م)،. وحيث أن مدة تنفيذ المشروع طبقا للعقد هي(250 يوم) شامله فترة التحضير. وعليه يكون تاريخ الاستلام الابتدائي للمشروع طبقا للعقد هو (1446/07/26هـ)، الموافق (2025/01/26م)

**ملاحظات أخرى:**

**مهندس الأوقاف (مدير المشروع)**

الاسم : ياسرمحمدمحمود

التوقيع:

**توقيع وختم المقاول**

الاسم : أحمد محمد متولي محمود

التوقيع:

21-5
2024

الحطاب للتجارة والمقاولات
AL HATTAB TRADING & CONTRACTING
HEAD OFFICE

**رئيس الشعبة**

التوقيع:

**ختم القسم**

وزارة الأوقاف والشؤون الإسلامية
Ministry of Endowments and Islamic Affairs
State of Qatar • دولة قطر
إدارة الشؤون الهندسية
قسم الانشاءات - شعبة الاشراف ( ٤ )

**رئيس القسم**

التوقيع:

BUILDING AFFAIRS DEPARTMENT
DEPARTMENT OF LOGISTICS

## PREQUALIFICATION SUBMISSION

| | | | | |
|---|---|---|---|---|
| PROJECT TITLE: Information System Department (ISD-MOI) Proposed Annex Building | | | LOCATION: DUHAIL | |
| BA NO. 1177 | DATE: 24/05/2021 | Time: 11:00 AM | SUBMITTAL NO. ISD/PQ/BTCC/MOI/015 | REV: 00 |
| CONSULTANT: | | | CONTRACTOR: BOJAMHOOR TRADING & CONTRACTING COMPANY | |

DISCIPLINE: ☐ C & S ☐ ARCH ☐ MEP ☐ LANDSCAPE ☐ INTERIOR DESIGN ☐ MISC./ OTHER

24-5-2021 10:30

SPECIFICATION REF:

BOQ ITEMS: **Metal, PVC, Aluminum & Glazing Sec (6)**

DRAWING REF:

BRIEF SCOPE OF WORKS:

**Aluminum & Glazing work**

PROPOSED SUPPLIER/ VENDOR/ MANUFACTURER/ SUB-CONTRACTOR DETAILS:

Name : ALUSMART TRADING & CONTRACTING.
Address : DOHA QATAR
PO Box : P.O. Box: 11969
Tele/Fax : TEL: 44429307-/ FAX: 44429307
E-Mail : omran@alusmart.qa,

Contact Name : Sayed Omran
Mobile : +974 66746611

CONTRACTOR'S SIGNATURE & SEAL:

We certify that the above submitted item has been reviewed in details and is correct and in strict conformance with the contract requirements except as otherwise stated above:

SIGNATURE: NAME: Waleed Mahmoud Nassar DATE: 24/05/2021

CONSULTANT COMMENTS:

PROCEED SUBMIT FURTHER THE FOLLOWING:
- SAMPLE MATERIAL INCLUDING SPECS
- MOCK UP WORK AT SITE
- METHOD OF INSTALLATION
- METHOD OF FABRICATION
- HEALTH & SAFETY (COMPANY)
- DWGS AND DESIGN COMPUTATION
- QUALITY TESTING FOR PAINT / STRUCTURE

ENGINEER'S COMMENTS:

APPROVED ☑ APPROVED WITH COMMENTS ☐ REVISE & RESUBMIT ☐ REJECTED ☐
ADD'L INFO. REQ'D ☐ SAMPLE / TEST REQUIRED ☐ FOR INFO. ☐ OTHERS ☐

Approval by the Consultant and or the Engineer shall not relieve the Contractor of his obligation under the Contract, and the Contractor shall be solely responsible for the soundness and correctness of the submitted materials and documents.

| PROJECT ENGINEER'S SIGNATURE: | REVIEWED BY: | DIRECTOR BUILDING AFFAIRS DEPARTMENT MINISTRY OF INTERIOR | ACKNOWLEDGED BY CONTRACTOR |
|---|---|---|---|
| | | | SIGN: NAME: |
| DATE: June 2 21 | DATE: | DATE: 6/6/2021 | DATE: |

This submission shall be made 30 days in advance for approval.

1٤٨

GENERAL DIRECTORATE OF LOGISTICS
BUILDING AFFAIRS DEPARTMENT

16-8-2021 1010

## MATERIAL SUBMISSION

| | |
|---|---|
| PROJECT TITLE: | LOCATION : DUHAIL |
| BA NO. 1202 DATE: 16/08/2021 | SUBMITTAL NO. **ISD/MTS/BTCC/MOI/ARCH/010** REV:03 |
| CONSULTANT: | CONTRACTOR : BOJAMHOOR TRADING CO. |

DISCIPLINE : ☐ C & S ☐ ARCH ☐ MEP ☐ LANDSCAPE ☐ INTERIOR DESIGN ☐ MISC / OTHER

| | |
|---|---|
| SPECIFICATION REF: | MATERIAL ORIGINALLY SPECIFIED: **Aluminum Composite Panel / ACP Cladding** |
| BOQ ITEMS: Sec6 Metal, PVC &Glazing Work | MATERIAL SUBMITTED: **Aluminum Cladding.** |
| DRAWING REF: | DESCRIPTION : **Q-NAP/ FR** |
| LOCAL AGENT:<br>Name : ALUSMART TRADING & CONTRACTING.<br>Address : Doha Qatar<br>PO Box : 11696<br>Tele/Fax : Tel: 4444506660, Fax: 44506662<br>Web Site : www.alusmart.qa | MANUFACTURES:<br>Name : QATAR NATIONAL ALUMINIUM PANEL CO.<br>Address : DOHA - QATAR.<br>PO Box : 37809<br>Tele./Fax : Tel: 44114430, Fax: 44114892<br>Email : info@q-nap.com or sales@q-nap.com |
| DATE REQUIRED@ SITE: | COUNTRY OF ORIGIN: QATAR |
| DELIVERY PERIOD: | TOTAL QUANTITY: |

SUPPORTING INFORMATION: ☐ LITERATURE ☑ SAMPLES ☐ CERTIFICATES

CONTRACTOR'S SIGNATURE & SEAL:

We certify that the above submitted item has been reviewed in details and is correct and in strict conformance with the contract requirements except as otherwise stated above;

SIGNATURE: NAME: Waleed Mahmoud Nassar DATE 18/08/2021

| | |
|---|---|
| CONSULTANT COMMENTS :<br>PROVIDE EXACT RAL COLOR<br>SUBJECT TO MOI APPROVAL | ENGINEER'S COMMENTS: |

APPROVED ☑ APPROVED WITH COMMENTS ☐ REVISE & RESUBMIT ☐ REJECTED ☐

ADD'L INFO. REQ'D ☐ SAMPLE / TEST REQUIRED ☐ FOR INFO. ☐ OTHERS ☐

Approval by the Consultant and or the Engineer shall not relieve the Contractor of his obligation under the Contract, and the Contractor shall be solely responsible for the soundness and correctness of the submitted materials and documents.

| PROJECT ENGINEER'S SIGNATURE: | Reviewed by: | HEAD OF PROJECT DIVISION: BUILDING AFFAIRS DEPARTMENT MINISTRY OF INTERIOR | ACKNOWLEDGED BY CONTRACTOR |
|---|---|---|---|
| | | | SIGN: |
| DATE AUG 16.21 | DATE | DATE 17/8/2021 | NAME:<br>DATE |

This submission shall be made 30 days in advance for approval.

Alu Smart

# OUR MAIN CLIENTS

Trading and Contracting

# Our Clients

| | | | | |
|---|---|---|---|---|
| الأمانة العامة لمجلس الوزراء<br>Council of Ministers Secretariat General<br>State of Qatar · دولة قطر | الهيئة العامة للضرائب<br>General Tax Authority<br>State of Qatar · دولة قطر | DGC<br>Doha Group<br>مجموعة الدوحة | Al-Mana Engineering & Contracting Co.<br>شركة المانع للهندسة والمقاولات | |
| MWANI QATAR<br>موانئ قطر | رامكو للصناعات<br>ramco industries<br>Ramco Construction & Metal Industries | ريفايند للصناعات<br>refined industries | Gulf Falcon<br>Contracting Co. W.L.L. | SC STATIC |
| دخان للخدمات الهندسية<br>Dukhan Engineering Services | | Rapid Access<br>A LOXAM Company | HWH<br>TRADING AND CONTRACTING | شركة العهد للتجارة و المقاولات<br>AL-AHED TRADING AND CONTRACTING COMPANY W.L.L. |
| شركة فينيسيا العالمية ذ.م.م<br>VENICIA INTERNATIONAL CO. W.L.L | | | | |

# Our Clients

| | | | | |
|---|---|---|---|---|
| BOJAMHOOR | UCC UrbaCon Trading & Contracting | SAK HOLDING GROUP | maeg | QTF Qatar Tennis Federation / Qatar Squash Federation |
| EZDAN HOLDING إزدان القابضة | SHTRA شترا TRADING & CONTRACTING | QATAR INFRASTRUCTURE قطر لأعمال البنية التحتية | HATTAB الحطاب للتجارة والمقاولات والعقارات AL HATTAB TRADING & CONTRACTING & REAL ESTATE | شركة طالب التجارية Taleb Group of Co. |
| NOVUM | AL ALIA • العلياء | CCC | العالي العالمية AL AALI INTERNATIONAL | SHELTER GROUP |
| شركة جسر للتجارة والمقاولات JASR TRAD. & CONTRACTING CO. W.L.L. | ORO INTERIORS www.orointeriors.com | PROFESSIONAL BUILDERS TRADING CONTRACTING W.L.L. | الجزيرة | |

Schüco Middle East Windows & Façade Systems LLC
PO Box 371260, DAFZA, Dubai

Tel. +971 4 207 9500
E-mail InfoME@schueco.com

**AUTHORIZATION LETTER**

Date: 04 Dec 2023

Issued To: AluSmart For Aluminum
Doha, Qatar

Systems Covered: All Schüco Aluminum Systems*
*(*Note: Fire, Safety, and Security systems require project-specific authorization)*

Scope Covered: i. Fabrication at the above listed facility/facilities
ii. Installation worldwide except in the USA and Canada

To whom it may concern,

We hereby confirm that the above mentioned Company is authorized by Schüco per the above mentioned details.

This authorization is for the above mentioned fabrication Facility/Company only. No fabrication or installation activities whatsoever may be carried out by any other entity or facility, including but not limited to those owned by the above mentioned Company, without the prior written consent of Schüco Middle East.

Schüco Middle East is the sole Schüco entity authorized by Schüco International KG (www.schueco.com) to sell genuine Schüco products - including but not limited to aluminum profiles, uPVC profiles, and accessories - in Schüco Middle East's Territory. Schüco Middle East is also the sole entity authorized to approve, appoint, and authorize Schüco fabricators, installers, and extruders in the Territory. Extruder authorization certificates may also be issued by Schüco International.

If the profiles are sold in mill finish then powder coating, painting, and/or anodizing should be done by an approved applicator using approved material.

This authorization has a validity of one (1) year from the date first written above.

Schüco Middle East highly recommends that project-specific authorization letters be requested to ensure that each project is supported by the most appropriately-qualified fabricator(s) and installer(s).

For and on Behalf of Schüco Middle East Windows & Façade System L.L.C.

SCHÜCO
Schüco Middle East
PO Box 371260
DAFZA-Dubai-U.A.E.

**Ammar H. Alul**
Managing Director

**Schüco Middle East**
Dubai Airport Freezone,
PO Box 371260, Dubai, United Arab Emirates
Tel.: +971 4 2079500
www.schueco.ae
infoME@schueco.com
Tax Registration Number 100058035400003

شوكو ميدل إيست
المنطقة الحرة بمطار دبي
صندوق بريد 371260 دبي بالإمارات العربية المتحدة
هاتف : +971 4 2079500
www.schueco.ae
infoME@schueco.com

23 May 2023 Ref: HBSME/OMAN/MD/20230523/01

**M/s. AluSmart Trading and Contracting**
Doha, Qatar

# *CERTIFICATION*

**Subject: APPROVED FABRICATOR**

| | | |
|---|---|---|
| Project | : | Sh. Khaled & Sh. Fahd Salman ALTHANI PALACES |
| Client | : | Sh. Salman Al Thani |
| Main Contractor | : | Alhatab Trading and Contracting and Real Estate WLL |
| Consultant | : | Gulf Design Concept |

***To Whom It May Concern,***

As the legal entity for **TECHNAL®** systems in the Middle East, **HYDRO BUILDING SYSTEMS MIDDLE EAST** is pleased to confirm the following points:

**M/S. ALUSMART TRADING AND CONTRACTING,** is one of the approved fabricators, carrying out the fabrication & installation of **TECHNAL®** systems in Qatar and therefore are authorized to procure **TECHNAL®** products from **HYDRO BUILDING SYSTEMS MIDDLE EAST.**

As both, **M/S. ALUSMART TRADING AND CONTRACTING** and **HYDRO BUILDING SYSTEMS MIDDLE EAST**, have mutual interests in the construction of this prestigious project in the Territory, therefore, **M/S. ALUSMART TRADING AND CONTRACTING** is collaborating with **HYDRO BUILDING SYSTEMS MIDDLE EAST,** in all the technical/aluminium engineering approach in view to offer the best in terms of products, fabrication and installation solutions.

**HYDRO BUILDING SYSTEMS MIDDLE EAST** provides full technical and engineering support to **M/S. ALUSMART TRADING AND CONTRACTING** as well as the training on respective products fabrication & assembly according to **TECHNAL®** standards.

We, at **HYDRO BUILDING SYSTEMS MIDDLE EAST**, shall remain at your disposal and trust to have the privilege of satisfying and meeting the requirements of all concerned.

Yours faithfully,
For **HYDRO BUILDING SYSTEMS MIDDLE EAST (FZC) LLC.**

**SAM ROBINSON**
**MANAGING DIRECTOR**

QALEX
الشركة القطرية لسحب الألمنيوم
QATAR ALUMINIUM EXTRUSION CO.

May 10th 2020

# TO WHOM IT MAY CONCERN

This is to certify that **M/s. Alu Smart** is authorized fabricator and installer for QALEX System Aluminium Extruded Profiles.

An official certificate can be issued by Qatar Aluminium Extrusion Co. After supplying the materials, subject to site inspection performed by Qatar Aluminium Extrusion Technical Team.

This certificate is issued upon request from **M/s. Alu Smart. Doha, Qatar**; this letter is valid if presented in original.

Best Regards,

**Yousef Al Yacoub**

**General Manager**

P.O. Box 201600, New Industrial Area, Street No. 12,
Building No. 132, Pink Zone, Qatar
Tel: +974 44 333 595, Fax: +974 44 333 500
Email: info@qalex.com.qa - Web: www.qalex.com.qa

# ALUMET GROUP

**ITHALAT IHRACAT SANAYI VE TICARET LTD.STI.**

Date : 27th of November 2023
Ref.No.20231127ALUSMART

**Subject : Approved Fabricator**

# CERTIFICATION

**TO WHOM IT MAY CONCERN**

**ALUMET GROUP** is pleased to confirm the following points:

**M/S. ALUSMART TRADING AND CONTRACTING**, is one of the approved fabricators, carrying out the fabrication & installation of **ALUMET GROUP** systems in Qatar and therefore are authorized to procure aluminium profile and accessories from **ALUMET GROUP**.

As both, **M/S. ALUSMART TRADING AND CONTRACTING** and **ALUMET GROUP** have mutual interests in the construction of all prestigious projects in the Territory, therefore, **M/S. ALUSMART TRADING AND CONTRACTING** is collaborating with **ALUMET GROUP**, in all the technical/aluminium engineering approach in view to offer the best in terms of products, fabrication and installation solutions.

**ALUMET GROUP** provides full technical and engineering support to **M/S. ALUSMART TRADING AND CONTRACTING** as well as the training on respective products fabrication & assembly according to **ALUMET GROUP** standards.

We, at **ALUMET GROUP**, shall remain at your disposal and trust to have the privilege of satisfying and meeting the requirements of all concerned.

Yours faithfully,

**Alumet Group Ith.Ihr.San.Tic.ve Ltd.Şti.**

**General Manager**

Muhammed BAHCELI

aline
PVC Door Window Systems

Date : 25.12.2023

Subject: Authorization Dealer

**CERTIFICATION**

To whom it may concern,

This letter is to certify that **M/S. ALUSMART TRADING AND CONTRACTING** is AUTHORIZED to distribute, manufacture and install **ALINE** brand PVC profiles and PVC windows and doors in QATAR. **PIDOSAN** provides full technical and engineering support to **M/S. ALUSMART TRADING AND CONTRACTING**.

As both, **M/S. ALUSMART TRADING AND CONTRACTING** and **PIDOSAN** have mutual interests in constructing all prestigious projects in QATAR.

Your faithfully,

PIDOSAN PLASTIK DOG INS SAN AS

General Manager

Yalçın KARSLIOĞLU

PİDOSAN
PLASTIK DOGRAMA ve INS. SAN. A.S.

جيرسي للزجاج
Jersey Glass

جيرسي للزجاج ذ.م.م
Jersey Glass W.L.L.

Ref: JGF/AS/DBMS/001
Date: 09-May-2020

**Project: Design and Building for the Modification and Additional Works to Existing (27) Schools**
**Package Three (11) Nos. Schools**

Client: Ashghal
Consultant: ECG-Engineering Consultants Group
Contractor: Bo Jamhoor Trad. & Cont.Co
Façade Contractor: Alu Smart

**Subject: Authorized Supplier/Glass**

Glass Specification: 4mm Clear Tempered +1.52mm Clear PVB+6mm PNA Solar- E Arctic Blue Tempered
` 12mm Mill Finish Spacer + Argon Gas+ 4mm Clear Tempered +1.52mm Clear PVB +
4mm Clear Tempered

Dear Sir,

We hereby confirm that we will be able to supply glass as per the above-mentioned specification to Alu Smart.
We confirm that Jersey glass is authorized to supply Pilkington products and Alu Smart is one of our valued customers.

Best Regards,

Raveendran
Dy Manager- Sales & Marketing

جيرسي للزجاج
Jersey Glass

# 02-Scope of Work.

# Aluminum & Glazing Work

## CLIENT:SHEIKH FAISAL AL THANI

## PROJECT:PRIVATE RESIDENCE MAIN VILLA (B+G+1) EXTERNAL MAJLIS (GF) CLUBHOUSE (GF) AND SERVICES.

# 03-Company information.

## 01.Details Of Alu Smart

**Alu Smart Trading and Contracting**

| | |
|---|---|
| Address Head Office: | : Salwa Road, Abu-Hamour,<br>Building No 261 , office No 5<br>Doha – Qatar |
| Telephone | :+97444429307 |
| Fax | : +97440168833 |
| P.O.Box | : 11696 |
| E.mail | : info@alusmart.qa |
| Website | : www.alusmart.qa |

Location in Google Maps Office:https://maps.app.goo.gl/WyyPfKKbuk1HQo2E7

Location in Google Maps Factory: https://maps.app.goo.gl/hz1yrivwLU5dUhz58

| | |
|---|---|
| Contact Name | : Eng.Sayed Omran |
| Contact Name Email | :omran@alusmart.qa |
| Contact Name Mobile | :66645290 |

# 04-Company certificates (ISO, OSHAS, etc..)

TCCPL

## TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.

# Certificate of Registration

This is to certify that

**Occupational Health & Safety Management Systems**

of

**ALU SMART TRADING & CONTRACTING**

Building No. 261, Office No. 5, Salwa Road, Abu Hamour
P.O. Box: 11969, Doha, State of Qatar

has been assessed and registered by TCCPL as conforming to the requirements of:

# ISO 45001:2018

The Occupational Health & Safety Management Systems is applicable to:

**Provision of Supply, Fabrication and Installation of Aluminum, Glass Steel, Stainless Steel, UPVC & ACP Cladding Materials**

**Certificate No: OM-97404114067**

| | | | |
|---|---|---|---|
| Certificate Issue date | : 04-11-2023 | Next Audit before | : 03-11-2024 |
| 2nd Surveillance due date | : 03-11-2025 | Re-Certification due date | : 03-11-2026 |

Managing Director

CB-MS-0703

**TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.**

Website: www.tccplcertifications.com, Email: info@tccplcertifications.com

Accredited by **United Accreditation Foundation Inc. (UAF) USA**

Lack of fulfilment of conditions set out for the issuance of this certificate and timely completion of periodic surveillance audit may render this certificate invalid

Certificate is the Property of TCCPL and shall be returned immediately when demanded

CERTIFICATE - CERTIFICAT - ZERTIFIKAT - CERTIFICATO

TCCPL

## TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.

# Certificate of Registration

This is to certify that

## Environmental Management Systems

of

## ALU SMART TRADING & CONTRACTING

Building No. 261, Office No. 5, Salwa Road, Abu Hamour
P.O. Box: 11969, Doha, State of Qatar

has been assessed and registered by TCCPL as conforming to the requirements of:

# ISO 14001:2015

The Environmental Management Systems is applicable to:

**Provision of Supply, Fabrication and Installation of Aluminum, Glass Steel, Stainless Steel, UPVC & ACP Cladding Materials**

**Certificate No: E-97404114069**

| | | | |
|---|---|---|---|
| Certificate issue date | : 04-11-2023 | Next Audit before | : 03-11-2024 |
| 2nd Surveillance due date | : 03-11-2025 | Re-Certification due date | : 03-11-2026 |

Managing Director

CB-MS-0702

TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.

Website: www.tccplcertifications.com, Email: info@tccplcertifications.com

Accredited by **United Accreditation Foundation Inc. (UAF) USA**

Lack of fulfilment of conditions set out for the issuance of this certificate and timely completion of periodic surveillance audit may render this certificate invalid

Certificate is the Property of TCCPL and shall be returned immediately when demanded

CERTIFICATE - CERTIFICAT - ZERTIFIKAT - CERTIFICATO

TCCPL - TCCPL - TCCPL - TCCPL - TCCPL - TCCPL -

TCCPL

CERTIFICATE - CERTIFICAT - ZERTIFIKAT - CERTIFICATO

TCCPL - TCCPL - TCCPL - TCCPL - TCCPL - TCCPL - TCCPL -

# TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.

## Certificate of Registration

This is to certify that

## Quality Management Systems

of

## ALU SMART TRADING & CONTRACTING

Building No. 261, Office No. 5, Salwa Road, Abu Hamour
P.O. Box: 11969, Doha, State of Qatar

has been assessed and registered by TCCPL as conforming to the requirements of:

# ISO 9001:2015

The Quality Management Systems is applicable to:

**Provision of Supply, Fabrication and Installation of Aluminum, Glass Steel, Stainless Steel, UPVC & ACP Cladding Materials**

**Certificate No: Q-97404114068**

| | | | |
|---|---|---|---|
| Certificate issue date | : 04-11-2023 | Next Audit before | : 03-11-2024 |
| 2nd Surveillance due date | : 03-11-2025 | Re-Certification due date | : 03-11-2026 |

Managing Director

TRANS CONTINENTAL CERTIFICATIONS PVT. LTD. TCCPL

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

UNITED ACCREDITATION FOUNDATION UAF

TCCPL TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.

CB-MS-0702

**TRANS CONTINENTAL CERTIFICATIONS PVT. LTD.**

Website: www.tccplcertifications.com, Email: info@tccplcertifications.com

Accredited by **United Accreditation Foundation Inc. (UAF) USA**

# 05-Authority document.

General Directorate of Passports

وزارة الداخلية
Ministry of Interior
State of Qatar • دولة قطر

الإدارة العامة للجوازات

115-165002002572741

# قيد المنشـــــــــــأة
# Establishment Card

تاريخ الطباعة : 2025-12-20

## ALU SMART TRADING AND CONTRACTING

## ألو سمارت للتجارة والمقاولات

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2017-03-02 | أول إصدار First Issue | تجاري COMMERCIAL | القطاع Sector | 2028-12-20 | تاريخ الصلاحية Expiry | **16-5002-00** | رقم المنشـــــأة Establishment |

| | | | |
|---|---|---|---|
| 340 | | | |
| | 261 | 56 | |

| | | | |
|---|---|---|---|
| 2029/01/13 | تاريخ الانتهاء Expiry Date | 92046 | سجل تجاري Commercial Registration |
| 2029/02/15 | تاريخ الانتهاء Expiry Date | 131150 | رخصة تجاريه Commercial License |

## Authorizers المفوضين

| التوقيع Signature | الاسم بالانجليزي English Name | الاسم بالعربي Arabic Name | الرقم الشخصي QID |
|---|---|---|---|
| | NASSER ABDULLA O S AL-HAJRI | ناصر عبدالله عويضه الشهوانى الهاجرى | 28363401664 |
| | ELSAYED OMRAN MAHMOUD ELSAYED | السيد عمران محمود السيد | 27681807438 |

*This document has been digitally signed.*
*Please visit the Ministry of Interior's electronic services website (www.moi.gov.qa) or check the code Quick Retrieval to confirm the legitimacy of the document (QR Code)*

تعتبر هذه الوثيقة معتمدة الكترونياً
للتحقق من صحة الوثيقة يرجى زيارة موقع الخدمات الالكترونية لوزارة الداخلية
(أو قراءة رمز الاسترجاع السريع)



Tel : (+974) 44890333 - Fax : (+974) 44883777 , DOHA-QATAR , E-mail : bpea@moi.gov.qa
هاتف: 44890333 (974+) - فاكس : 44883777 (974+) الدوحة - قطر,الايميل : bpea@moi.gov.qa

| Floor طابق | رقم الشقة | |
|---|---|---|
| 1 | 4 | |
| **Zone المنطقة** | **Street الشارع** | **Bldg. no. رقم المبنى** |
| 56 | 340 | 261 |

وزارة التجارة والصناعة
Ministry of Commerce and Industry
State of Qatar • دولة قطر

إدارة التسجيل والتراخيص التجارية
Department of Commercial Registration & Permits

# رخصة تجارية
# Commercial License

## License Information / معلومات الرخصة

| | | | |
|---|---|---|---|
| Company's Name | ALU SMART TRADING AND CONTRACTING | ألو سمارت للتجارة والمقاولات | اسم الشركة |
| Trade Name | ALU SMART TRADING AND CONTRACTING | ألو سمارت للتجارة والمقاولات | الاسم التجاري |
| Site Classification | Commercial تجاري | تصنيف الموقع | |
| License Number | 131150 | | رقم الرخصة |
| C.R. Number | 92046 | رقم السجل التجاري | |
| Issue Date | 2017/02/23 | | تاريخ الإصدار |
| Expiry Date | 2029/02/15 | | تاريخ الانتهاء |

## Responsible Manager Info / بيانات المدير المسؤول

| | | | |
|---|---|---|---|
| Manager's Name | ELSAYED Amran Mhmwd MAHMOUD ELSAYED | السيد عمران محمود محمود السيد السيد | اسم المدير |
| Identification Number | 27681807438 | | الرقم الشخصي |
| Contact Number | +97466645290 | | رقم التواصل |

| رمز النشاط | اسم النشاط التجاري |
|---|---|
| 4330810 | تركيب الزجاج والمرايا للمباني |
| 4100001 | الانشاءات و المقاولات العامه |
| 4663702 | التجارة في الأبواب والشبابيك |

| رمز النشاط | اسم النشاط التجاري |
|---|---|
| 4330222 | تركيب الشبابيك الألمنيوم |
| 2511513 | اعمال التركيبات الحديدية |

.لا يسمح بمزاولة نشاط غير مدرج في الرخصة. لا يسمح بمزاولة النشاط في الفلل ولا تعتبر الرخصة مهنية او منزلية

Practicing any activity not explicitly listed in the license is prohibited. Practicing the licensed activity in villas is not permitted; the license is neither considered a Professional Office License nor Home Permit License.

وثيقة إلكترونية معتمدة بدون توقيع أو ختم، للتحقق من صحة البيانات امسح رمز التحقق.

An electronically certified document without a signature or stamp, to verify the accuracy of the data, scan the QR code.

صدرت هذه الرخصة بموجب القانون رقم (05) لسنة 2015 وعلى المرخص له مراعاة الالتزام بأحكام القانون بالإضافة إلى الاشتراطات العامة والخاصة ومنها ضرورة تجديدها في الموعد المحدد وإخطار الإدارة فور حدوث أية تعديلات في البيانات أعلاه.

This license was issued in accordance with Law No. (05) of 2015. The licensee must adhere to the provisions of the law, as well as the general and specific conditions, including the necessity to renew it on the specified date and notify the administration immediately of any changes in the above data

## مستخرج ببعض بيانات السجل التجاري
## Summary of commercial registry info

| | | | |
|---|---|---|---|
| Small صغيرة | تصنيف المنشأة<br>**SME Classification** | 92046 | رقم السجل<br>**C.R Number** |
| شركة ذات مسئولية محدودة | الشكل القانوني | ألو سمارت للتجارة والمقاولات | الاسم التجاري |
| W.L.L | **Legal form** | ALU SMART TRADING AND CONTRACTING | **Commercial Name** |

## بيانات السجل التجاري
## Commercial Registry Information

| حالة السجل<br>**C.R Status** | جنسية المنشأة<br>**Nationality** | عدد الفروع<br>**Number of Branches** | رأس المال<br>**Capital** | تاريخ الانتهاء<br>**Expiry Date** | تاريخ الإنشاء<br>**Est. Date** |
|---|---|---|---|---|---|
| نشط<br>Active | قطر<br>QATAR | 0 | 100000 | 13/01/2029 | 16/01/2017 |

| الحالة<br>**Status** | الجنسية<br>**Nationality** | النسبة<br>**Percentage** | رقم السجل<br>**C.R Number** | رقم الاثبات<br>**Identification Number** | أسم المالك أو الشركاء<br>**Owner Name or Partners** |
|---|---|---|---|---|---|
| نشط<br>Active | قطر<br>QATAR | 51 | | 28363401664 | ناصر عبدالله عويضه الشهوانى الهاجرى<br>NASSER ABDULLA O S |
| نشط<br>Active | مصر<br>EGYPT | 49 | | 27681807438 | السيد عمران محمود محمود السيد السيد<br>ELSAYED Amran Mhmwd MAHMOUD ELSAYED |

| الصفة (الصلاحية) | الجنسية | رقم الاثبات | أسماء المدراء |
|---|---|---|---|

| (Position (Authority | Nationality | Identification Number | Directors Names |
|---|---|---|---|
| صلاحيات كاملة ومطلقة - مدير<br>Full and Absolute Authority<br>Manager - | قطر<br>QATAR | 28363401664 | ناصر عبدالله عويضه الشهوانى الهاجرى<br>NASSER ABDULLA O S |
| صلاحيات كاملة ومطلقة - مدير<br>Full and Absolute Authority<br>Manager - | مصر<br>EGYPT | 27681807438 | السيد عمران محمود محمود السيد السيد<br>ELSAYED Amran Mhmwd MAHMOUD ELSAYED |

## بيانات الأنشطة التجارية
## Commercial Activities

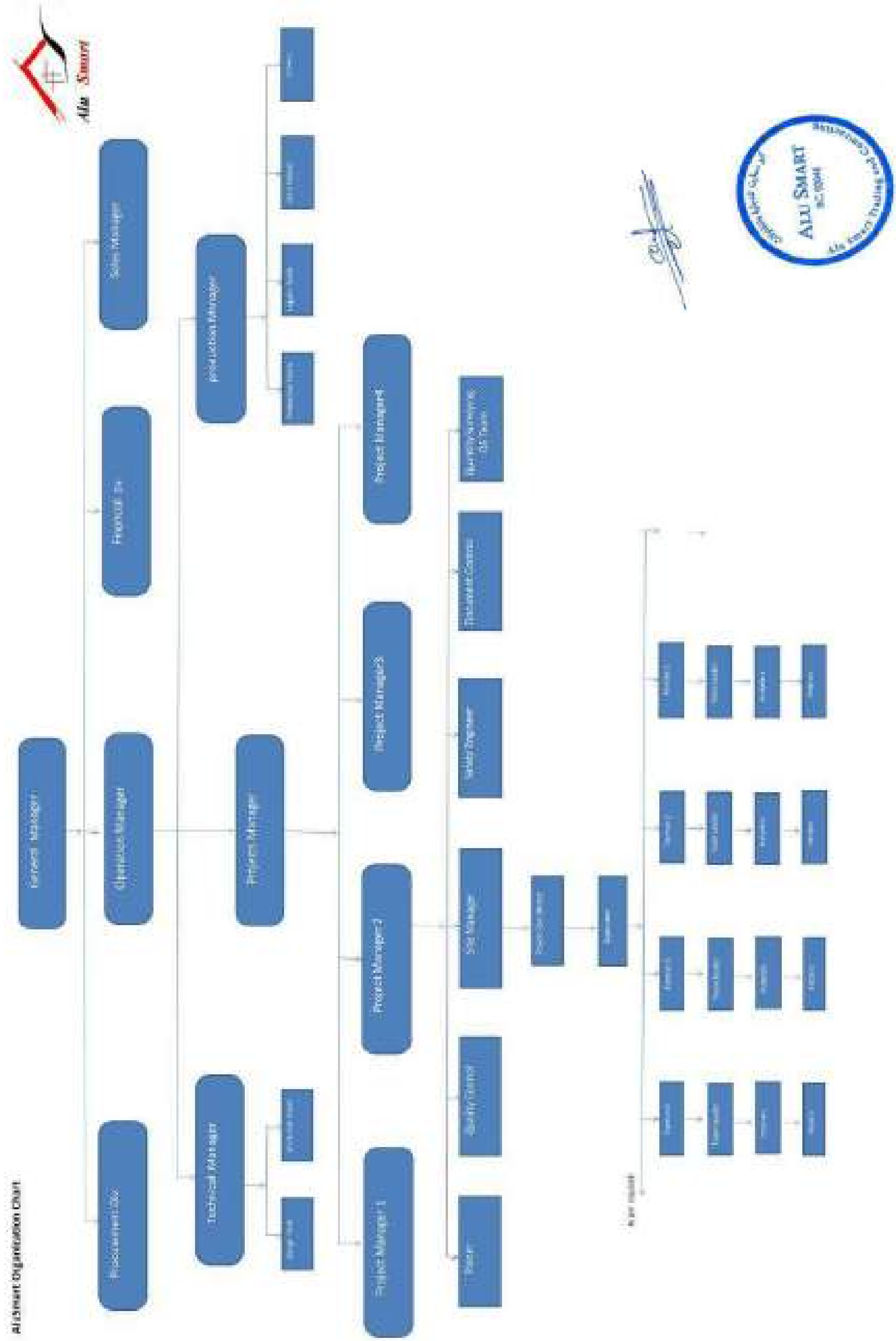
| اسم النشاط التجاري<br>Activity Name | رمز النشاط<br>Activity code |
|---|---|
| تركيب الزجاج والمرايا للمباني<br>installation of glass and mirrors for buildings | 4330810 |
| الانشاءات و المقاولات العامه<br>construction and general contracting | 4100001 |
| التجارة في الأبواب والشبابيك<br>Trading in doors and windows | 4663702 |

| اسم النشاط التجاري<br>Activity Name | رمز النشاط<br>Activity code |
|---|---|
| تركيب الشبابيك الألمنيوم<br>Installation of aluminum windows | 4330222 |
| اعمال التركيبات الحديدية<br>Metal fixtures works | 2511513 |

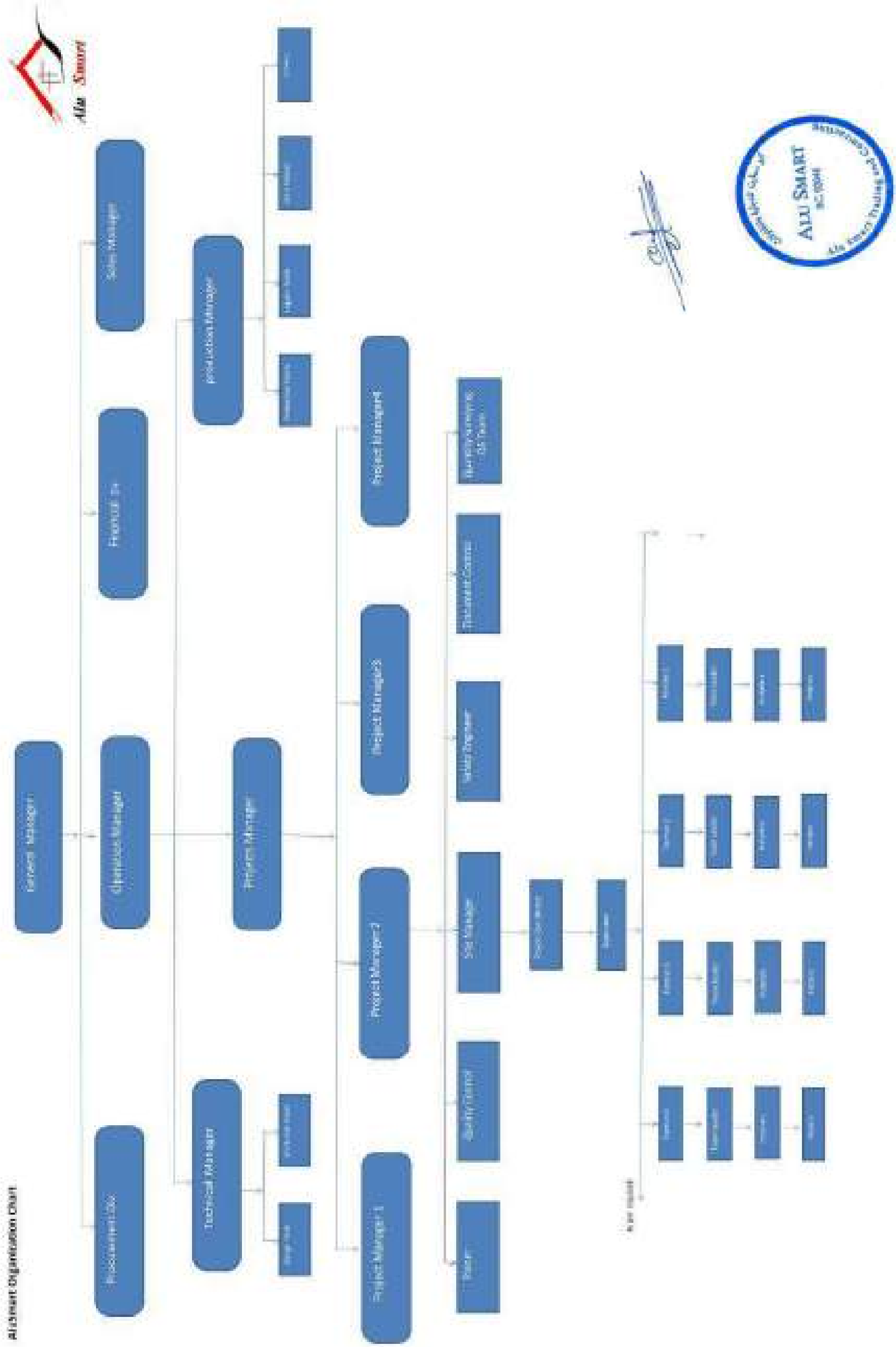
| غرفة قطر QATAR CHAMBER | الرقم الاقتصادي الموحد<br>.Unified Economic No | رقم التسجيل الضريبي<br>Tax Registration Number | رقم قيد المنشأة<br>Entity Number |
|---|---|---|---|
| عضو في غرفة تجارة وصناعة قطر<br>Member of the Qatar Chamber of Commerce and Industry | | 5000597112 | 16-5002-00 |

| | |
|---|---|
| | |

# 06-Organization chart of company.


AluSmart Organization Chart
General Manager
Operation Manager
Sales Manager
Procurement Dir
Project Manager
Technical Manager
Project Manager 1
Project Manager 2
Project Manager 3
Project Manager 4
Quality Control
Site Manager
Safety Engineer
Document Control
Alu Smart

# 07-Organization chart Dedicated to the project.


AluSmart Organization Chart
General Manager
Operation Manager
Sales Manager
Project Manager
Technical Manager
Production Manager
Project Manager 1
Project Manager 2
Project Manager 3
Project Manager4
Site Manager
Quality Control
Safety Engineer
Document Control
ALU SMART

# 08-CVs for key personal Dedicated to the project.

# Mahmoud Salah Eltalawy

***ProjectEngineer***

**Address: Al-Azizya, Doha, Qatar.**
**Email**: **Mahmoudeltalawy88@gmail.com**
**Mob:** 0097450408118 (Qatar**).**
**Qatar IDNo**: 28881809866.
**Date of Birth:** July. 1st 1988.
**Nationality:** EGYPTIAN.

## *Summery*

Use technical skills and knowledge in order to carry out the job in a professional, cost effective, and suitable manner and omit the chances of error/defects and poor workmanship in any assigned job

## *Education*

Alexandria University, Egypt.
B.Sc. in Mechanical Power Engineering
graduation Project: Energy conservation & management.

## *Experience*

***I. Position: Project Manger** at **ALUSMART Trading & Contracting***

**PROJECTS:-**

- ***a.*** Supply and installation of spider glass system , curtain wall system, Zigzag glass system for **Duhail offices building beside tawar mall with Qatar infrastructure company**
- ***b.*** Supply and installation of curtain wall Glazing for façade for **Alkawary hotel at new salat, SAK Trading and contracting**
- ***c.*** Supply and installation of alumINUM windows and doors and skylight for **ezdan compound 35 Sak trading and contracting**.
- ***d.*** Supply and installation of internals laminated glass partitions and Aluminum cladding works at **doha international airport( old airport). WITH CCC TRADING AND CONTACTING.**
- ***e.*** Supply and installation of curtain wall system , aluminum calddijg , aluminum windows and doors and blaustard glass Handrail **at D-clad factory at new industrial area with HWH Trading and contracting**.
- ***f.*** Supply and installation of curtain wall , spider glass system and Zigzag glass system for **Hafsa building at Almuntazah with Qatar infrastructure company.**
- ***g.*** Supply and installation of aluminum WINDOWS and Doors for **13 schools with ashgal with bojomhoor trading and contracting company.**
- ***h.*** Supply and installation of fire rated Aluminum cladding **at MOI Building at duhail. ( 3000 SQM)**
- ***i.*** Supply and installation Firerated Aluminum cladding at **Qatar Tennis federation building ( 2000 SQM)**
- ***j.*** Installation of **Dome Skylight (6500 m$^2$ ) with Novum Structures company - at Doha Immigration Headquarter**
- ***k.*** Installation of **Dome Skylight ( 3300 m$^2$) With maeg Construction WLL At Le Vandome Mall**
- ***l.*** Supply and Installation of **Wyndham West Bay CANOPY (ALUMINUM & GLASS).**
- ***m.*** Supply and Installation of **Doha Bank Façade Qatr infrastructure company .**
- ***n.*** Various Private Villas Glass & Aluminum Works Such as Skylights / Glass Partitions etc.
- ***o.*** Supply and Installation Curtain Wall Façade and Cladding for Various Factories And OLD & New Industrial Area.

**PERIOD: 1st Jan 2019 Up to date.**

ALUSMART TRADING & CONTRACTING

II. **Position: Project Engineer *at Golden Tower Trading & Contracting***

**PROJECTS:-**

*a.* Supply, Fabrication and Installation of Façade Steel Structure Qatar integrated railway project, Doha Metro, Green LINE Elevated @ At-Grade Station.- With SPH-JV

*b.* Supply, Fabrication and Installation of Steel Structure sub-Frames for Interior Design at LEXUS Show Room With ALSALAM Industries.

**Period: 08TH Dec. 2017 to 15th Dec.2018**

III. **Position: Project Engineer at Steadiness Contracting & Trading**

**Project**: Qatar integrated railway project, Doha metro,redline south EAG, RBF Station

**Client**: Qatar Railways company

**Main contractor**: FYAP JV

**Job Description**: Supply, Fabrication and Installation of Façade Steel Structure.

**Period**: 01ST May 2017to 30TH Nov. 2017.

IV. **Position: Project Engineer At Gulf Steel & Engineering**

**Project**: Design and Build of the Marina Yacht club at Lusail.

**Client**: Lusail Real Estate Development company.

**Main contractor**: Ceinsa w.l.l& Al Jabber w.l.l JV.

**Job Description:**Design, Supply, Fabrication and Installation of steel Structure.

**Period**: 01STJan.2016 to 01STMar.2017

V. **Position: Project site Engineer at Boston Structures engineering& contracting**

**Project**: National Museum of Qatar

**Client**: Qatar Museums Authority

**Main contractor**: HYUNDAI.

**Job Description:** Supply, Fabrication and installation of GRP Steel Structure.

**Period**: **06THJuly 2014** to **30TH July 2015.**

VI. **Position: Piping Site Engineer at Doosan Heavy industries & construction**

**Project**: Ain Sokhna thermal power plant

**Client**: East Delta Electricity Production Company

**Contractor:**Doosan Heavy Industries & Construction.

**Period**: **15THJan2014** to **30THJun2014**. (End of my work)

VII. **Position: Site Engineer at Baseco International**

**Project**: Shahrazad Project 1 Alexandria Egypt.
**Client**: [Solvay SA- Belgium].
**Company**: SOLVAY Alexandria Sodium Carbonate.
**Job Description**: Relocate of 140 ton Rotary Dryer & installation Pipe line and mechanical Equipment.
**Period:01st Mar 2012** to **15th Nov 2013** (end of project)

## Responsibilities and Duties As A project Engineer

Follow up Engineering, Procurement and Production to make sure we are in exact schedule
checking plans, drawings and quantities for accuracy of calculations.
ensuring that all materials used and work performed are as per specifications.
overseeing the selection and requisition of materials and plant.
managing, monitoring and interpreting the contract design documents supplied by the client or architect.
liaising with clients and their representatives (architects, engineers and surveyors), including attending regular meetings to keep them informed of progress.
day-to-day management of the site, including supervising and monitoring the site labor force
planning the work and efficiently organizing the plant and site facilities in order to meet agreed deadlines.
overseeing quality control and health and safety matters on site.
preparing reports as required.
Resolving any unexpected technical difficulties and other problems that may arise.
acting as the main technical adviser on a construction site for subcontractors, crafts people and operatives.
setting out, leveling and surveying the site.
liaising with supervisors, planners, quantity surveyors and the general workforce involved in the project

## ResponsibilitiesandDuties as a Site Engineer

Review all drawing piping and mech. And make modification if required.
Supervising all pipe line activity fabrication and erection of large and small-bore carbon steel stainless steels.
Responsible for construction drawings according to applicable standards, specifications, method statement and safety rules.
Materials receiving and inspection of piping materials.
Planning of erection sequence as per site condition.
Inspection of all pipeline that erected and measure alignment of lines
Make punch list of pipeline inspected
Conforming line check as per P&ID, punch list preparation, follow up of final completion.
Review all drawing piping and Mech. And make modification if required.
Install and erect all equipment (belt conveyors, chain conveyors, rotary valves and Pumps)check for alignment and mechanical work for all equipment after installation
Responsible for start-up and commissioning for A ּ D Dryer
Responsible for commissioning for all otary Dryer auxiliary (Pumps, Belt Conveyors, Chain Conveyers, cooling water system, Condensate Tank and steam pipeline system.)
Design protection covers for all Rotating parts, Belt conveyors, and Gears.
Provides technical assistance to the Superintendent and keeps them informed on matters relating to quality control.

## Language:

Arabic" Mother Tongue"
English "very good"

**Courses**

Gas Turbine Operation, Maintenance & Troubleshooting.
Pumps Operation, Maintenance & Troubleshooting
Advanced Welding Technology.
Hydraulic and Electro hydraulic systems.
Pneumatic and electro pneumatic systems.
HVAC

**Skills**

Transferable skills
Communication abilities.
Work experience.
Academic qualifications
Self-confidence.
Ability to adapt to a new working environment.

**REFERENCES**

References available upon request

# 09-Company quality plan and policy.

# QUALITY PLAN

**CQM 150-01** **COMPANY QUALITY MANUAL** **Issue A**

**TABLE OF CONTENTS**

## TABLE OF CONTENTS

**TABLE OF CONTENTS**

## ALUSMART QUALITY POLICY

ALUSMART quality policy in its strictest business sense is about producing and delivering products C C C C C C C C C C C C C
C specified by ALUSMART or specified by the Customer. The commitment of ALUSMART towards quality is profound as exhibited by its relentless pursuit to continually improve its quality system. The clear definition and awareness of each process and interaction of activities throughout the organization were established to effectively assure and control the quality in all aspects of services. This policy recognizes that everyone in the company has the responsibility to fulfill in achieving the quality and customer satisfaction of our products. That prevention not detection is the right approach, and that the quality system is adequately resourced with competent staff, suitable infrastructure and organized production system.

The management of ALUSMART shall identify the C C C C C
C performance toward the realization of the set objectives. The quality system shall be reviewed periodically to ensure continuous suitability and effectiveness including, recognition of C C C C C C C C
ALUSMART principle in establishing the quality system is to ensure that its services and products confirm not only to the specification of ALUSMART but also the specifications of Customer as Well as to related international standards.

ALUSMART vision is to create an overall successful and profitable market leader operating in construction industry with a solid customer base and build upon our technology, customer value and employee satisfaction. To participate in those fields of interest that offer opportunities for continuing growth and profitability. This Quality Policy has been generated and introduced along with the manual and the associated procedures with the full support and commitment of the shareholders, Management and Staff of ALUSMART co.

For and on behalf of ALUSMART,

**Eng. ELSAYED OMRAN**
General Manager

## I. Distribution Register

The issuance and distribution of this manual is strictly controlled and monitored as a confidential document. It must be circulated only to those shown below. The Management of ALUSMART prohibits unauthorized copy or reproduction of this manual.

DISTRIBUTION REGISTER OF QUALITY MANUAL

| Issue | Rev. | Date of Issue | Recipient/Holder | Position/Organization |
|---|---|---|---|---|
| A | 0 | - | Central file | (Master Copy)/ALUSMART |
| B | 0 | - | Mowaffak Alkhaiat | General Manager/ALUSMART |
| C | 0 | - | Sultan Daraan | Executive Manager /ALUSMART |
| D | 0 | - | Fahjan Mohama | Financial controller /ALUSMART |
| E | 0 | - | Amer Alrabat | Sales Manager /ALUSMART |
| F | 0 | - | Moayyad Shamtia | Quality Manager /ALUSMART |
| G | 0 | - | Anas Trabulsi | Operation Manager/ALUSMART |
| H | 0 | - | Belal Hawamda | Technical Manager/ALUSMART |
| K | 0 | - | Idir mohamad | Projects Manager /ALUSMART |
| L | 0 | - | M.almasry | Design Manager/ALUSMART |

### Amendment Register

Alteration to this manual is not permitted without prior approval of the quality manager. Alteration, if approved must be applied using the system for amendment contained within this manual and shall be done only by the personnel of ALSHAM responsible to prepare the amendment.

## II. Approval of Quality manual

This quality manual has been reviewed and ratified by the management and staff of ALUSMART and has been approved for issuance by:

## III. Scope and field of Application

This quality manual relates to ALUSMART Services for design, Fabrication, Installation and supply of its fundamental products, as follows:

- All types of aluminum thermal and Non-thermal curtain wall, Windows and Doors.
- Stick and semi stick Aluminum curtain walling System.
- Unitized aluminum curtain walling system.
- Skylights and Sky domes.
- Aluminum and stainless steel Handrail and Balustrades.
- Structural Glass Facades- Spider patches system.
- Automatic sliding and Revolving Door installation.
- Glass Shower Enclosures.

The system covers all the activities within the company for the accomplishment of these products and services of ALSHAM from the Quality Management point of view.

## V. Document Index

| Document ref. | Title /description |
|---|---|
| CQM150-01 | Quality manual |
| COC150-02 | Organization Chart |
| CPR150-03 | Customer Performance Record |
| CRF-150-04 | Control of records and files |
| CRR 150-05 | Contract Review records |
| CSD 150-06 | Customers specification and documents |
| CTE 150-07 | Calibration and Testing of equipment |
| DAR 150-08 | Amendment records |
| DCL 150-09 | Circulation List |
| DDP 150-10 | Design/Development Procedures |
| DML 150-11 | Document Master List |
| EMP 150-12 | Maintenance Procedures |
| HDP 150- 13 | Handling and Delivery |
| HSP 150-14 | Safety Procedures |
| ITP 150-15 | Inspection procedures including products inwards Inspection (PII) and in- Process inspection and testing Procedure (these can be in the operating procedures) |
| ITR 150-16 | Inspection and Test records |
| MTR 150-17 | Measurement and testing routines |
| NCA 150-18 | Corrective action Procedures |
| NCP 150-19 | None confirming Procedures |
| NPA 150-20 | None confirming Product Review and Disposition Procedure |
| OPF 150-21 | Operating Procedures |
| PCT 150-22 | Product Catalogues |
| PQP 150-23 | Quality Plan (Over view of inspection, test, audit and Review Procedures) |
| PST150-24 | Product Specification |
| QAF 150-25 | Internal audit |
| QMR 150-26 | Management review |
| QTF 150-27 | Quote file |
| RCR 150-28 | Records of contract review |
| SCP 150-29 | Statistical Control Procedures |
| SOP 150-30 | Sales order Processing Procedure |
| SPP 150-31 | Suppliers purchasing Procedure |
| SRD 150-32 | Servicing Procedure |
| STF 150-33 | Stores procedures |
| SVP 150-34 | Suppliers vendor specifications |
| TPF 150-35 | Training Procedures |
| TRR 150-36 | Training Records |
| VSL 150-37 | Approved vendors/Suppliers list |

## VI. Amendment Procedures

The master copy of the quality manual (Issue A) with the latest revisions is kept in the central filling system of ALUSMART. Copy of all other quality documents listed in section V above, all its revisions and additions are controlled by the quality manager. The quality Document controller is responsible for keeping and maintaining the entire quality documents and files as well as Preparation of its Amendment. Amendment and addition are contained in section DAR 150-08 (Amendment records). Section for the amendment and addition is included in the each quality documents for easy reference. All staff of ALUSMART can suggest changes, alterations and addition to the quality manual and documents, such suggestions or comments shall be coordinated through the department manager. The department Manager Shall Investigate the suggested amendment using form 150.01r00 (Amendment to Document). The department manager shall be completed the form and submit to the quality manager for evaluation and approval.

The quality manager shall evaluate and approve amendment the quality manual and documents. If required, the quality manager shall seek opinion of the top management. The review meeting may be called upon to discuss the proposed amendment to the quality and manual documents. The authorized Personal designated to prepare the amendment must carry out all changes or amendments. All amendments once confirmed shall be informed to the holders of quality manual or documents. Information shall be disseminated through written notice. Verbal information shall not be considered official.

Holders of the manual or documents must amend their copy accordingly by inserting the new page (s) and destroying the old. Amendment and addition to the Manual or documents shall be contained in the appropriate section in the manual or documents designated for that purpose.

In certain case, due to the degree or magnitude of amendments and additions needed, the whole manual or documents shall be revised and reissued, incorporating all the desired amendments and additions. Upon issuance of the revised manual or document the superseded issue must be C i Vi e i e C C C Cthe file. The quality manager may inspect manual or documents at any time.

## VIII. Description of the company

ALUSMART co. was established in 2017, to meet the growing demand for high performance architectural glass and aluminum windows and doors, as well as curtain walls. In the rapidly growing Middle Eastern market, in particular Qatar, ALUSMART has achieved substantial growth and has become one of the most respected aluminum supply and installation companies operating in this field. ALUSMART is expanding, diversifying, setting trends, and raising quality standards to serve its customers needs and requirements. Due to the high demand for its Products, ALUSMART has established its factory in Qatar industrial area where it is equipped with a full range of the latest advanced computerized CNC and cutting machines.

ALUSMART has employed a team of experienced design, Engineering and supervisory staff with fully trained technicians. Able to assist in designing fabrication and installation of the most complex projects irrespective of size, for the design, fabrication and installation of the curtain walling systems. Our Engineering facility equipped with all the latest Microsoft, Primavera, AutoCAD and structural design software to meet the contractors and requirements. ALUSMART continuously evaluates its products and output in order to maintain its good name for excellence of service and product range. Furthermore, ALUSMART is constantly investing in the latest technology, materials, machinery and fabrication techniques, thereby being able to deliver outstanding products as well as practical design to our valued Clients. ALUSMART has entered into an agreement with Engineering of Germany to provide ALSHAM with standard aluminum Profiles and system, including technical assistance needed for different types of product such as:

Stick system curtain walling (Conventional)
Thermally Brocken Window and Door systems
Skylight
Aluminum Windows and Doors System
Bullet proof Screens.
C C

## THE QUALITY MANAGEMENT SYSTEM

### 1.1 General requirement

ALUSMART has established, documented, implemented and maintains a quality management system in accordance with the requirements of ISO 9001:2015, the effectiveness of which the company continually improves. ALUSMART has identified the processes required for the quality management system and determined application throughout the organization. The sequences and interactions of the processes are shown in this quality manual. The company has determined the methods and criteria to make sure that the operation and control of these processes is effective, and ensure that the recourses and information needed to operate and monitor them are available.

## THE QUALITY MANAGEMENT SYSTEM

The company monitors, measures and analyses these process as appropriate and takes any action needed to achieve the planned results and continually improve. The processes are managed by ALUSMART in accordance with the requirements of ISO 9001:2015. Where ALSHAM may choose to outsource any processes that can affect the conformity of the product requirements, the company insures that such processes are controlled. Any such process and their controls are identified in the quality management system.

The processes identified by the company as being necessary for the quality management systems are:

- Management, Resources and administration
- Product and service Operation
- Measurement and improvement

These three processes satisfy the ISO 9001: requirement for Process; these include management activities, Provision of resources, Product realization and Measurement.

### 1.1.1 Management, Resource and Administration

This process comprises the following elements, which are detailed or referenced in this manual:

- Documentation (Quality manual, Control of Documents and Records)
- Management Commitments
- Customer Focus
- Quality Policy
- Planning (Quality Objectives and Quality Management System Planning)
- Responsibility, Authority and communication (Responsibility and Authority, Management Representative, Internal Communication)
- Management Review
- Competence, Awareness and Training
- Infrastructure
- Work Environment

### 1.1.2 Product and Service Operations

This process comprises the following elements, which are detailed or referenced in this manual:

- Planning Product Realization
- Customer related process (Determination of requirement related to the product, review of requirements to the product, Customer Communication)
- Design and Development
- Purchasing (Purchasing process, purchasing information, Verification of purchased Product)
- Product and Service provision (Control of Product and Service Provision, Validation of process for production and service provision, Identification and Traceability, Customer Property, Preservation of Product)
- Control of Monitoring and measuring devices.

### 1.1.3 Measurement and Improvement

This Process comprises the following elements, which are detailed or referenced in this manual:

- Monitoring and Measurement (Customer Satisfaction, Internal Audit, Monitoring and Measurement of process, Monitoring and Measurement of Product)
- Control of Nonconforming Product
- Analysis of Data
- Improvement (Continual Improvement, Corrective Action, Preventive Action)

## 1.2 Interaction and Application of the Processes

### 1.2.1 Process-1: (Management Resources and Administration)

The management, Resources and administration covers all the management activities of planning, implementing and managing the system, and determining and providing those resources which are needed both to operate the system effectively and assure product conformity.

### 1.2.2 Process-2: (Product and Service Operations)

Process-1 enables process-2 to take place in planned and orderly fashion. Process-2 covers all the element of product and service realization, activities pertinent to the quality management system, which take place during the planning, purchasing, design, fabrication, delivery and installation of the product Or service.

### 1.2.3 Process-3 :( Measurement and Improvement)

The process of measurement and improvement measures and monitors the effectiveness of process-1&2, and provides feedback to those processes for improvement.

## 1.3 General process for the product realization

Figure-1 (see Appendices) demonstrates the general scheme ALSHAM is implementing for the realization of its products and services. The figures indicate the procedures contributing to the process in order to control the Quality of the finished product.

## 1.4 Quality System Procedures

The following four levels of document are utilized and maintained to satisfy the requirements of ISO 9000:2000 And to ensure adequate control where necessary.

The quality control organization is as follow:

**Level 1: Quality Management System Manual**

The manual describes ALUSMARCT C Cthe means of setting and managing quality objectives, the processes needed for the quality Management system, and the general company wide structure and methods for maintaining the quality management system.

**Level 2: Quality Management System Procedures**

Procedures are used to specify who does what, when it is done, and what documentation is used to verify that the activity was executed as required.

**Level 3: Work Instructions**

Work instructions are used by ALSHAM to detail how particular tasks are to be performed where the absence of such instructions would adversely affect product quality; in particular, the type of work Instructions used is SYSTEM RELATED INSTRUCTIONS. The system related instructions supplement the C by giving detailed instructions on how to carry out the Specified Activities Inspections or tests, or how to process materials or documents.

**Level 4: Record and 'Forms'**

Record are used by ALUSMART to provide assurance/evidence that the required product or C CCC C C C C C Quality management system has been implemented Sheet, stamps and other means are used to identify materials products, equipment, gauges and other devices used in the company to achieve the specified requirements.

# 2.0 DOCUMENTATION REQUIREMENTS

ALUSMART C C C C C C C Policy and Quality Objectives, this Quality Manual which contains or references The procedures of International Standards, and any documents needed by the Company for the effective planning operation and processes the procedures have been established, documented and are maintained, and in Formulating them ALSHAM has considered the size of the company and kinds of activities it undertakes, the complexity and interaction of the process and the competence of the personnel involved.

## 2.1 Quality Manual

This quality manual includes the scope of the quality management system (refer to Section IV) the description of the processes involved in the System and the interaction (refer to Section 1), and reference or contains the documented procedures required.

## 2.2 Control of Documents

### 2.2.1 General

All documents requiring control are controlled in accordance with the international standard requirements which the control procedures as shown In this quality manual and other relevant document. ALUSMART Recognizes the need to maintain accurate, complete and up-to-date procedures for caring out its business. This covers documents and Data in any format, including hardcopy and electronic media.

**Drawing Control**

The technical Department maintains a drawing register for each drawing showing the date of original issue and all subsequent reissues new and revised drawing are Stamped . CFor V C and other stamp is show in the Fig. A, any stamps other than those shown are UN authorized and invalid. Access to authorized stamp is Controlled and restricted by the manager. Drawing are distributed and shall be obtained from the recipients who are then responsible for withdrawing, destroying or isolating non-current drawings in accordance with the current list of recipients signatures.

### Quality System Documentation

All copies of the quality manual, procedures, work instruction and related documentation are controlled by the quality manager who retains a Master copy of each and a current list of all persons\functions holding copies. The quality manager shall ensure that each copy is update or Amended as necessary and that copies in use are of current issue.

### 2.2.2 Document Approval and Issue

All quality document are reviewed and approved by the quality manager prior to issue, except for the quality manual that needed a joint approval from the quality Manager and operation Manager prior to issue. The quality manager is responsible for ensuring that the following are in place:

- The review and approval of documents by responsible personnel before distribution and use
- Provision for review and approval signatures are and a means of indicating the document revision number
- Numbering and appointment of document, and copies, to an Individual or area of use
- A register to indicate the document reference ID, and names and location of all holder of controlled document
- Availability of relevant issues in appropriate document at locations where operations essential to the effective working of the quality management system and product conformity are carried out
- Appropriate identification of document used for planning or similar purposes which have not received final approval
- Document revisions issued to holders of obsolete document, and
- Removal of obsolete document and identification of archived material.

### 2.2.3 Document Changes and Modification

ALUSMART has established and will maintain a document control Procedure, which ensures that:

- The correct issues of relevant documentations are in the correct places where needed by authorized personnel
- Obsolete copies have been removed
- Changes and modifications to document are reviewed and approved by the same personnel or functions that carried out original review and approved unless specially designated otherwise

- All documents are controlled under document control procedures, including a master list, and all changes, including those handwritten, should be controlled in accordance with procedure as shown in Section I and II.

### 2.3 Control of Records

Quality assurance is responsible for all records relevant to the Quality Management System including those held electronically. This includes Establishing and maintaining procedures for identification, collection Indexing filling, storage maintenance and disposition. See procedure for control of record, CRF-05. The records in question are essentially:

- minutes of man C C C C C
- minutes of management review meetings
- details of any products which is recalled a returned
- customer returns
- customer complaints
- details of disposal scrap and nonconforming product (s)
- details of any internal/external quality audits
- record of statistical analysis or pass/fail quantities and fault description
- calibration records
- certificates of conformance
- product approvals
- quality objectives
- continual improvements
- the quality manual
- All the supporting control records.

The records of certain subcontractors are also included. These records give further assurance that product or service is delivered according to the correct procedures and the quality management system operates effectively. Records are stored so as to minimize deterioration and are retained for a minimum of three years unless otherwise specifically stated. The quality document controller is responsible for the general upkeep filling, storage identification, indexing and collection of the records. The records are stored in both hardcopy and on computer system where it has been contractually agreed, customers will have access to the record for an agreed period for the purposes of evaluation

## 3.0 MANAGEMENT RESPONSIBILITY

### 3.1 Management commitment

The top management of ALUSMART, the General Manager and senior Management team demonstrates its commitment to the implementation, development and continual improvement of the quality management system by:

- Communicating the importance of satisfying all customers, legal and Regulatory requirement to the organization
- Establishing the Quality policy
- Setting Quality objectives
- Performing Management Reviews and ensuring that necessary resources are available.

### 3.2 Customer Focus

The General Manager and senior management team ensure that the requirements of the Customer are properly defined and that they are in order to enhance customer satisfaction. It is the responsibility of the Commercial Department with its Public Relation to establish and improve company customer relationship.

### 3.3 Quality Policy

The General Manager and senior management team of ALSHAM have adopted a policy of operating the business under the control of a quality management system installed and operated to the requirement of ISO 9001:2000. It is company policy to continuously operate to these requirement, as they apply to the organization, and to seek annual registration from an International Certification Body. ALUSMART top management has ensured that the Quality Policy Statement is appropriate to the purpose of the business, includes commitments to comply with applicable requirements and to continually, improve the quality management C ess, and contain the framework for setting and reviewing Quality Objective. The management ensures that the policy statement is communicated and understood throughout the company and that it is reviewed at the management review for its continued suitability ALSHAM management's commitment to, and policy for, quality is Reflected in the C C C C C C C (Policy Statement)

## 4.0 PLANNING

### 4.1 Quality Objectives

The senior management of ALUSMART ensures that quality objectives, which include objectives for meeting product requirements, are established at relevant function and level throughout the company. The main forum for this is the Management Review where over all objectives for quality can be discussed and agreed, although there may be instance (due to business need) where senior management outside the Management Review sets quality objectives. These objectives are consistent with the quality policy. The departmental managers convert the overall objectives into measurable function or individual quality objectives where they apply in their scope of control.

### 4.2 Quality Management System Planning

The top management of ALUSMART has made sure that quality management system has been planned to meet the requirements of ISO 9001:2000 quality management systems. The top management also makes sure that the integrity of the quality Management system is not compromised when changes to it are planned and implemented. Top management recognizes its responsibility, to ensure that quality objectives are achieved. It is the functional responsibility of each individual manager, however, to ensure that the quality objectives within his scope of control are regularly reviewed, that they are suitably amended if necessary, and that any additional resources necessary for their achievement are provided.

## 5.0 RESPONSIBILITY, AUTHORITY AND COMMUNICATION

### 5.1 Responsibility and Authority

The top management of ALUSMART ensures that responsibilities and authorities are defined and communicated throughout the organization. It is the functional responsibility of the human Resources Department t CC CC CCV CCCOrganization charts produced and maintained C C CV C C Meanwhile, responsibility for administering the quality management system and procedures is delegated to the department managers as part of their normal responsibilities. These managers may further delegate the authority to implement quality activities/ procedures within specific areas, but still maintain overall responsibility. All such delegations are documented. Certain personnel (the Quality Manager and the Staff acting on his behalf) have the organizational freedom and authority to:

- Initiate action to prevent the occurrence of nonconformity in the system, Product or process
- Identify and record any product quality problems
- Initiate, recommend or implement actions necessary , spelt out and Documented
- Ensure through verification the implementation of the action, and discontinue the purchase, delivery and use of nonconforming items until such time as the problem has been rectified
- The operating procedures provide the detailed work responsibilities at all relevant level. The senior managers of ALUSMART have specific responsibilities and Authorities for the following

. General Manager
. Operations Manager
. Finance Manager
. Commercial Manager
. Administration Manager
. Quality Manager
. Planning Manager
. Safety Manager
. Technical Manager
. Senior project Managers
. Production Manager
. Installation manager

### 5.2 Management Representative

The General Manager and the senior management team at ALUSMART have appointed the Quality Manager as Management Representative for Quality in this capacity the Quality Manager has the responsibility and authority for ensuring that the Quality Management system processes have been property established and implemented, and they are maintained; For reporting on C C CC CC CC CC Highlighting any improvements needed for making sure that awareness of customer requirements is promoted through the company, and for liaising with the external parties on matters pertaining to the quality management system.

### 5.3 Internal Communications

ALUSMART senior management has ensured that the processes have been **e**stablished throughout the company for communicating matters relating to the effectiveness of the quality management itself or through the Quality Manager.

## 6.0 MANAGEMENT REVIEW

The senior management of ALUSMART holds a regular management Review Meeting chaired by the General Manager, to review the quality management system in tears of continuing suitability, adequacy and effectiveness. The Management Review assesses opportunities for improvement and the need for any change to take place to the quality management system, quality policy and quality objectives. The Quality Manager as record keeps minute of the management review. Inputs to the review include:

- Information on audits result.
- Feedback from the Customers (including complaints)
- Performance of process.
- Product conformity.
- The progress and current status of corrective and preventive action.
- Any actions that resulted from previous management review.
- Any changes which might have an effect on the quality management system.
- Recommendations for any opportunities for improvement.

Outputs from the Management Review are in the form of decisions, actions or objectives relating to:

- Improving the effectiveness of the quality management system and relate processes
- Improving the product or service with regard to customer requirements.
- Addressing any resources needed for achieving the above.

## 7.0 RESOURCE MANAGEMENT

ALUSMART provides the resources needed to implement and maintain the quality management system, to continually improve on its effectiveness and to improve customer satisfaction by meeting and exceeding, where possible, customer requirements. The company determines what resources are needed for the above through the mechanism of the Management Review and the mechanisms of departmental management. This Quality manual, together with the procedures and work instruction it either contains or references includes all the instructions for

in-house verification activities, Audits, and training of management and staff. Both the Quality Manager and the individual department managers and operating personnel are responsible for the validation and verification of quality and for ensuring that the customer/product requirements are met. The Quality manager ensures that persons engage in these activities have the necessary independence to fulfill their duties so that there is no conflict of interest.

The auditing team as recognized by the Quality Manager caries out audits of the quality management system, processes and products. The competent personnel verifying quality are authorized to:

- Identify and document any quality problems requiring corrective actions to ensure against the recurrence of non-conformances.
- Recommend, initiate and verify solution to bring about continuous quality and process improvement.

## 8.0 HUMAN RESOURCES

### 8.1 General:

ALUSMART personnel who perform tasks, which can affect the quality of the product, are the competent to do so, on the basis of having had the appropriate education, training, skills, or experience.

### 8.2 Competence, Awareness and Training

It is the responsibility of departmental managers to ensure that their personnel are properly and effectively trained, relevant to the tasks they are to perform. It is the responsibility of the Personnel Department to ensure that records are maintained which provide adequate evidence of competence of these persons. At ALUSMART, people are the company C C C CInvesting in people through effective training is thus a key corporate strategy for achieving the C C C C C CALUSMART C C s documents are used to address the following issues:

- Identification of training needs.
- Provision of training for those needs.
- The qualification of people to perform tasks affecting quality.
- Assessment of training effectiveness.
- Maintenance of appropriate training records.

The quality manager, the human resources and all Department Managers are responsible for ensuring that the above issues are realized.

## 9.0 INFRASTRUCTURE

ALUSMART has determined the infrastructure, which is needed to ensure that the products and services conform to the requirements. The company provides and maintains this infrastructure, which includes buildings, workspace and associate utilities, both hardware and software process equipment, and all necessary supporting services including transport and communication. The Administration and IT Departments are chiefly responsible for implementing and maintaining a suitable infrastructure, but all department managers are responsible overall for their own areas.

## 10.0 WORK ENVIRONMENT

ALUSMART has defined the work environment required to achieve product and service conformity and manages this environment accordingly. This includes adequate cooling and lighting, correct storage temperatures and humidity, and other such related matters. The Administration Department is responsible for maintaining these conditions but it is the responsibility of department managers to ensure that Operatives are notified of any environmental failures or adverse conditions.

## 11.0 PRODUCTION REALIZATION

Product realization is the sequence of activities, which takes place in the process of planning, making and delivering the product or service to the costumer. Product Realization therefore consists of:

- Planning,
- Costumer-related process,
- Design and development,
- Purchasing,
- Production and service provision, and
- Control of monitoring and measuring devices.

## 12.0 PLANNING OF PRODUCT REALIZATION

ALUSMART has planned and developed the process, which are needed to realize our product and services in a way which is consistent with the other processes of the quality management system. This planning includes:

- The requirements and quality objectives for the product or service
- The necessary processes and documents
- The resources needed for the product realization
- The verification activities, including validation, monitoring, and any inspections or tests
- The criteria for product acceptance
- The records related

# 13.0 CUSTOMER-RELATED PROCESSES

### 13.1 Determination of Requirements Related to the Product

In accepting or before potentially accepting orders, ALUSMART ensures that all **p**roduct or service requirements are known. This includes:

- Specific customer requirement
- Requirement for delivery and any after-sales activities
- C C C C C C C C C ich may not have been specified
- All legal and regulatory requirements related to the product or service, and any additional requirement defined by ALUSMART.

### 13.2Review of Requirement Related to the Product

Prior to the commitment to supply , each potential contract or order, whether written or verbal, has its requirement defined and reviewed in the sales order processing procedure, which ensure that all requirement are adequately detailed and documented, and refers to the customer to ensure the resolution of any disagreement. It also ensures that the company has the capability to meet its contractual obligation. ALUSMART will not accept any order for which it cannot meet the requirements. The review ensures that differences between different document such as tenders, orders or contract are resolves.

### 13.3Customer Communication

ALUSMART has defined and implements effective methods of customer communication with regard to:

- Information on the product or service,
- Enquiries, contracts or order and amendments to them, and
- Feedback and customer complaints.

The Commercial Manager has overall responsibility for product and Service information and queries. Enquiries, orders, contracts and amendment are handled through the appropriate procedures. Feedback from customer is also handled through the commercial department where a log is maintained of customer comments, suggestion and queries. Where relevant, this feedback is presented to senior management at the Management review as a potential source of improvement. Customer Complains are processed through the commercial department as per the complaint procedure.

A

## 14.0 Design and development

Design development procedures outline C C Cfor the type of development work undertaken. Where development work is required, the details of the project are often expressed in the form of a Quality plan. This plan includes details of the following, as applicable to the project.

### 14.1 Design and development planning

ALUSAMRT plans product design and development by:

- Determining the stage of the project
- Reviewing verifying and validating at the appropriate stage
- Recording the responsibilities and authorities of personnel involved.

Where different groups of people or functions are involved appropriate measures are taken by the senior project manager to ensure that communication and designation of responsibility is effectively managed. Outputs from the planning processes are updated as necessary during the progress of the project.

### 14.2 Design and development inputs

The inputs are the requirement for the finished product. these are determined and recorded by the appropriate members of management and the senior project manager and include the requirements for the product function and performance all applicable legal or regulatory requirements information from similar designs/projects which have been undertaken in the past, and any other requirements which ALUSMART feels necessary. Once determine the appropriate members of management and the senior project manager for adequacy review the input. It is the responsibility of the senior project manager to ensure that the input requirement are complete clear and do not conflict with each other.

### 14.3 Design and development outputs.

The output from the project is approved by the appropriate members of management and senior project manager before they are released. These output are stated clearly in a way that they can be verified against the input requirement.

The outputs:

- Meet the input requirement
- Provide the necessary information for the purchasing department
- Provide the necessary information for the production department
- State the criteria for production
- State those product characteristic, which are needed for its safe and correct used.

### 14.4 Design and Development Review

- Systematic C C C C C conducted at various stages of the progress according to the arrangement stated in the Quality plan by the Technical Manager. The number and frequency of reviews will depend on the scale and nature of the project and will be decided by the technical Manager.
- The purpose of each review is to check that the result of the design/development work remain on track in meeting the requirement of the plan and the product, and to highlight any problem and decide what action need to be taken.
- Where there is different function or departments involved in the project then representatives of those function attend the reviews at the stages, which are appropriate to them.

  - The Project leader as a record holds minutes of the review meetings and any actions taken.

### 14.5 Design and Development Verification

- Verification activities take place as arranged in the Quality Plan to make sure that the input requirement have met the output from the design or development.
- The Project leader keeps results of the verification as a record.

### 14.6 Design and Development Validation

Validation activities take place as arrange in the quality plan to make sure that the product which has been design/developed will operate as it is supposed to in its specified application or intended used. Wherever possible, this validation of the product takes place before the product is delivered or installed. The project leader keeps results of the validation activities as a record.

### 14.7 Control of Design and Development Changes

Where changes are made to the design/development, these are identified and recorded by the project leader along with any actions taken. All changes are reviewed by the appropriate members of management and the project leader. They are verified and validated where appropriate, and approved before being implemented. Where a product is being redesigned or modified (developed), the review considers the effect of the changes on the product, which have already been delivered or installed, and on the product component parts.

## 15.0 Purchasing

### 15.1 Purchasing Process

ALSHAM ensure that purchasing products conform to the company specified requirement the type and extent of control, which ALSHAM applied to its Supplier and their product, depend on the seriousness of the effect, which that purchasing can have on the final product or the processes used in manufacturing it. ALSHAM appraises and selects its suppliers on their ability to supply goods or services to the company requirement. The criteria for appraisal, selection and re-appraisal have been documented and results of these activities are held as a record by the purchasing manager. Detail of the above activities is as follows.

#### 15.1.1 Purchasing process

ALSHAM ensures that all purchased products and services meet the specification requirement in accordance with the supplier purchasing procedures. This is done as follows:

- All purchasing parts go through goods inward inspection(GII)
- The GII procedure takes into account all requirements and the need where required for certificate of confirmation.
- Upon request, supplier must provide ALUSMART with reliability test data and standards used on each component by part number

### 15.1.2 Evaluation of Sub-contractors

The purchasing department, with the assistance of quality assurance, is responsible for the selection, evaluation, qualification and disqualification of ALUSMART suppliers. This will be accomplished with the aid of the approved vendor list. Vendor will be added to the approved vendor list after five different delivery batches have passed GII. Approved vendors who fail five continual deliveries will be removed from the vendor list. The quality assurance and purchasing department are responsible for ensuring that all nonconforming vendor supplied material is appropriately identified and disposed of in a timely manner. ALUSMART selects vendors based on the records of their quality performance.

- Their ability to meet specified requirement or specification and confirmation
- The reasonable pricing factors of unit components and

Timing of delivery as requested or specified on the purchase order. The quality department is responsible for performing vendor audit. The vendor audit procedure, supplier purchasing procedures, dictates the policy and procedure of the company with respect to vendor audit related matters. The type and extent of control exercised by ALUSMART on its suppliers depends on the type of product and how the supplier has performed in the past.

## 15.2 Purchasing Information

Purchasing documentation and data describes the product being purchase and include (as applicable):

- ALUSMART requirement for approving the product, processes, procedures and/or equipment used
- The requirement for the qualification of personnel
- Requirements for the quality management system

ALUSMART makes sure that the specified purchase requirements are adequate before communicating them to the supplier.
Details of the above are as follows:

**Purchasing Data**

The purchasing department is responsible for ensuring that all purchase orders contain a complete description of the material ordered including, by statement or reference, all applicable requirements for manufacturing, inspecting, testing, packaging and any other requirement. ALUSMART refers to this data as the supplier specification, which will have a title (if appropriate, state exactly what specification are needed here, remembering that sophisticated suppliers are already likely to be supplying full specifications in their catalogues or sales or contract material).

Copies of all applicable purchase orders will be provided to goods inwards inspection. Production is responsible for providing the purchasing department with information regarding any unusual or unique requirement such as source inspection, certificate of conformity, inspection system or quality program requirements. Purchasing department reviews and approves purchasing documents for the adequacy of specified requirements prior to place.

### 15.3 Verification of Purchased Product

ALUSMART has establish and implemented inspection or other means needed for ensuring that purchases C C C C C CALUSMART (or ALUSMART customer) wish to undertake verification activities at the supplier, the company will clearly state what the arrangements shall be and the method of product release in the purchasing documentation. Details of the above are as follows:

- ALUSMART may conduct plant surveys at the supplier s/subcontractor premises with permission and with supplier participation. This is specified in the purchasing documentation. Verification by ALUSMART, however, neither acquits its suppliers of their responsibilities to provide acceptable product nor precludes subsequent rejection.
- If ALUSMART or a representative of the company decided to carry out verification at the vendor s plant this cannot be used as sole evidence of control of quality by the supplier. ALUSMART through GII, shall still check purchased product for conformance to specification, even after supplier audits to ensure the continuation of quality parts

- ALUSMART customer may also carry out verification of the subcontractor premises and system. This may not be used as sole evidence of conformance by the subcontractor nor does it change the demand of the company to meet requirement or act as corroboration that these are fully met.

## 16.0 Production and service provision

### 16.1 Control of production and service provision

ALUSMART plans and control production and service using such control as:

- Making available information which describe the product characteristic,
- Making available work instructions and procedures
- Using equipment which is suitable
- Providing and monitoring measuring and monitoring equipment
- Performing monitoring and measuring activities
- Implementing method of release of delivery and after-sales

**Process control**

Relevant department managers are responsible for the identification, planning and servicing of processes directly affecting product quality and for ensuring that these processes are carried out under controlled conditions, which include the following requirements:

- Documented work instructions specifying the method of service and installation, in particular at that point in the process where inadequate work could affect quality the correct workplace, equipment, processes and production procedure.
- Relevant standard operating procedures, data sheets and safety instructions, produced to standards and codes of practice where appropriate -adequate monitoring and control of activities
- The relevant certification measurement calibration approval of processes and equipment
- Standards specifications or other criteria for workmanship which are either written or expressed through models benchmarks representative samples
- The proper appropriate maintenance of equipment.

### 16.2 Validation of processes for production and service provision

ALUSMART will validate any production or service process where the product itself cannot be verified by normal monitoring or measuring activities. This category also includes any processes where problems with the product may not become apparent until the product or service is in use. Validation is carried out in a way that it provides evidence of the capability of these special processes to produce that desired result.

ALUSMART arrangement for these processes include (as appropriate):

- Clear criteria for reviewing and approving these special processes,
- The approval of equipment, machine, tools, etc. And the qualification of the personnel involved,
- The use of specified methods, procedure and work instruction,
- The requirement for what records are needed, and
- Revalidation as necessary.

**Process Control**

Special processes, define as having results, which cannot be fully verified by inspection, and testing, and where deficiencies may become apparent only after the product is in use, are subject to a number of extra rules and safeguards, as follow:

- Process parameters and qualification operators must be controlled
- The related procedure outlines what type of maintenance is relevant to each piece of equipment

- Special processes demand continuous monitoring and compliance with documented procedures to make sure that the special requirement are met,
- Special processes are carried out and monitored by qualified personnel using documented work instruction or guidelines,

## 16.3 Identification and Traceability

Where it is appropriate to do so, ALUSMART identifies its product in ways, which are suitable to the type of products throughout the realization process. ALSHAM identifies product status with regard to inspection, measuring and monitoring. Where traceability is a requirement (whether a contractual requirement of the customer or otherwise), ALSHAM controls and records the unique product identification.

### 16.3.1 Production Identification and traceability

All raw material and products used in ALUSMART service are tracked from supplier to process to ensure quality of end service. Procedures are in place to ensure full identification and Atraceability from source to consumption and delivery. The following procedures are is in place:

a) The purchasing manager has responsibility to ensure that incoming goods are identified at incoming inspection. Record is kept to identify these goods by part number and other appropriate purchasing record.
b) In-process goods are tagged.
c) An initialing system is used by the operators to ensure traceability

### 16.3.2 Inspection and test status

ALUSMART identifies the inspection and test status of all product by using marking authorized stamps, tags labels routing cards, inspection records, test software, physical location designation, or other suitable means, which indicate the conformance or non-conformance of the product with regards to the inspection or tests performed. The identification of inspection and test status is maintained throughout the whole preparation and delivery of the service.

a) The manager of the department or area carrying out the inspection or testing is responsible for identifying the inspection and test status of that segment of the service and its products.
b) Staff members responsible for releasing conforming product are also responsible for
    - C Ctag and/or inspection and test report
c) Staff member who identify nonconforming product in the course of inspection and testing, are responsible for following control of nonconforming product procedures.

## 16.4 Customer property

ALUSMART takes care with customer property while it is under our control or being used in ALUSMART operations, ALUSMART identifies, verifies, protects and secure customer property, which is provided for inclusion in the product or other use.

Should any customer property be damaged, loss of found to be unsuitable for use by ALUSMART, this is reported to the customer and records of such occurrences are kept by the purchasing Customer property can also refer to intellectual property.Amanager or commercial manager.

**Control of Customer-Supplied Product**

Standard procedure for verification, storage and maintenance are in place for all material supplied by a customer for inclusion in the product ordered. Systems are maintained to ensure that material is used only for the customer product. Where the product is found to be unsuitable, where product is lost or damaged this shall de recorded and subsequently reported to the customer. Regardless of customer verification, the company is responsible for proper product delivery to the customer.

## 16.5 Preservation of Product

ALUSMART preserves product conformity throughout internal processing through to delivery.Preservation includes correct identification, handling, packaging, storage and protection. This Preservation also applies to the product’s component parts.

### 16.5.1 General

Procedure exists in ALUSMART documents for handling and delivery which detail the required specification for correct handling storage packaging and delivery of all product parts connected with ALUSMART operation.

### 16.5.2 Handling

Handling is performed in accordance with the handling procedures in the above documents, which stipulate prevention of damage or deterioration. Where specialized handling such as unloading from tankers or the receipt of dangerous substances is involved, detailed SOPs will be written to cover these.

### 16.5.3 Storage

Material stored within the storage area as defined in the storage procedure document. The storage area is deemed secure enough to prevent damage or deterioration of product waiting for use or delivery. This area is restricted to authorized personnel only. It is the responsibility of the storekeeper to adequately document items entering and leaving the store. The condition of the product in stock is assessed at intervals appropriate to the nature of the product. The area will be audited at least once a year according to the system audit procedure in document QA/QC internal audit. In this case of flammable these will be securely segregated. In the case of bulk fuels and chemical these will be in bonded tanks or tank farms.

### 16.5.4 Packaging and Preservation

Packaging is the responsibility of supplies and is covered in the management program.

### 16.5.5 Dispatch/delivery

Some service companies will have dispatch/delivery consideration, while other will used carriers. Where the second is so, a statement to the fact that dispatchers will be controlled under the supplier management program should be placed here.

## 17.0 CONTROL OF MONITORING AND MEASURING DEVICES

ALUSMART has identified what monitoring and measuring activities need to be performed in order to prove that the product conforms to the requirement, and identified the equipment needed. ALUSMART has established processes which ensure that the monitoring and measuring activities are carried out in a way, which is consistent with the requirements. Where it is considered necessary, the equipment used for measuring and monitoring is:

- Calibrated or checked at specific intervals (or before being used ) against traceable national on international standard
- Adjusted or re-adjusted as required
- Identified with the calibration status, or identified in a way that calibration status can be traced.
- Protected from any adjustments which could make the calibration invalid, and
- Protected from damage and deterioration during handling maintenance and storage

ALUSMART also assesses and records the validity of previous result if the equipment is found to be out of calibration or not conforming to the requirements where this is the case, ALUSMART will take the appropriate action both the equipment and any products, which might have been affected by the faulty readings. Records of calibration and verification results are kept. Where computer software is used for monitoring or measuring the intended use of the product , its ability to do this is confirmed before its initial use, and it shall be rechecked as necessary.

**Inspection, measuring and test equipment**

There are a number of pieces of equipment, which require calibration and testing to ensure that they properly support the service, and products that are delivered to customer. Those, which could critically affect quality, are identified and parameters established for their checking, calibration and replacement or repair. Records of both calibration test results and status will be maintained. In cases where equipment is found to be out of sync, the validity of previous inspections will be checked.

A

## 18.0 MEASUREMENT, ANALYSIS AND IMPROVEMENT

ALUSMART plans and implements the measurement, monitoring, analysis and improvement activities which are needed to:

- Provide evidence of product conformity
- Provide evidence of the conformity of the quality management system
- Continually improve the quality manageme C C

In order to achieve this, ALUSMART has determined suitable methods, including statistical techniques, and identified the extent to which they are used. The means of measurement, analysis and improvement constitute the remainder of this Quality Manual.

## 19.0 MONITORING AND MEASUREMENT

### 19.1 Customer Satisfaction

ALUSMART C C C C C C C C C C C C C C C C C C C C C C C ALUSMART uses this information as one of the indicators as to how well the quality management system is performing. Customer loyalty and consequential repeat trade is a major factor in ALUSMART C business. As is word of mouth reputation in bringing a new trade, and therefore ALUSMART takes customer satisfaction information very seriously. Several methods, both formal and informal, are used for obtaining and using this information. These methods consist of the following:

#### 19.1.1 Customer Complaints

Although complaints are more a measure of dissatisfaction than satisfaction, they are the key satisfaction indicator used by ALUSMART. The level of complaints received, when compared with previous levels, provides evidence of improved customer satisfaction or otherwise. The types of complaints, and their seriousness, provide evidence of customer perception of satisfaction. Information from complaints is fed back to the management at the Management Review in order that appropriate actions can be determined to reduce more eliminate them in the future.

#### 19.1.2 Visit Reports

ALUSMART C C C C C C C C C C C V C C Schedule maintained by the Commercial Manager. At each of these visits a Visit Report is filled out. In the section of the Visit Report headed Customer Comments the client is invited to enter any comments about ALSHAM products or services. These comments are collated by sales staff and passed to the Commercial Manager who reports them to the monthly Sales Meeting where any necessary Short-term actions are determined. The information is also reported to the Management Review for any necessary long-term action required.

### 19.1.3 Satisfaction Surveys

Each month, ALUSMART sales staff randomly telephone twenty (or 10%, whichever is the greater) customers from that month to determine if they are satisfied with the service or product provided. This is done according to a checklist. The costumer's responses are collated by sales staff and passed to the Commercial Manager who reports them to the monthly Sales Staff Meeting where any necessary short-term action is determined. The information is also reported to the Management Review for any necessary long-term action required.

### 19.1.4 Client Meeting

Meetings with major clients or clients with whom ALUSMART is engaged on long-term projects/contracts, take place at frequencies decided by the Commercial Manager. Minutes of this meeting are retained and any comments relevant to customer satisfaction are passed to the monthly sales meeting and also to the Management Review for action if required.

### 19.1.5 Servicing

ALUSMART maintains procedure for providing services that meet specified requirements and ensure a high level of customer satisfaction. Special services for customers include the following activities:

- Customer interface service,
- Provision of a field service,
- Product warranty management,
- Provision of service parts and training, and
- Customer complaints service.
- The commercial manager and sales manager are responsible for the coordinating customer service activities at ALUSMART and for maintaining appropriate records to document customer service performance.

## 19.2 Internal Audit

ALUSMART performs internal audits to a schedule for the purpose of determining whether or not the quality management system has been effectively implemented and maintained. The status and importance of the process and areas to be audited, and the results of previous audits, is considered when the audit schedule is planned, and the audit criteria, scope, frequency and methodology are defined in the appropriate procedure. Auditors are selected so that audits ensure objectivity and impartiality. Auditors do not audit their own work. The documented procedure details the responsibilities and requirements for both planning and conducting audits, and also for reporting the results and maintaining records. The ALSHAM management responsible for the audited area ensure that timely action is taken to eliminate any detected nonconformities and their causes. Follow-up audits include checking these actions and reporting the results.

## 19.3 Monitoring and measurement of process

ALUSMART uses suitable methods for monitoring and measuring (where applicable) the quality management system process in order to show the ability of the processes to achieve the planned results. Where the planned results are not achieved the company takes appropriate corrective/preventive action to ensure the conformity of the product. Measurement of processes is not always possible, although monitoring takes place as part of the general quality management system. In effect, this requirement is satisfied through a number of separate activities, which are contained or referenced in this Quality Manual. These activities include monitoring of quality plans and inspections of plans, resources such as competent personnel, calibration of equipment, etc. In this respect the Internal Audit process is the main monitoring tool.

### 19.4 Monitoring and Measurement of Product

ALUSMART monitors and measures various aspects of the product to ensure that the requirements for the product have been met. This is carried out at appropriate stages, according to planned arrangements, during the product realization process. Records will provide evidence of acceptance criteria conformity and will indicate the persons who have authorized the product release. Product release (or the delivery of a service) does not take place unless all the planned arrangements have been completed satisfactorily, unless otherwise authorized by the top management or, if applicable, the customer.

#### 19.4.1 Inspection and Testing (General)

ALUSMART has established and maintains documented procedures for inspection and testing activities to verify that the specified requirements for products and services are met. The required inspecting and testing, as well as the corresponding records, are documented in the Quality Plan. The inspection procedures are contained in related document (these can also be in the standard operating procedures).

#### 19.4.2 Receiving, Inspection and Testing

The production manager is responsible for ensuring that incoming product is not used or processed until it has been inspected or verified as complying with the specified requirements. The exception to this rule is described in the last paragraph of this section. Verification is in accordance with Inspe4ction Procedures. The following elements are covered in the receiving inspection and testing routine:

- Appropriate testing measures
- Means of handling rejections or nonconforming products
- Procedure for passing acceptable product and documentation of the above.

If control is carried C C C C C C C CC C C C C C C C situation, or a zero defect delivery arrangement, this procedure can be adapted accordingly or C C C C Where incoming product is needed and released for an urgent reason, it is identified and recorded in such a way as to allow its recall and replacement in the event of non-conformance with specified requirements (name the special procedure document here).

### 19.5 In-Process Inspection and Testing

a) ALUSMART C C C C C C C C C C C C CCC Ctested and identified as required, and not allowed to pass on through the realization process unless it meets the appropriate testing standards.

b) The floor manager must also establish product conformance to specified requirements through process monitoring and control methods. This is done in accordance with ALUSMART In-process Inspection and Testing Procedures, which addresses such issues as:

- the used of appropriate methods, work standards, and inspection plans or procedures for inspection and testing,
- control of non-conforming products,
- type of test inspection,
- non-conformance procedure, and
- Records and reports.

c) The product must be held and not used or further processed until the required inspection and tests have been completed or the product has been otherwise verified as conforming to specified requirements.

d) The floor manager is responsible for identifying nonconforming product.

### 19.6 Final Inspection and Testing

ALUSMART documented procedures require that all specified inspection and tests, including those specified either on receipt of product or in-process, have been carried out and that the results meet the stipulated requirements. ALUSMART carries out final inspection and testing in accordance with the inspection procedures, to show evidence of product or service conformance to the specified requirements. The product manager is the responsible for ensuring that no product is dispatched until all the activities stipulated in the quality plan or appropriate procedures have been satisfactorily carried out. The corresponding data and documentation must be available and authorized.

## 20.0 CONTOL OF NONCONFORMING PRODUCT

ALUSMART ensures that nonconforming product is identified and controlled in such a way that it cannot be used or delivered unintentionally. A documented procedure defines these controls and responsibilities and authorities related to them. ALUSMART deals with nonconforming product in a number way, including:

- By acting to eliminate the nonconformity,
- By allowing its use or acceptance (or release), through concession by relevant authorization or the costumer (as applicable), and
- By acting to prevent the product being used for its original purpose or application.

Records of nonconformities and action taken, including the concessions, are maintained. Where nonconforming product has been corrected or repaired it is re-verified to ensure that it conforms to the requirements. Where ALUSMART takes action of a type and scale that is appropriate to the effects or potential effects of the nonconformity.

## 20.1 Control of Non-Conforming Product (General)

ALSHAM quality manager is responsible for establishing and maintaining the documented procedures, Nonconforming Product/Service procedure and Maintenance Procedure. These procedures were established for ensuring that service or the equipment and product supporting it, not conforming to specified requirements, is clearly identified and if necessary halted or withdrawn until a proper review has taken place and satisfactory remedial action has been undertaken. In addition to these procedures, there are clearly marked holding areas for rejects, reworks and passed materials or products which bear special rejection, hold or pass tags.

## 20.2 Non Conformity Review and Disposition

ALUSMART Nonconforming Product/ Service Procedure are followed by all personnel who detect nonconforming service or equipment. This procedure considers the following factors:

- All service on equipment found to be nonconforming is immediately identified as such and, depending on the nature of the non-conformance, appropriate action is taken
- Responsibility for the review and authorization for the disposition of nonconforming products or items is with the quality manager, and he or she will assess all rejects and decide on the required actions
- The non-conformance and response are reviewed by the quality committee and further action is decided on
- None-conforming items are either rejected, scrapped, reworked in-house to meet requirements, accepted with or without repair by concession, or regarded for alternative use
- Repaired or reworked items are re-inspected in accordance with the normal documented inspection procedures
- Where it is stipulated by the contract, proposed use or repair of nonconforming items must be reported for concession to the customer
- Any rejected or reworked items will be documented and this documentation will be used as feedback to the supplier and the purchasing department

## 21. ANALYSIS OF DATA

ALUSMART has determined what data is needed to demonstrate the suitability and effectiveness of the quality management system, and what data is needed to evaluate where improvements to the quality management system can be made. This data is collected and analyzed, and includes information which is generated from monitoring and measurement activities as well as the other relevant sources.

The data analysis gives information, which relates to:

- Customer satisfaction
- Produce service conformity to requirements
- Trends and characteristics of product and processes where opportunities for preventive action may be highlighted
- Suppliers and their performance

Customer Satisfaction and Supplier Performance are dealt with separately by producers referenced or contained within this Quality Manual. Information on nonconforming product can also provide areas for improvement. Use of statistical techniques is outlined in the following sections.

### 21.1 Statistical Techniques (General)

ALUSMART recognizes the value of statistical techniques for assessing, controlling and improving the quality management system and processes. Statistics are used to show current levels of quality, to identify where quality improvement resources and efforts should be directed, and to show the effectiveness of past efforts. All managers have a responsibility for establishing methods and instructions for the beneficial application of statistical techniques.

### 21.2 Procedures

ALUSMART has the statistical methods to support process control and defect prevention, to measure machine capabilities and levels of quality, and to identify areas for quality improvement.

## 22.0 IMPROVEMENT

### 22.1 Continual Improvement

ALUSMART C C C C C C C C C

Cthe mechanisms of various procedures and processes contained or referenced within this Quality Manual. These activities are:

- The quality policy
- Quality objectives
- Results of audits (both internal and external)
- Analysis of data
- Corrective and preventive actions
- The management review

### 22.2 Corrective Action

ALUSMART takes appropriate action to eliminate the causes of nonconformities and to prevent them from occurring again. Documented procedures define the requirements for:

- The review of non-conformities (which includes customer complaints)
- Establishing the root causes of nonconformities
- Assessing of what action is needed to prevent the nonconformity from reoccurring
- Taking the action required
- Recording the results of the action
- Reviewing how effective the action has been

### 22.2.1 General

The quality manager shall initiate corrective action requests whenever quality records indicate that defects in the service or the materials or products used are not isolated occurrences. Corrective action requests shall apply to purchasing, repair, service or any other part of the

C C C C C C C C C

### 22.2.2 Corrective Action

Corrective action will extend to the performance of suppliers and vendors and respond to data and product received, or returned, from customer. Procedures have been established, and are documented in accordance with the Corrective Action Procedures, and maintained the following:

- Examining the reason behind the nonconformity of the product or service.
- Identifying the corrective action to ensure that the problem does not recur.
- Analyzing the processes, work operations, concessions, quality records, service reports and customer complaints to identify and rule out possible reasons for the nonconforming product.
- Analyzing trends in processes or performance of work to prevent nonconformities.
- Analyzing data and examination of product scrapped or reworked to determine extent and causes.
- Investigating nonconformities in the overall quality system.

## 22.3 Preventive Action

ALUSMART decides and takes whatever action is necessary to eliminate the root causes of potential nonconformities so that they do not occur. These preventive actions are appropriate to the scale and effects of the potentials problem that could arise. The documented procedure defines the requirements for:

- Identifying potential nonconformities and the causes of them
- Evaluating and taking whatever action is needed to prevent the nonconformities from happening
- Recording the results of the actions taken
- Reviewing the results to evaluate how effective they have been.

**Preventive Action**

ALUSMART will bring about preventive action by undertaking the following:

- Introducing preventive measures to deal with problems at a level commensurate with the risks entailed
- Introducing the required improvements and corrections
- Initially reviewing the adequacy of preventive measures
- Subsequent monitoring of the effectiveness of the actions taken
- Reacting to customer complaints or reports of non-conformance from the market or field.

# 10-Health and safety policy.

# HEALTH& SAFETY

TABLE OF CONTENTS

TABLE OF CONTENTS

## ALUSMART CO. S' HEALTH & SAFETY POLICY

It is the policy of ALUSMART Co to take all possible steps to ensure the health, safety and welfare of all employees and other persons engaged in work for the company.

It is the duty of each employee to comply with the company safety and to cooperate with the management of the company to ensure that the work place remains as safe as possible.

All employees are responsible for knowing and observing pertinent regulations in the work area and for following safe work procedures. Each and every employee is expected to report unsafe conditions and unsafe behavior to immediate superior or supervisor.

Carry out the construction works in a safe and efficient manner with due environmental awareness. The management and safety personnel all take health and safety at work as a matter of considerable significance. Managers and Supervisors shall see to it that all statutory and contractual obligations in respect of health and safety are fulfilled.

By making a conscious effort to integrate all reasonably practicable safety measures into project planning, by providing protective equipment, safety training and information to all our workers concerned, and by deploying competent trained safety officers in day-to-day safety management, safety training and supervision, we strive to the utmost of our capabilities to safeguard the health and safety of all persons, including the general public, affected by our project operations.

Health and Safety is everyone's responsibility and we recognize it as an integral part of our management system. We are committed to achieving continual and effective improvement to ensure safe and healthy working conditions for our employees and the avoidance of injury to anyone as a result of the activities for which the company has responsibility.

For and on behalf of AUSMART CO.

**Eng.ELSAYED OMRAN**

General Manager

1. **Distribution Register**

The issuance and distribution of this Health and safety Manual is strictly controlled and monitored by the Quality Manager. The controlled/ original copies of this manual are first circulated to those shown below. The Management of ALSHAM Co prohibits unauthorized copy or reproduction of this manual.

| **DISTRIBUTION REGISTER OF HEALTH AND SAFETY MANUAL** | | | | |
|---|---|---|---|---|
| **Issue** | **Rev.** | **Date of Issue** | **Recipient/ Holder** | **Position/ Organization** |
| **A** | 0 | - | Central File | (Master Copy)/ ALUSMART |
| **C** | 0 | - | Aymen ElMasery | Operation Manager/ ALUSMART |
| **D** | 0 | - | AHMED FARGHAL | Financial Controller/ ALUSMART |
| **E** | 0 | - | Mohamed Refaat | Sales Manager/ ALUSMART |
| **F** | 0 | - | Motasem Al Zubeir | Quality/ Safety Manager/ ALUSMART |
| **L** | 0 | - | Mahmoud Eltalawy | Project Manager/ ALUSMART |

2. **Amendment Register**

Alteration to this manual is not permitted without prior approval of the Quality/ Safety Manager of ALUSMART. Alteration, if approved must be applied using the system for amendment contained within the Quality Manual and shall be done only by the personnel of ALUSMART responsible to prepare the amendment.

3. **Approval of Health and Safety Manual**

This manual has been reviewed and rectified by the Management and Staffs of ALUSMART and has been approved for issuance by:

**MUTASEM AL ZUBEIR**

Quality/ Safety Manager/ ALUSMART

**1.0 HEALTH AND SAFETY OBJECTIVE AND STRATEGY**

**Safety Objective**

It is the objective of ALUSMART Co to set up the clear and precise standards and procedures for its Health and Safety (H&S) system that will be implemented throughout the company, to its activities and services by continues monitoring, auditing and improvement of the H&S process and procedure. To ensure that health and safety concerns are identified, prevented and controlled as far as reasonably practicable.

The H&S system of ALUSMART Co is designed to ensure that employees and subcontractors of the company;

- are aware of the Company's H&S plan, procedures and standards,
- consistently and effectively implementing the H&S plan,
- report any health and safety concerns for swift action,
- share best practices, and
- Integrate safety into all their works by practicing and thinking safe.

Include H&S practices where appropriate in the company and to conduct regular in-house safety training courses to enhance awareness, thus ensuring that safety competence is recognized and highlighting the ideal that H&S is mandatory.

Wherever possible, it is the objective of ALUSMART Co to influence its Clients and Customers to adopt healthy and safe practices.

**Safety Strategy**

With the view to achieve our stated objectives, we take it as a matter of considerable importance to actively managed health and safety issue at all stages of construction by:

- One) Identification of problems and hazards.
- Two) Assessing problems and hazards.
- Three) Planning of solutions.
- Four) Communication of the agreed methods of construction.
- Five) Implementation of safety systems of work.
- Six) Monitoring to check compliance and seek further improvements.

**ALUSMART**. **Co** have devised this comprehensive health and safety plan to serve as a reference point regarding safety management for all parties involved in the project and it will be updated as the project progresses.

Key issues in the implementation of this plan are seen as:

- One) Provision of competent management resources.
- Two) Exertion of close control over all our operations.
- Three) Good communication using verbal, written and visual methods.
- Four) Cooperation between all parties concerned.
- Five) Securing the communication of everyone concerned to the success of safety measures on the project.

## 2.0 ALUSMART CO PRODUCTS AND SERVICES

With the emergence of an extremely buoyant construction industry over the past few years, we identified our core markets and felt it was the ideal time to develop and become one of the leader aluminum companies in the market of Qatar. The products we offer form a major product in any new building development as there will always be a demand for a good quality supplier of these products.

**Fundamental Products:**

- All types of aluminum thermal and non-thermal windows and doors.
- Stick and semi-stick curtain walling system (aluminum).
- Unitized curtain walling system (aluminum).
- Skylights and sky domes.
- Aluminum and stainless steel handrails and balustrades.
- Structural glass facades (spider and patch).
- Automatic and revolving door installations.
- Composite cladding.
- Aluminum armored bullet proof windows and doors.
- Glass shower enclosures.

## 3.0 ALUSMART CO ORGANIZATION

ALUSMART Co with its organization is fully committed with the H&S systems, exhibited starting from the management down to its work force. Refer to appendices for the general organization chart of ALESMARTCo and the detailed organization chart for H&S department.

### 3.1 Management

The management of ALUSMART is responsible for all health and safety matters and for compliance with relevant legislation within their directorate, and will ensure that company policies and procedures towards H&S are implemented effectively.

The General Manager and the Operation Manager of ALUSMART shall establish the health and safety arrangements including delegation of management responsibilities. With the General Manager and the Operation Manager through the H&S Manager shall ensure that copies of the company's H&S manual and safety provisions are provided to each employee and staff.

The H&S Manager shall ensure that adequate trainings are provided to all employees and that all machineries, equipment and plant being use are in safe condition and suitable. That all work activities are assessed for possible risk and if risk is identified it shall be eliminated as far as is reasonably practicable.

The H&S Manager in coordination with the Operation Manager is responsible to ensure that:

- The H&S system is effectively implemented within the company,
- Adequate resources, facilities and finances are available within each operating division for the implementation of H&S system,
- a safe and environmentally sound working system, which meets al company policies are adapted and formulated to comply with all statutory obligations,
- plans and programs are developed to promote health, safely and the protection of the environment,
- Relevant standards and procedures are provided for each department and the Managers of those departments are tasked to monitor and assess the performance of the H&S system within their department.
- Employees have received sufficient information, instruction, training and supervision to enable effective implementation of the H&S system,
- H&S issues are part of the agenda in all management,
- The importance of the H&S system is considered in all business decisions,
- The participation in accident or incident investigation where appropriate, and
- The company's H&S system is periodically appraised and if necessary revised.

**3.2 Department Managers**

The Departmental Managers are responsible for overseeing the implementation of H&S system on day-to-day basis within their respective department or areas of responsibility. The departmental Managers shall ensure that:

- Work performed within their areas of control is conducted in a safe and sound manner, both the worker and environment.
- Company's H&S requirements are communicated to all staff.
- Training plan is developed, identifying training needs and allowing staff the time needed for training.
  - Safe systems and safe places are provided at all times and maintained.
  - Accidents, incidents and potential hazards are assessed and reported according to documented procedures and corrective actions implemented for that purpose.
  - H&S goals are established. The goals shall be both measurable and achievable.
  - Management review and annual performance appraisal of staff are conducted to assess the achievement of H&S goals.
  - All levels of supervision in each department are qualified and received adequate and appropriate training.
  - Employees are encouraged to participate actively in the improvement of H& S system.
  - Conduct regular H&S meetings to review H&S activities, to plan for the succeeding activities or operations and to establish safe working procedures to everyone.

**3.3 Health and Safety Manager**

The responsibility of the H&S Manager shall include the following:

- Assist with the development, implementation and monitoring of H&S System, policies and procedures.
- Report and directly liaise with other Departments Managers regarding H&S matters.
- Conduct environmental aspect of the system, impact evaluation and assist with setting of H&S objectives, targets and management programs.
- Ensure that emergency drills are periodically conducted in accordance with the emergency drill programs and schedules.
- Review the emergency procedures and update as necessary after any emergency incidents and drills.
- Maintain and ensure all H&S documentations are up to date.
- Assist with the review of incident reports and their corrective and preventive actions.
- Conduct H&S Audits to monitor effectiveness of H&S system.
- Ensure Risk Assessments and Job Safety Analysis is carried out regularly.
- Organize periodic meetings to review the H&S system.

– Design H&S flyers, signage, leaflets and handbooks for distribution or posting to generate the H&S awareness within company.

**3.4 Health and Safety Engineer**

The H&S Engineer is tasked mainly to promote the H&S system and to oversee its effective implementation. Responsibilities of H&S Engineer, such as to:

– report directly to the H&S Manager regarding all H&S matters,
– be an expert with the company's H&S system,
– organize and conduct weekly meetings(at the office, factory or site) for H&S reviews and updates,
– Ensure that all new employees or operatives working with ALUSMART received the H&S orientation program within seven (7) days of joining.
– Be familiar with all H&S procedures and documentation,
– Liaise with relevant personnel as required. Departmental Managers, Supervisors and assigned Emergency Response Personnel
_ Inspect and monitor the place of work, ensuring that all H&S procedures, safe working practices are being carried out properly in accordance with relevant H&S legislation and with the requirements of ALUSMART Co
- Conduct inspection to ensure correct placement and serviceability of safety equipment and firefighting equipment are in place
- Ensure that records or checklists are completed and filled for all inspections, accidents, audits and exercises.
- Assist the H&S Managers in organizing and carrying out emergency safety exercises and training.
- Assist with reporting and investigation of accidents or incidents and ensure that all accidents or incidents are reported
- Conduct Risk Assessments and carry out Job Safety Analysis in coordination with Supervisors and Operators
- Coordinate the H&S activities between the company and any other individual contractors or subcontractors who may be working with ALUSMART Co
- Ensure that safety notices and accident statistics are posted in prominent positions, and
- Liaise with Client's/Customer's Safety Representative.

**3.5 Supervisors and Foremen**

The Supervisors and Foremen are expected to:

- Set an example for employees to follow

- Know the safety requirements and have a thorough knowledge of the hazards associated with each operation,
- Be familiar with the company H&S procedures and ensure they are effectively implemented.
- Ensure both themselves and employees under their supervision are encouraged to participate the H&S system actively, and to improve the H&S system by being proactive in preventing the possible H&S risks and by reporting H&S cases their immediate superior or directly to H&S Engineer
- Ensure that employees are adequately trained and fully aware of any H&S hazards associated with their duties
- Communicate safe working procedures to each employee
- Keep and record the periodic H&S meetings
- Ensure that adequate supervision is available at all times
- Thoroughly investigate and report all injuries, the 'Near Miss's incidents and the environmental related incidents, and ensuring that corrective action has been implemented
- Ensure safe conditions exist and safe practices are followed
- Make sure that suitable Personnel Protective Equipment(PPE) is available and used where appropriate
- Ensure that employees report all injuries and unsafe conditions or practices
- Maintain well housekeeping at all times
- Conduct Risk Assessments and Job Safety Analysis with the assistance from H&S Engineer and Liaise with H&S Engineer on all H&S matters

**3.6 Employees**

All employees of ALUSMART Co must exercise the following

- Make themselves familiar with and conform with the company's H&S policies at all times
- Observe all H&S rules at all times
- Use the correct Tools & Equipment for the job
- Use the correct Personal Protective Equipment(PPE) for all the job at all times
- Take necessary action to correct or stop any unsafe condition or practices
- Report every injury, as well as unsafe practices or conditions to the Supervisors or H&S Engineer
- Actively participate in H&S meetings
- Assist in the investigation of accidents
- Fully cooperate with supervisors in the promotion of H&S system, and

**4.0 GENERAL HEALTH AND SAFETY RULES**

**4.1 H&S General Principles**

a) All H&S injuries irrespective of its nature must be reported as soon as possible to immediate Superior of H&S Engineer
b) All 'non-facility ' personnel must check in with the Security or Receptionist before proceeding to any operations areas
c) All employees and visitors must wear proper PPE when entering or visiting work sites or workshop areas
d) Fighting and horseplay are strictly prohibited within company or project site premises.
e) No equipment shall be operated unless the employee or operatives have received proper instruction or training in operating the equipment or tools.
f) No work shall be started on any unit or equipment without the knowledge or consent of the person responsible of that area
g) An employee must immediately report any unsafe conditions or practices to his immediate Supervisor and take corrective action.
h) Running in work areas in normal cases is prohibited, except during an emergency.
    i) Finger rings, metal banded wristwatches and other conductive items should not be worn when performing work on live electrical systems.
    j) Loose clothing, loose accessories and unrestrained long hair should be controlled when working around rotating machinery.
    k) All fires, whether extinguished or not, must be immediately reported to Supervisor H&S Engineer.
    l) All ALUSMARTCo operation areas must have First Aid boxes with the minimum prescribed contents as per the Doha Municipality Environmental & Safety Guidelines.

**4.2 Safety for New Employees**

All new employees will be inducted on the company's health and safety rules and regulations in the course of their introduction to the works or project sites. Such information will cover fire prevention regulations, protective equipment, permits-to-work, accident reporting procedures, and all other H&S points. The H&S Department will ensure that each new employee is issued with the relevant safety literature and personal protective equipment. New employee are advised to check with their immediate Supervisor on any doubt as to the correct safety measures relating to their job.

**4.3 Office Safety**

The following list of office hazards is typical rather than comprehensive and is offered in order that employees may become more observant of any condition, which might bring about injury.

- Broken glass should not be placed in wastebaskets.
- Shelves should not be overloaded.
- File cabinets should be secured to the floor or wall.
- Bookcases should be secured from tipping.
- There should be no storage on bookcases.
- Desk drawers, file drawers and disk slides should not be left open when not in use.
- File drawers should be over stuffed.
- Sharp tools, scissors should be stored correctly.
- Furniture should be kept in good repair to prevent splinter injury.
- Casters on swivel chairs must be maintained in good condition.
- Broken glass desktops should be replaced.
- The handle of a paper cutter should be fastened down when not in use.
- Flammable material should not be stored in lockers or cabinets.
- Stepladders should be used, not chairs, to reach high shelves, etc.
- Electrically powered machinery must be properly installed and inspected regularly.
- Cable extensions such as reels should not be used.
- All emergency exits should be clear at all times.
- Everyone must be familiar with emergency procedure.
- It is recommended to use antiglare filters on visual display units (VDUs) when working with computers (PC).
- No liquid spray should be used on computers (CPU).
- Electrical power should be put off in offices after working hours during rainy season.
- Care should be taken while shredding papers for employees wearing ties and loose garments.

**4.4 Drinking Water**

An adequate supply of potable drinking water shall be provided for all persons at work near the workplace which shall be readily accessible at suitable places in hygienic conditions. Drinking water supply shall be well covered and kept clean away from foul odor and other kind of pollutants. Drinking water that is supplied in refillable containers should be suitably enclosed while storage to prevent contamination.

**4.5 Smoking**

Smoking is prohibited in all officers in ALUSMART Co and vicinity of operations primary would constitute a fire hazard, among other know hazards that it might cause. smoking will be allowed in designated areas only, All lighters, matches and sources of ignition will be kept in designated area.

All production process and construction area are “No smoking” Areas. “No smoking” posters must install or displayed in sufficient number and size. Disciplinary action will be implemented to prevent any violation.

**4.6 Drugs and Alcohol**

The use of Dugs and alcohol can impair the performance at work and can be a serious threat to safety, health, environment and productivity of an individual. It shall be the duty of every employee to recognize this threat and adhere to the company policy which states that ‘Drinking of alcohol on the job, using non prescribed medication, reporting to work under the influence of intoxicants or drugs is prohibited’ the company will expose violator of this restriction for severe action

**4.7 Signs, Posters and Barriers**

Specific safety signs shall be posted in conspicuous places within the offices, factory, work site and entrances in order to inform all workers and visitors of potential office and site hazards (falling objects, electrical, mechanical, driving hazards, drills gas cylinders and storage areas, etc.).

**4.7.1 General Signage**

Signs and symbols required under this subsection should be visible at all times when work is being performed. The colors and symbols used shall conform to international Standards. The signage shall be written in text; ENGLSIH, ARABIC AND OTHER LANGUAGES known to majority of workforce.

**4.7.2 Danger and Prohibition Signs**

Danger and prohibition signs shall be in red, meaning an action is forbidden or stop action. The symbols shall be inserted inside the circle in black and the text in ENGLISH, ARABIC AND OTHER LANGUAGES as white letters on a red background.

**4.7.3 Warning Signs**

Warning signs shall be to warm and/or to advice the hazard/danger. The Signs shall be in yellows and black colors. The black outlined triangle shall Contain a black symbol on a yellow background.

#### 4.7.4 Mandatory Signs

Mandatory signs shall be in blue and white and shall be complied by all Persons. The white symbol and text shall be located inside a solid blue Circle. The mandatory signs shall be used for giving a positive instruction.

#### 4.7.5 Condition Signs

Safe condition signs shall show the way to safety with white symbol and Text on a rectangular green background.

#### 4.7.6 Fire Equipment Signs

#### 4.7.7 Traffic Signs

All traffic control signs or devices used for protection of company's Workforce or public shall conform to standards set by Doha Traffic Police and Doha Municipality Roads Department 'Traffic and Transportation Unit And requires the approval of Doha Municipality Roads Department and Doha Traffic Police.

- The Company shall provide appropriate signs, posters to all Departments to worm the employees of hazards in order to prevent Accidents in office and each work site.
- Site Supervisor, assisted by the H&S department, shall ensure that all Persons in the work site adhere to posted instructions and sign. It is Strictly forbidden to remove or change a signs positions.
- Company safety posters shall be displayed in relevant positions at the Job sits and in office. Safety posters shall be updated whenever Necessary.
- Physical barriers shall be provided around excavated areas. A Warning signs DANGER KEEP OUT- OPEN EXCAVATION shall be Displayed and placed at each excavation corner. When excavations Are performed in the proximity of vehicles or equipment and transit Road, the flashing warning lights shall be posted at night time.

**4.8 Protection of Public**

The Company will take all the necessary precautions and will make all efforts To protect the public at all times where company's work is in progress, by the use Of signs, barricades or personal warning. when working on customer's premises Or public property, every effort will be made to avoid hazards to persons or Unnecessary property damage. Barriers must be placed around all open Manholes and excavations.

**4.9 Physical Fitness**

It is mandatory that every applicant, before employment is expected to pass a Physical examination and to be found physically qualified for the work that He/she will be assigned to.

It is the responsibility of every employee who is unable to perform his duties due to illness or other disability to promptly report his condition to his immediate Supervisor. And employee who is absent from work due to illness or injury will be requested to pass physical examination to determine his fitness for duty

**4.10 H&S Control on Purchasing Materials**

The purchase request and the contract are opportunities to control hazards. Purchasing staff will not always know if a substance or tool is hazardous unless the requestor tells them. Often a substitute can be found that is less toxic, has a higher flash point, or in some way is less hazardous. Other safety problems are 'bought' if the needs for guards, insulation or safety devices is not specified.

**5.0 ENVIRONMENTAL**

**5.1 DEFINITION**

Environment is the surrounding in which an organization operate such as air, land, water,flora,natural resources humans and there interrelation.

**5.2 General Environmental Requirements**

a) It is prohibited to throw down, place, abandon or discharge any of the following materials listed below in any road, path, passage, open land, quay area, roof, wall, fence, or any other place.
   - All kind of waste and unwanted discarded materials such as garbage, waste paper, waste packing materials, cut pieces or metal chips, grit or sandblasting waste, waste water, wash water including over flowing manholes, septic tank, soak way and A/C condensed water.
   - Anything which may hinder the free passage of vehicles and pedestrians or adversely affecting the environment or cause contamination of any other breach or threat to public health and environmental safety

b) It is prohibited to discharge waste oil or throw down any kind of refuse, chemicals or litter into the drainage or the harbor.

c) It is prohibited to discharge waste oil or throw down any kind of refuse, chemicals or litter into the drainage or the harbor.

d) It is prohibited to dispose of chemicals or other hazardous chemicals like toxic waste corrosive chemical waste or their empty cans into ordinary skips. Prior approval must be taken from H&S department before deposing of such waste.

e) Light waste such as papers polybags or light packing materials which may move or fly easily by the wind must not be disposed off untidily into skips or any uncovered bins.

f) Permanent skip service must be provided for the disposal of all kind or refuse and it should be cleaned regularly.

g) It is the responsibility of every employee to use the best practicable means for preventing the discharge of noxious or offensive substances (include: gases vapors, smoke, dust fume and solid and liquid wastes) into the environment.

h) It shall be the policy to purchase products and materials, which are environmentally friendly .the use of toxic metals including lead, mercury and cadmium shall be avoided.

i) Solvent free painting system shall be introduced.

j) It is prohibited to discharge any liquid effluents or airborne emission which exceed the discharge limits as established by the standards.

k) No hazardous waste (liquid & solid) shall be disposed without prior approval from H&S section

## 5.3 General principles

The general principles set out below should be used to produce an environmentally friendly and problem free site:

- Consider the environmental impact of the contract during the planning stage and plan action to reduce and avoid matters, which are likely to cause environmental problems.
- Provide method of work, which are environmentally friendly .
- Include for the provision of appropriate environmental control in subcontracts.
- Choose quite machinery wherever possible.
- Where appropriate consider an informative public relation exercise before sitting up site.
- Make contact where necessary with any local pressure groups or residential associations.
- Discuss environmental issues at an early stage with the safety advisor.
- Set up clean and tidy site with good fencing good publicity materials and present a good image.
- Ensure that our activity causes as little nuisance as possible, inconvenience or disturbance to the public especially regarding footpath and traffic movements.

## 5.4 Impact assessments, Audits and Inspections

The environmental impact assessment (EIA) is an essential technique for ensuring that the likely effects of a new development on the environmental are fully considered before development can go ahead. Although regulatory bodies will obtain sufficient information in advance of a development to give planning permission. EIA provide systematic analysis allowing proper evaluation potential environmental impacts of the project.

Environmental inspection will be carried out as part of the normal safety and health inspection of site by the H&S department. They may an occasions be supplemented by specific measurement of the effect on the environment.

## 5.4 waste control

Reduce to a minimum. The company has paid the materials itself, paid for it to be delivered to site, and will have to pay again to have it removed as waste.

Keep the site tidy; arrange to move waste as soon as it is produced to skips or waste areas. Allowing waste to accumulate portrays a bad image, creates safety hazards and may cover useable materials, causing them to become lost or damaged.

Allocate the responsibility for keeping the site tidy to an appropriate person. When storing waste on site, care should be taken to ensure that waste does not escape into the environment by soaking into the ground or by any other means. Rubbish should be not burned, especially if it creates black smoke, which is clearly environmental pollutant.

Selected materials where possible should be re-used on site, or if possible, transferred to another site for use there. Materials identified for re-processing should be segregated, stripped down and sent for re-processing or re-use off site. Uncontrolled discharges of liquid waste to the drainage, sewer system may cause irreversible harm. Liquid waste should be collected and stored in a large bonded container for subsequent removal to a disposal site; this may include waste from de-watering operations.

Authorization from the relevant authority should be obtained before any discharge can be made into any river, water course or sewer.

There may often be value in carrying out a noise survey on sites in sensitive's areas before the site commences operations. This will then ensure that we know the ambient noise level and how much additional noise is being produced by the site.

Clearly the site should always keep any noise to a minimum but to avoid complaint, it is sometimes advantageous to contact local residents residents associations and other bodies at an early stage to explain what is about to happen, for how long, and to advice that the site is doing everything that it can to avoid unnecessary disruption to the community. This approach may be successful if the community want the development but may be counterproductive if there is strong opposition to the works.

Special care should be taken not to use noisy processes or equipment after a time when children are in bed or local settled down to relax. In general it is always better to avoids complaints being generated rather than to have to take steps later to change the process to deal with the complaint.

**5.6 Land Pollution**

After an assessment has been carried out on EIA, remedial action may be required to reduce or eliminate specific risks. These remedial actions or controls may take the form of:

a) Elimination - removal of contaminated or special waste to a toxic( special) waste tip.

b) Isolation - by the use of encapsulation methods.

c) Retention - this can only be considered where the contamination is minor, and the waste is to be retained with full knowledge of all the relevant authorities.

Spillage of materials from site, to the land, resulting in pollution can best be avoided by the use of bounded storage areas.

Above ground storage tank should be located where they can be inspected for leaks and corrosions. They should be provided with sound foundations to prevent settlement, and should be marked to show contents and capacity. All bound should be constructed and lined with impermeable material and capable of taking the contents of the tank, plus a 10% spare 'safety factor'. There should be no outlet from the bound and rainwater collected within should be regularly pumped out by a manual operated pump. Sites may wish to establish litter collection points around site.

**5.7 Visual Impact**

The visual impact on the public and our clients is very important; the impression which people formed towards the company depends very much on what they can see.

It is important to have clear publicity boards, good signage and appropriate notices. Access ways should be clearly defined and where possible vehicles and pedestrians should be kept apart.

Waste materials should be reduced to a minimum and kept tidy. Rubbish should be cleared regularly and not allowed to accumulate. Particular attention should be paid to wrapping and packing materials which if left about can be blown by the wind either off the premises or against fencing giving a very poor impression of the activities.

Stacking of materials should be neat and general site tidiness should be achieved. Remember that a construction sites always attracts onlookers, so a good impressions of our activities is essential.

## 6.0 Risk Management

### 6.1 Introduction

The identification of hazards and the assessment of risks is a key part of Company Policy for Health and Safety. Risk assessment is carried out on an ongoing basis and mentioned to be effective. It is essential that all employees cooperate wherever they can in the risk assessment process.

**6.2 Purpose**

The Purpose of risk management id to determined if ALUSMART is managing H&S system properly and to identify any improvement, which can be made. The assessment will cover all the tasks, Procedures , plants, etc… and is not an assessment of people .

**6.3 Definition**

Risk management is the systematic approach to the identification, evaluation and control of potential losses that may arise from future event.

**6.4 Stages of risk management**

**A) Job safety analysis**

Consider all tasks and situations.

Identify the hazards that are, or may be involved.

Identify those who may be exposed to the hazards.

**b) Risk assessment**

Analyze the risks of injury or loss from the hazards.

Evaluate if the risk are adequately controlled.

**c) Risk control**

Consider methods, which may eliminate or further reduce the risk in line with the basic principles of hazard control.

Implement the risk control measures.

Monitor the measures.

Review and feedback of any corrective actions or opportunities or improvement.

**7.0 HAZARDS**

**7.1 Identify Hazards**

A hazard is something with the potential to cause harm (substance or machine, method of work and other aspects of work organization). After breaking down the task in to its component elements, the next stage is to identify the hazards involved. It's important not be side tracked into identifying thinks as hazards that are infect not hazards. This can waste time and results in failure to address the real issue and to consider proper control measures.

**Hazard Examples**

- Safety Hazards
  - Electricity and portable tools
  - Hazardous Chemicals
  - Machinery
  - Shared edges
  - Lifting and handling
- Health Hazards
  - High noise level
  - Hot/Cold working conditions
  - Hazardous chemical

**Methods of Hazard Identification**

- Accident investigation
- Accident statics
- Safety Audits
- Workplace inspections
- Discussions

**7.2 Recording the hazards**

On the risk assessment, the list of possible hazards identified wills be recorded. The hazard list may be needed to be repeated if the next step identifies that certain individual are at a special increased risk from a particular hazard.

**7.3 Identify persons at risk**

Consider the people who are at risk, not only those directly involved, but also those who may effect by the activity. The following can be used as examples of persons who may be at risk

- Employees at work including operators directly involved the activity.

- Other employees in the work place such as; skilled workers, trainees and new workers, experienced workers, pregnant staff, workers with breathing difficulties, lone workers, and shift workers.
- Contractor employees (regular contractors or first time contractors).
- Visitors (regular/first time)

**8.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**8.1 Introduction**

The definition of PPE equipment is very broad and covers all protective equipment such as helmets, footwear, clothing overalls, gloves, life jackets and safety arenas. Ordinary working cloths are clothing provided which is not specifically designed to protect the health and safety of the wearer is not within the definition.

**8.2 Requirements of PPE regulation**

The main requirement of the PPE regulations is:

The employer provided that protective equipment where it is necessary to protect against one or more risks to the user where that risk cannot be adequately controlled by other means. The protective equipment should

Be suitable for the use for which it is provided and be capable of fitting the wearer.

- That where different types of PPE are used at the same time that they are compatible.
- That a specific assessment to be made by the employer of the uses for which PPE is required and the characteristics of the PPE required is made to ensure that effective protection is given to the user.
- That all PPE is to be maintained, replaced, or cleaned as appropriate.
- That appropriate accommodation should be provided by the employer when PPE is not being used. All accommodation should protect from contamination, loss or damage.
- That information, instruction and training is given to those required to use it.
- For the employer to take all reasonable steps to ensure that PPE is being used properly and employees are required to use it in accordance with the training and instruction.
- That employees report any loss or defect of that equipment to their employer.

# 11-Machinery list and production information.

C

C

C

Dꓲ ä 𝟖 ä G DY–𝟖 k C

f C CD CY G CC

D CY G C

D C G C

D C CY G C

D C G C

C C C C

D C C C CY C C

DY CY CY C C C C

C

YG DY–𝟖 k C

C CY C C

C C CC

Cf C C C C

C C C C

C C C C

C C C

C

C

C

C

C

C

C

C

C

## Double Head Aluminium Cutting Machine

## Aluminium Crimping Machine

.

# Aluminium Hole Machine

# Aluminium Single Cutting Machine

## Aluminium Routing Machine

## Press brak bedding machine

## Aluminium & Steel Sheet Cutting machine

## ACP Cladding machine

# Upvc Cutting machine

# Upvc welding Single & Double Head machine

## Upvc cleaning machine

## Upvc Routing machine

## Upvc milling machine

## Some Of Assembling

# 12-List of projects.

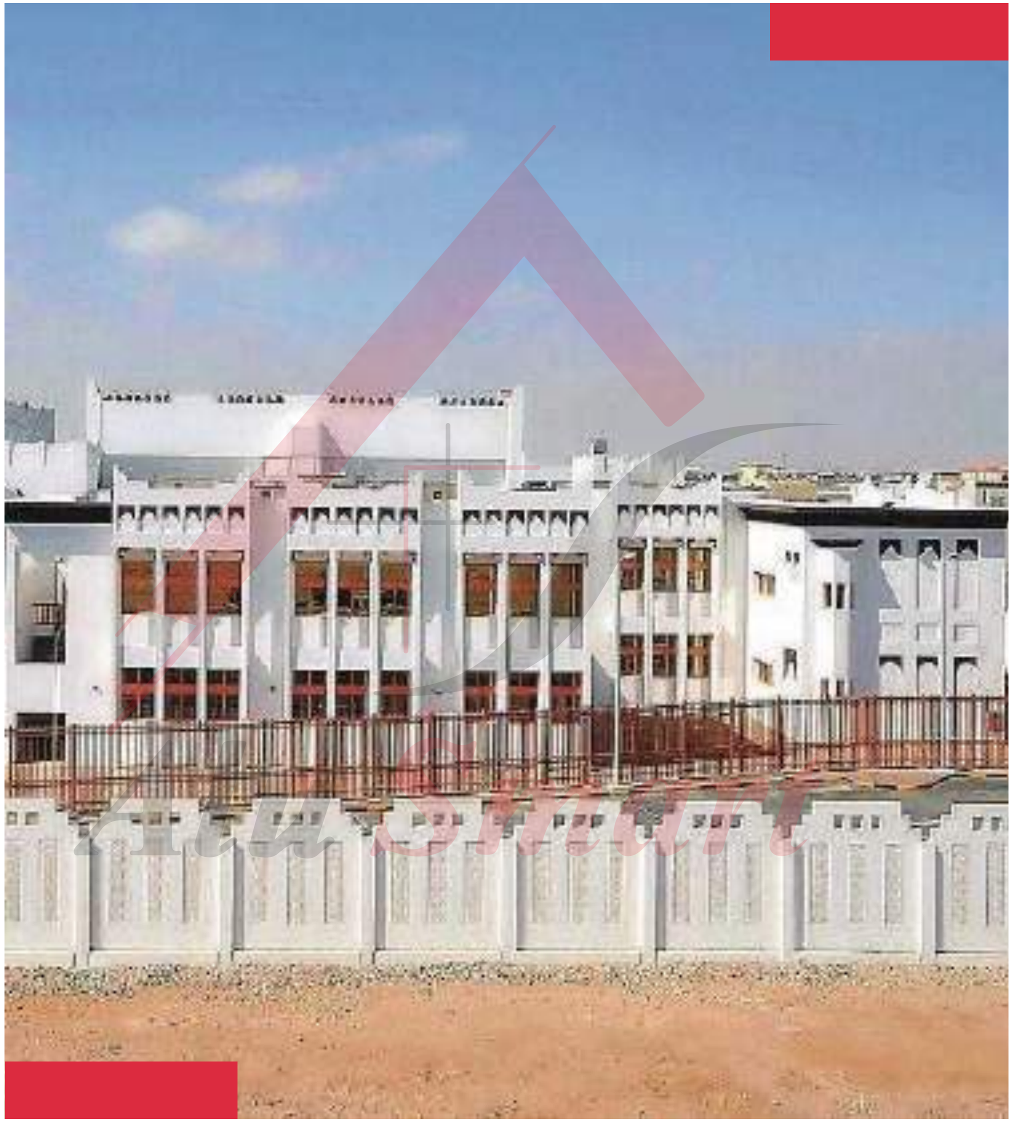
A-Completed

B-Ongoing

# A-Completed Project

# 09-OUR WORK

Alu Smart



Design and Build for the Modification and Additional works to Existing Schools _ Package Three _ 11 No.'s Schools


Project Name : Moi Building

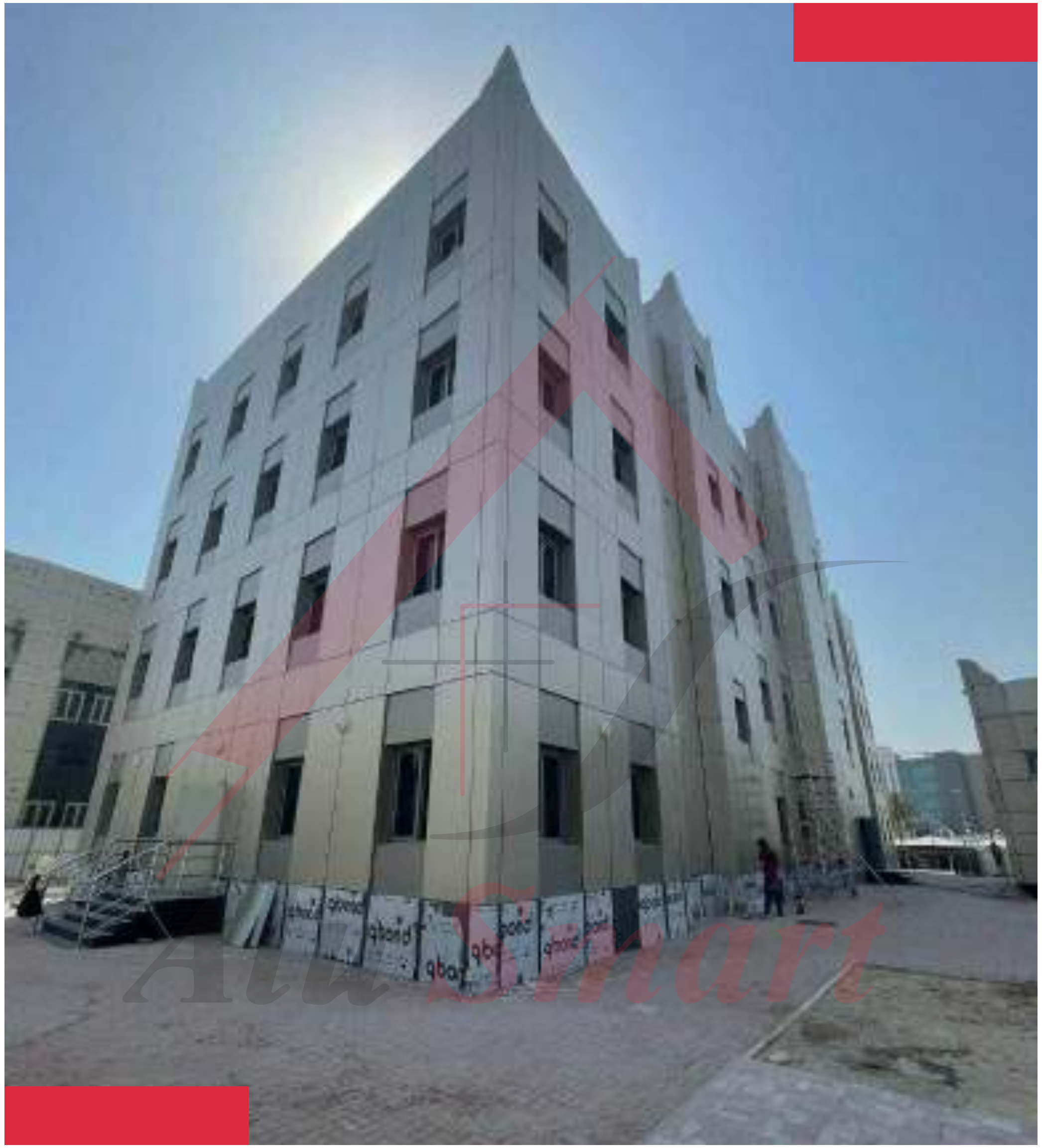
Main Contractor : Boojamhoor Trading and Contracting

Alu Smart


Project Name : Moi Building

Main Contractor : Boojamhoor Trading and Contracting

Alu Smart



Project Name : Moi Building

Main Contractor : Boojamhoor Trading and Contracting

Alu Smart

Project name : Qatar Tennis Federation Building

Main contractor: Qatar Tennis Federation

Project name : Qatar Tennis Federation Building

Main contractor: Qatar Tennis Federation


Project name : Qatar Tennis Federation Building

Main contractor: Qatar Tennis Federation


Project Name : Duhail Building

Main Contractor : Qatar Infrastructure company

Alu Smart

Project Name : Duhail Building

Main Contractor : Qatar Infrastructure company

Project Name : AlSaad Comercial Building

Main Contractor : Dokhan Engineering

AL Kawary Hotel, Main Contractor : SAK


17 May, 2021 09:55 AM


2023.10.02 15:59

Project name: icono building

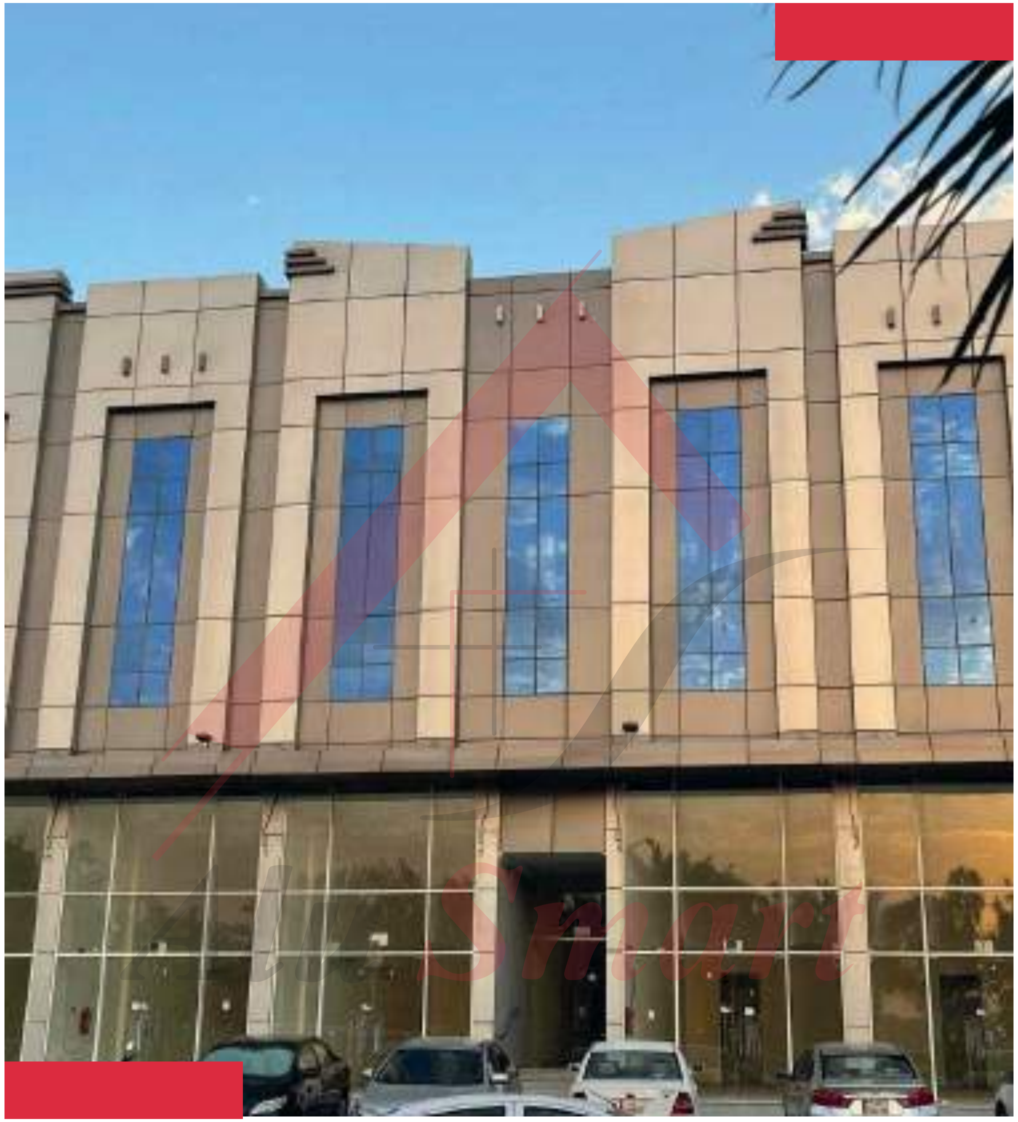
Main Contractor: qatar Infrastructure company

Project name: icono building

Main Contractor: qatar Infrastructure company

AL Mora Commecial Building ,

Main Contractor : AL Whda AL Arabia Contractor

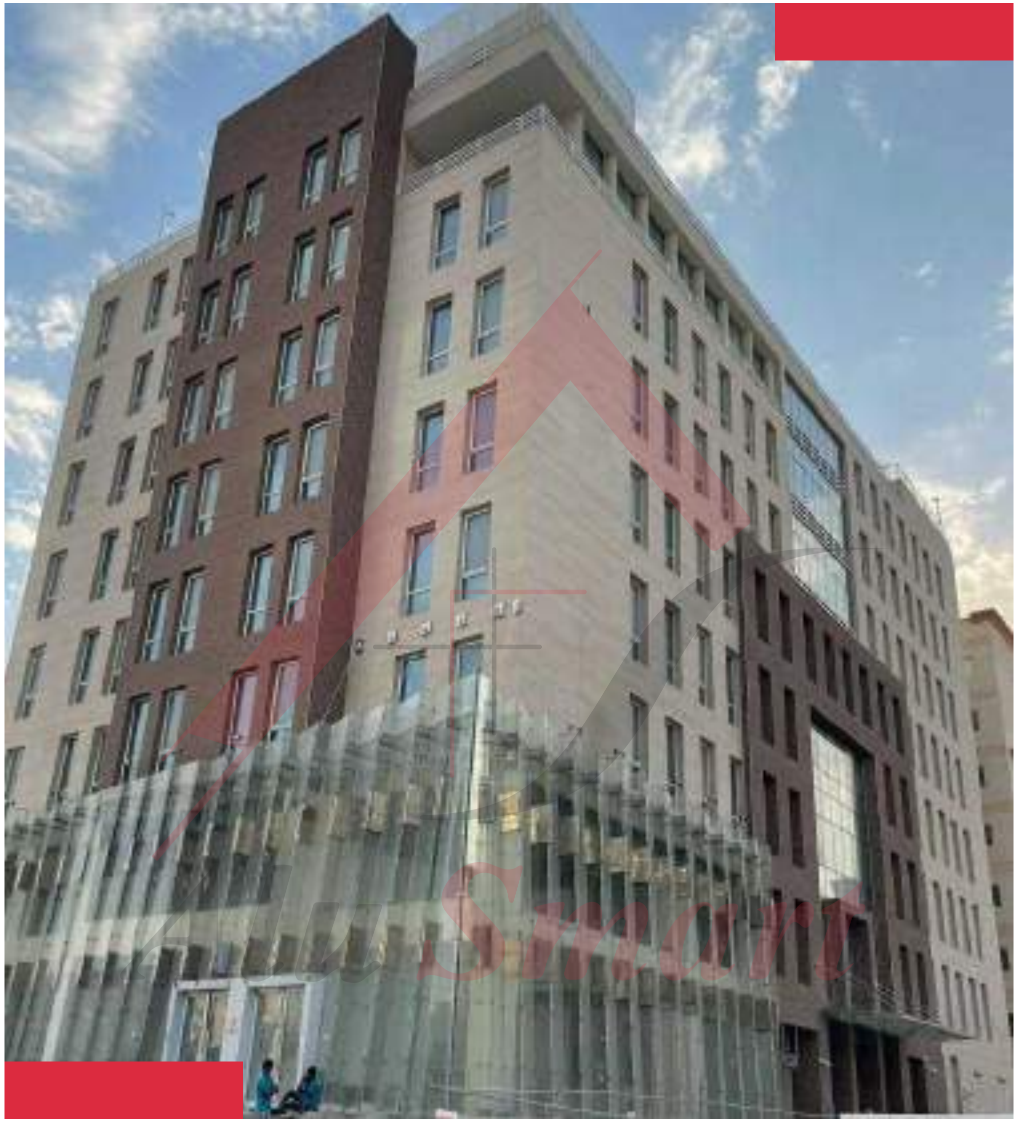


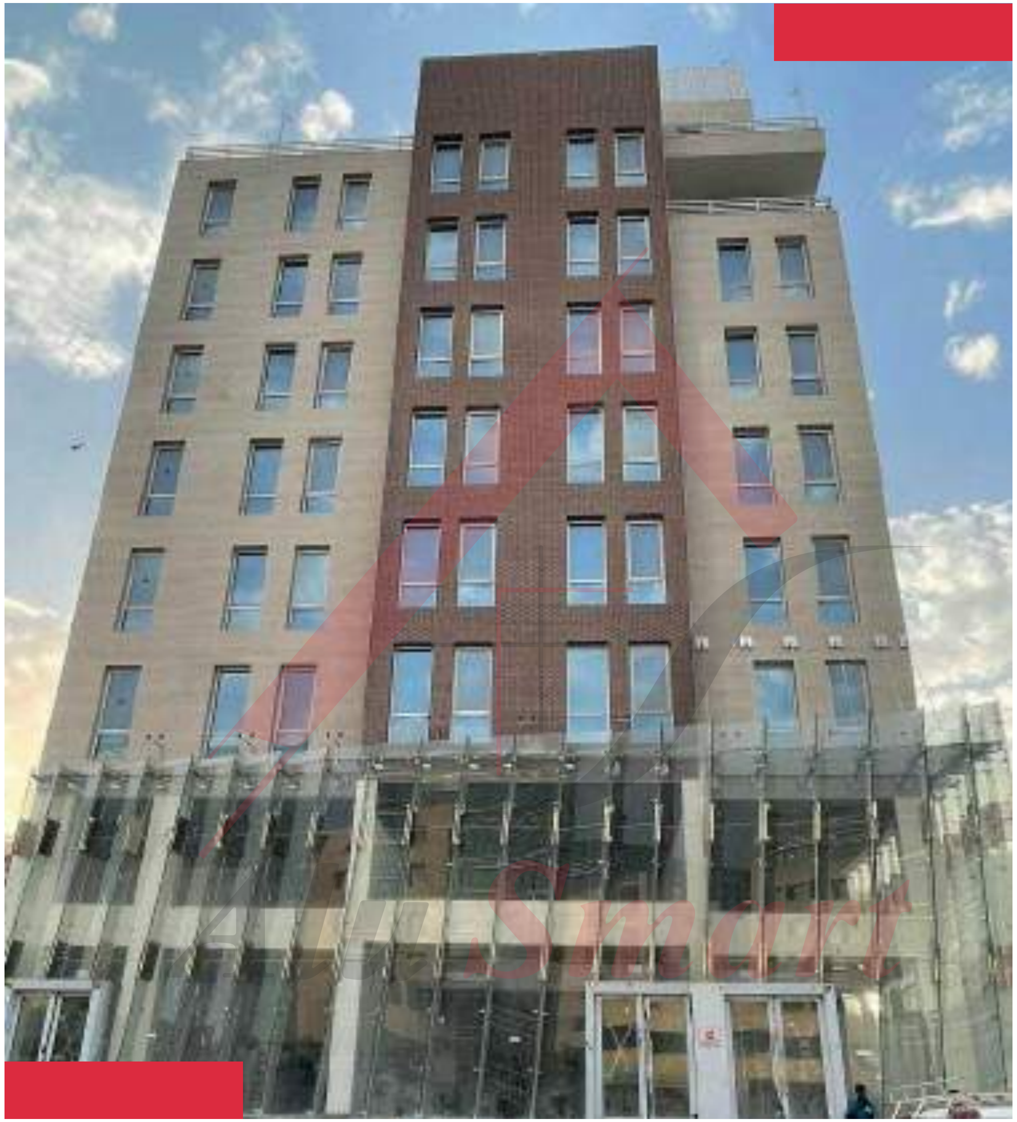

AL Mora Commecial Building , Main Contractor : AL Whda AL Arabia Contractor

Alu Smart

HAFSA Building Project ,

Main Contractor Taleb Group

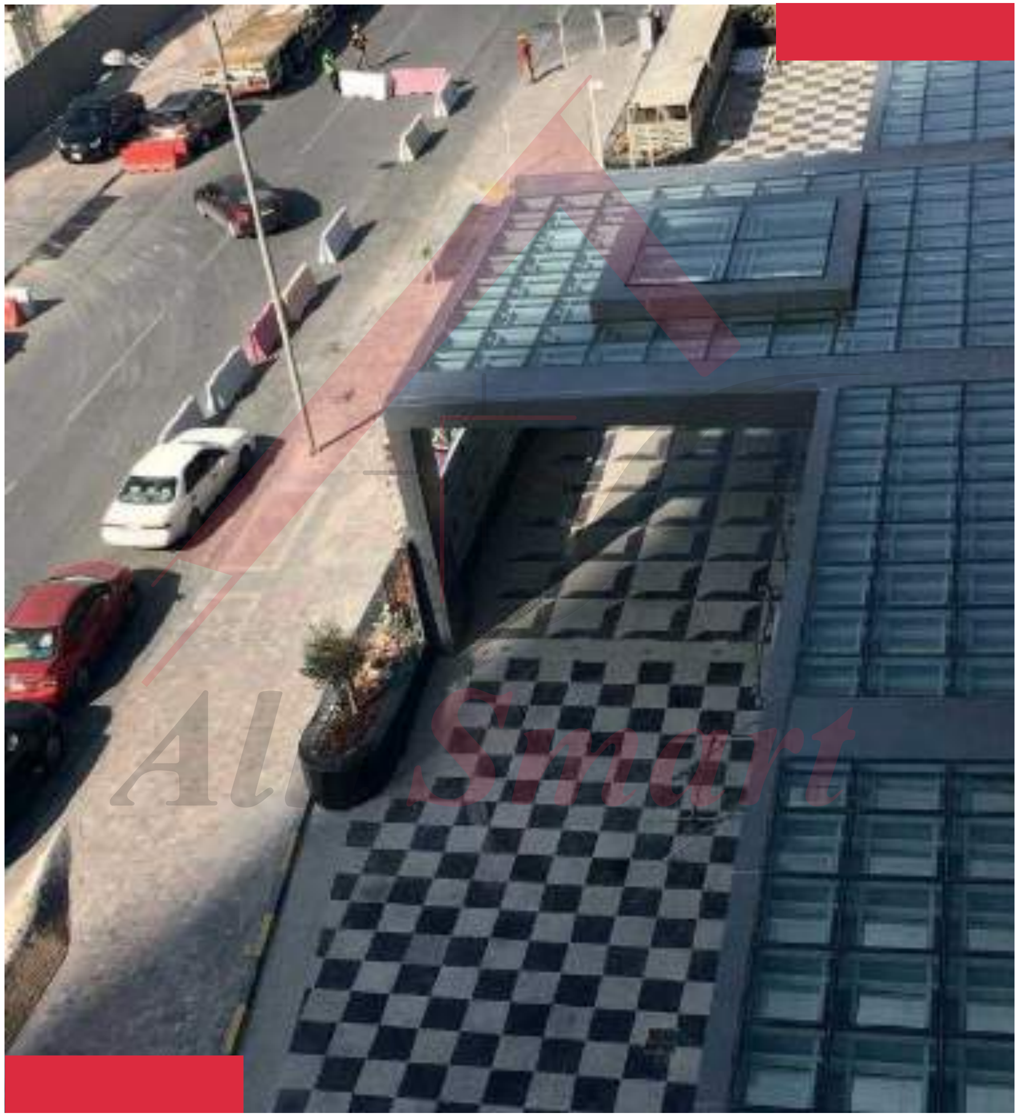


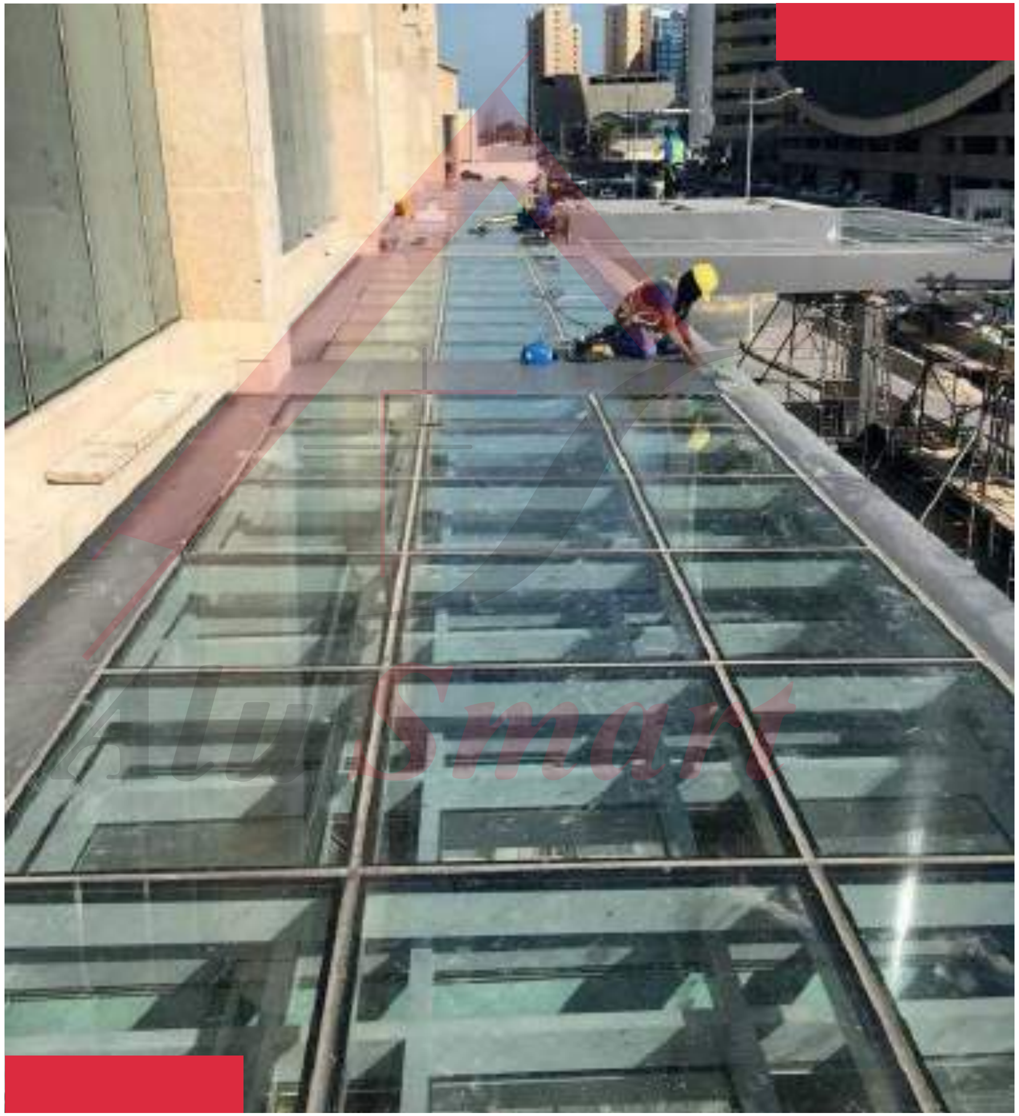


HAFSA Building Project , Main Contractor Taleb Group

Alu Smart


Windom Hotel West pay , Main Contractor SAK contracting





Windom Hotel West pay , Main Contractor SAK contracting

Windom Hotel West pay , Main Contractor SAK contracting


Project name : D Clad Factory

Main Contractor: HWH trading and Contracting

Alu Smart

Project name : D Clad Factory

Main Contractor: HWH trading and Contracting

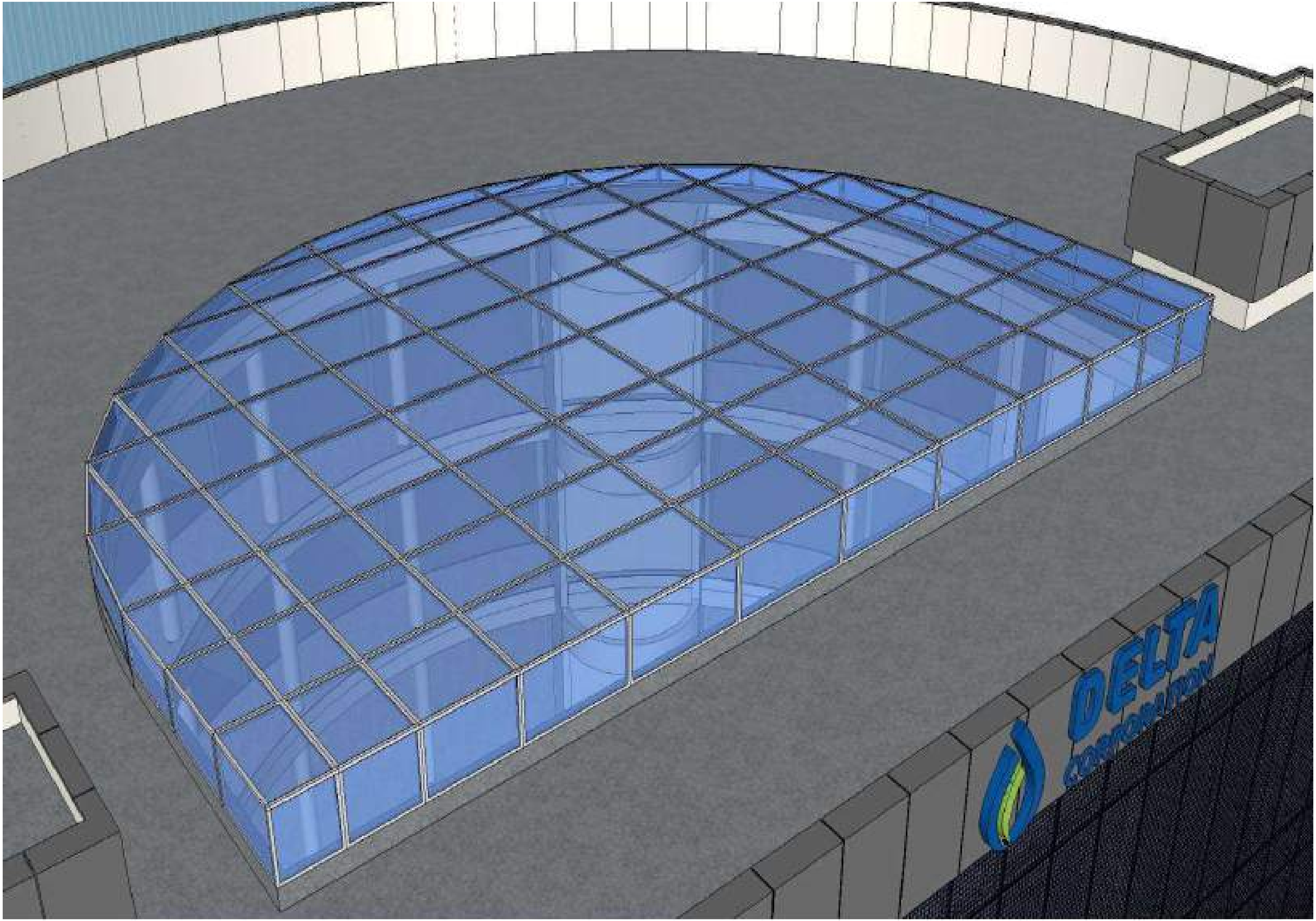
Alu Smart

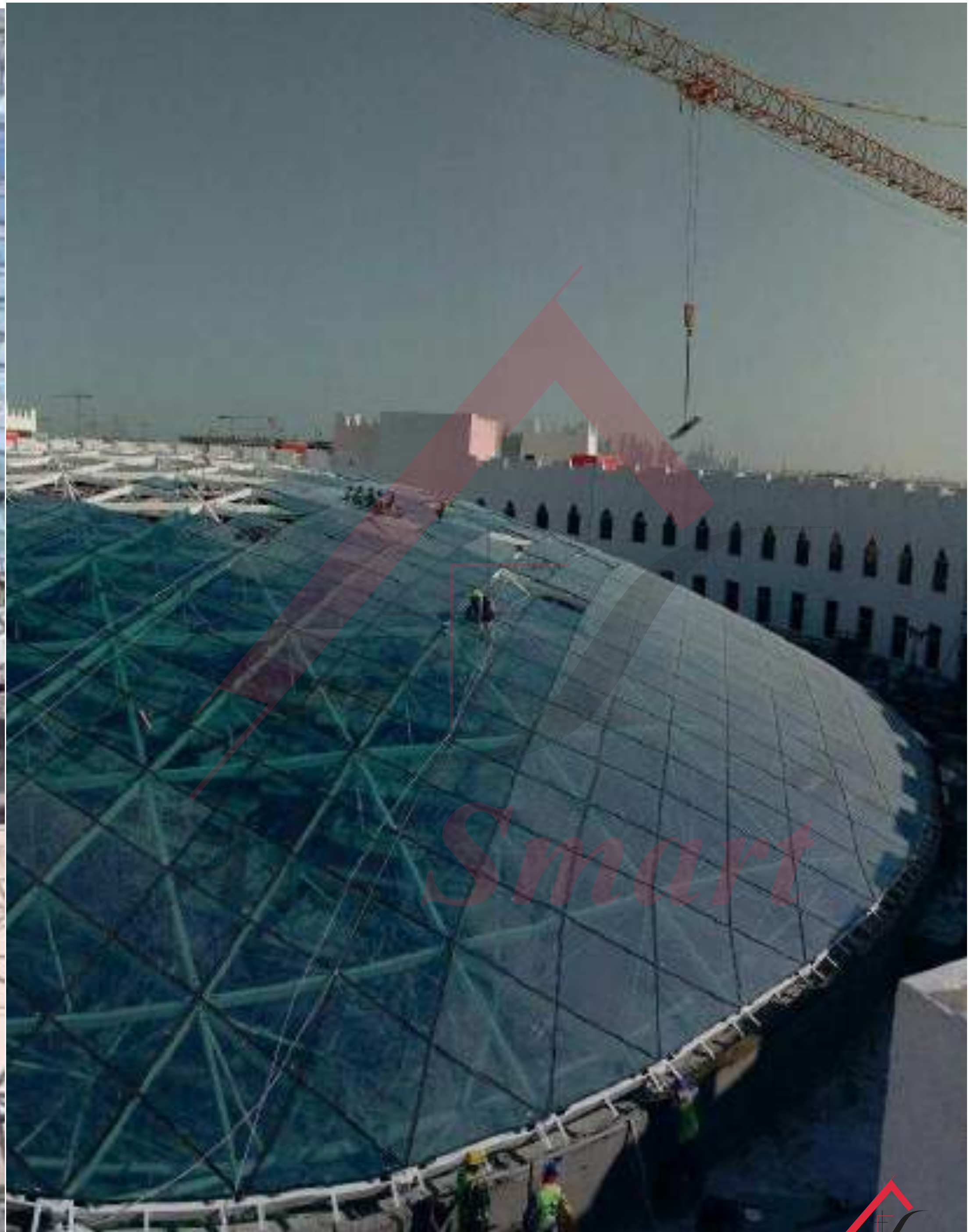
Project name : D Clad Factory

Main Contractor: HWH trading and Contracting

Project name : D Clad Factory

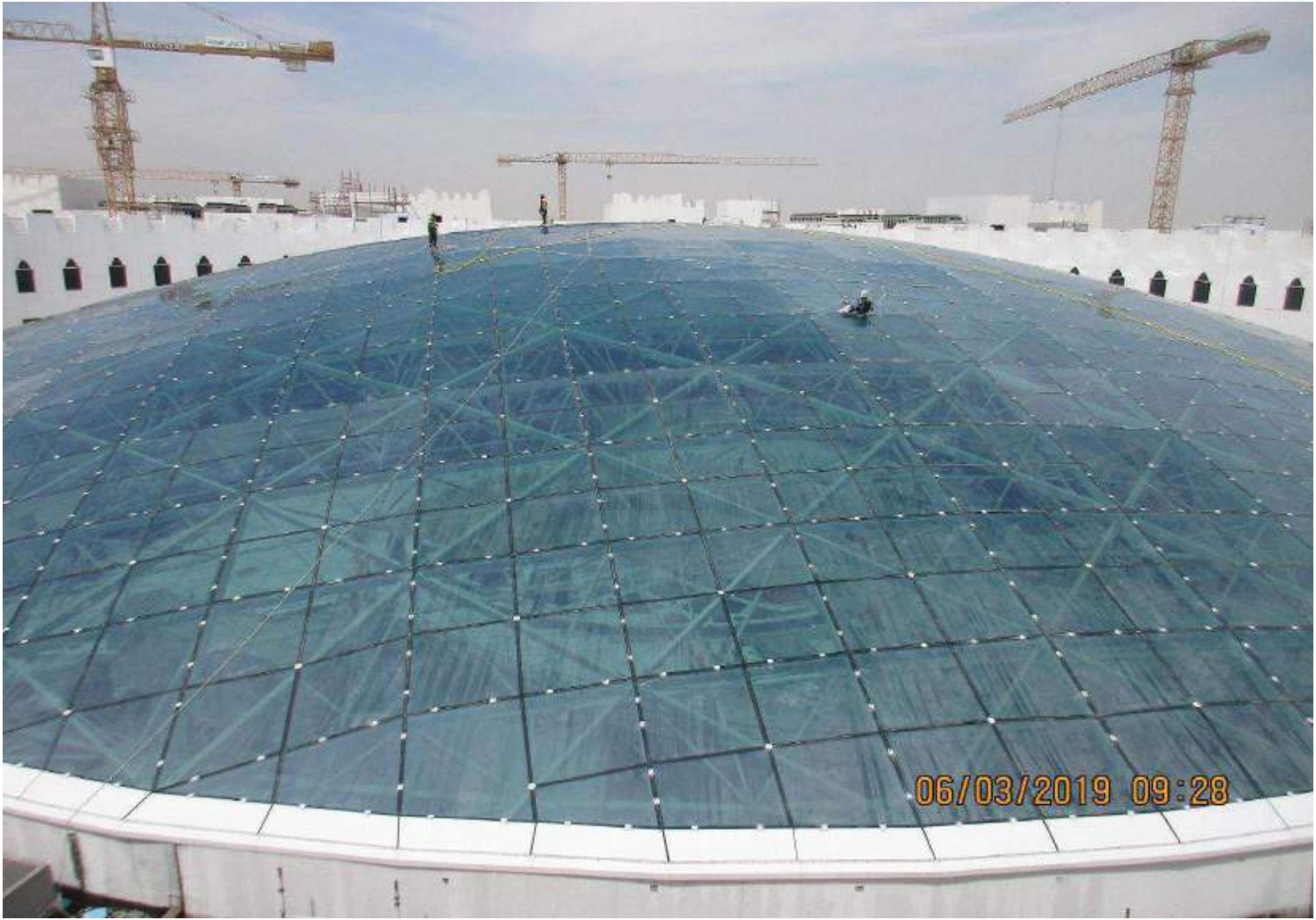
Main Contractor: HWH trading and Contracting


DELTA
CORPORATION

MOI , Dohail Imgration Building  skylight, With Main Contractor NOVUM


Steel almost done


06/03/2019 09:28


06/03/2019 09:29


06/03/2019 09:30

Lavandom Mall Skylight ,          Main Contractor MAEG


Compound Ezdan 25 , Skylight

ALMAZROAA MD Palace , Main Contractor Taleb Group



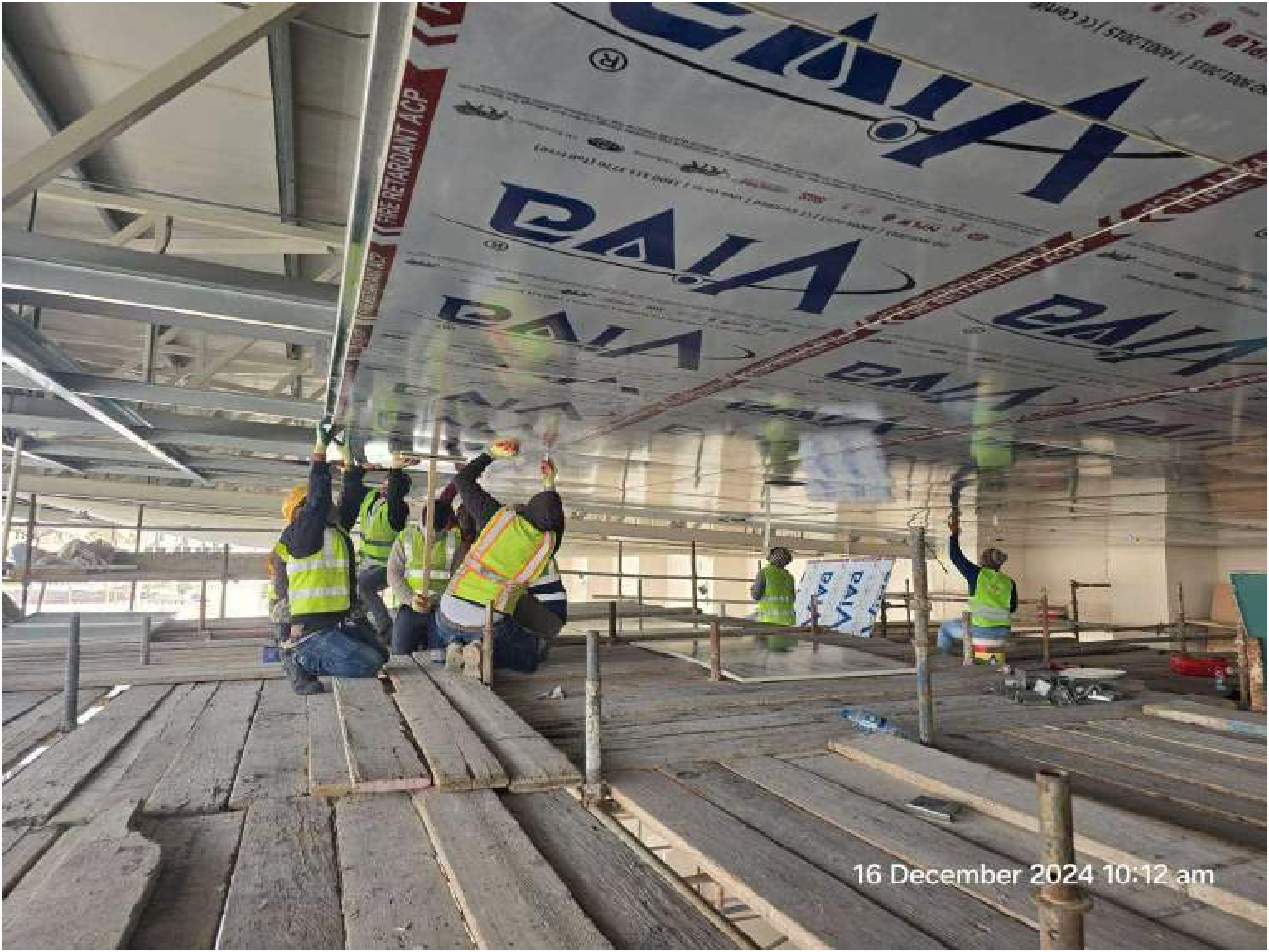

MOI, police academy ACP cladding Project


7
تخريج الدفعة السابعة
17 December 2024 9:47 am


30 December 2024 11:48 am


30 December 2024 11:47 am


16 December 2024 10:15 am


FIRE RETARDANT ACP
16 December 2024 10:12 am


16 December 2024 10:15 am


16 December 2024 10:21 am


16 December 2024 10:16 am

Hamad Airport Gates Project , CCC



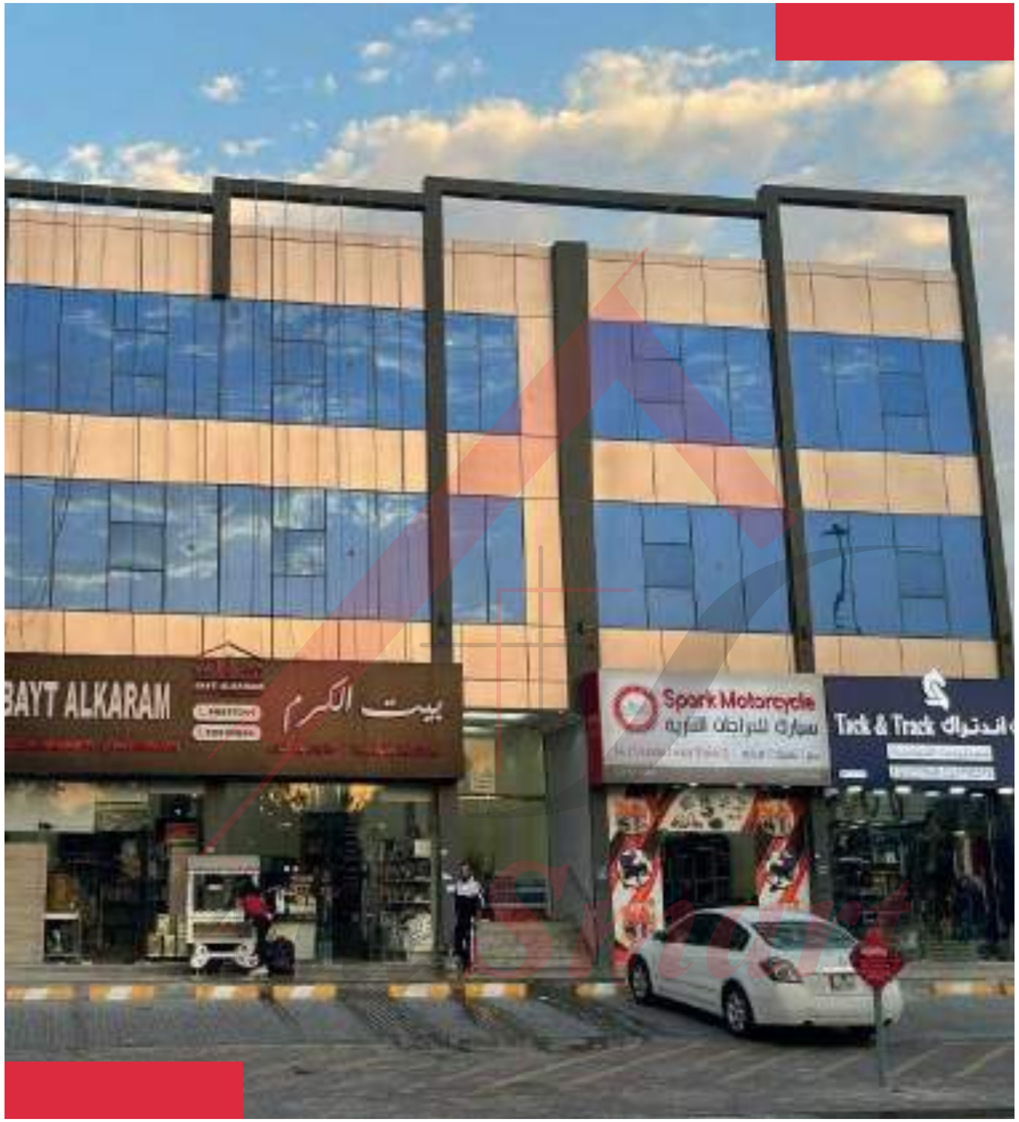
Al Fargan Markets , Main Contractor, BoJamhoor Co


Negm steel Factory at New Industrial Area


Negm steel Factory at New Industrial Area


Shakh Abdulla Al Thani Palace , Main Contractor SAK

AL Mora Commecial Building , main Contractor : AL Awaly


AL Mora Commecial Building , main Contractor : AL Awaly


Project Name : Shiekh Salman Al-Thani Villa

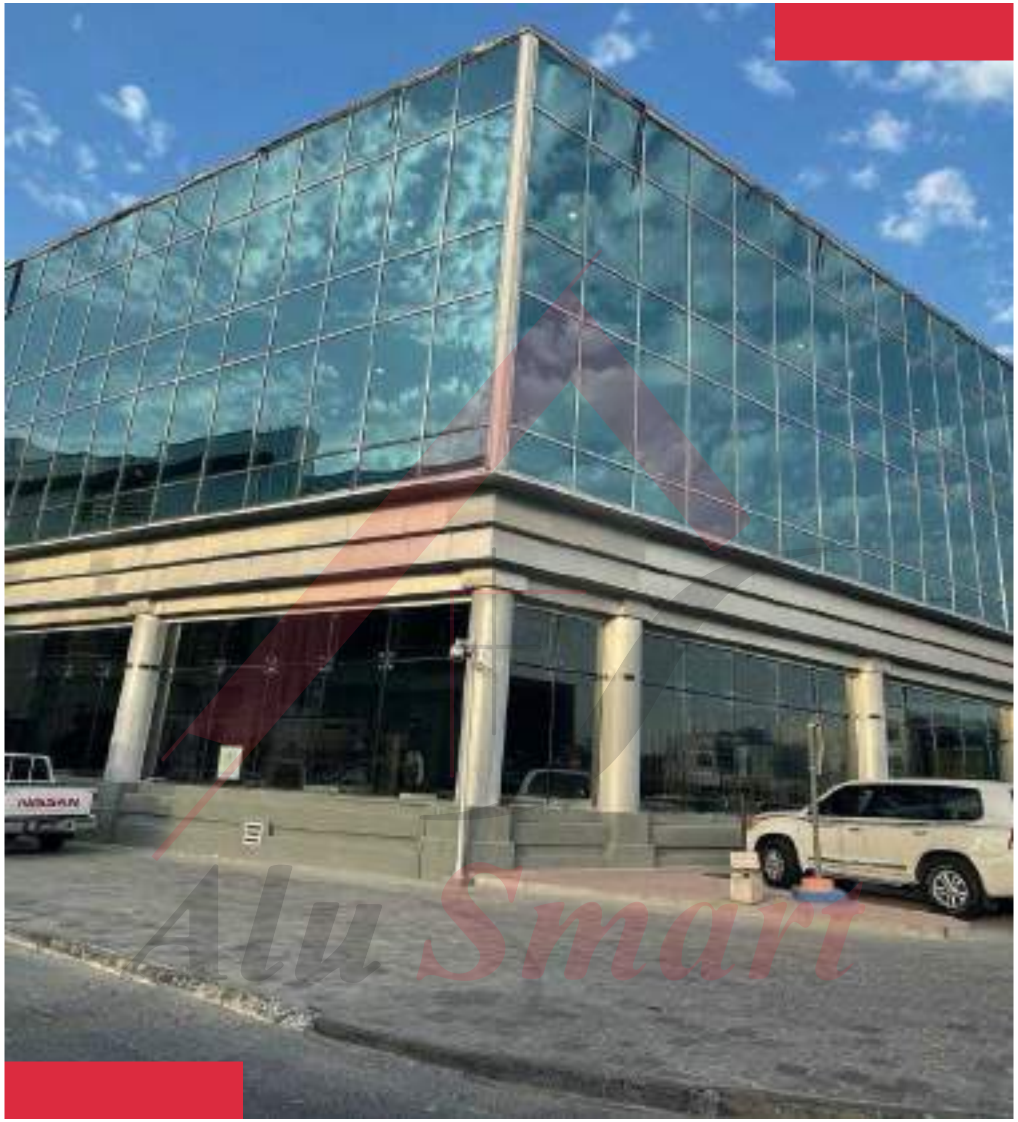
Main Contractor: Alhatab Trading and Contracting

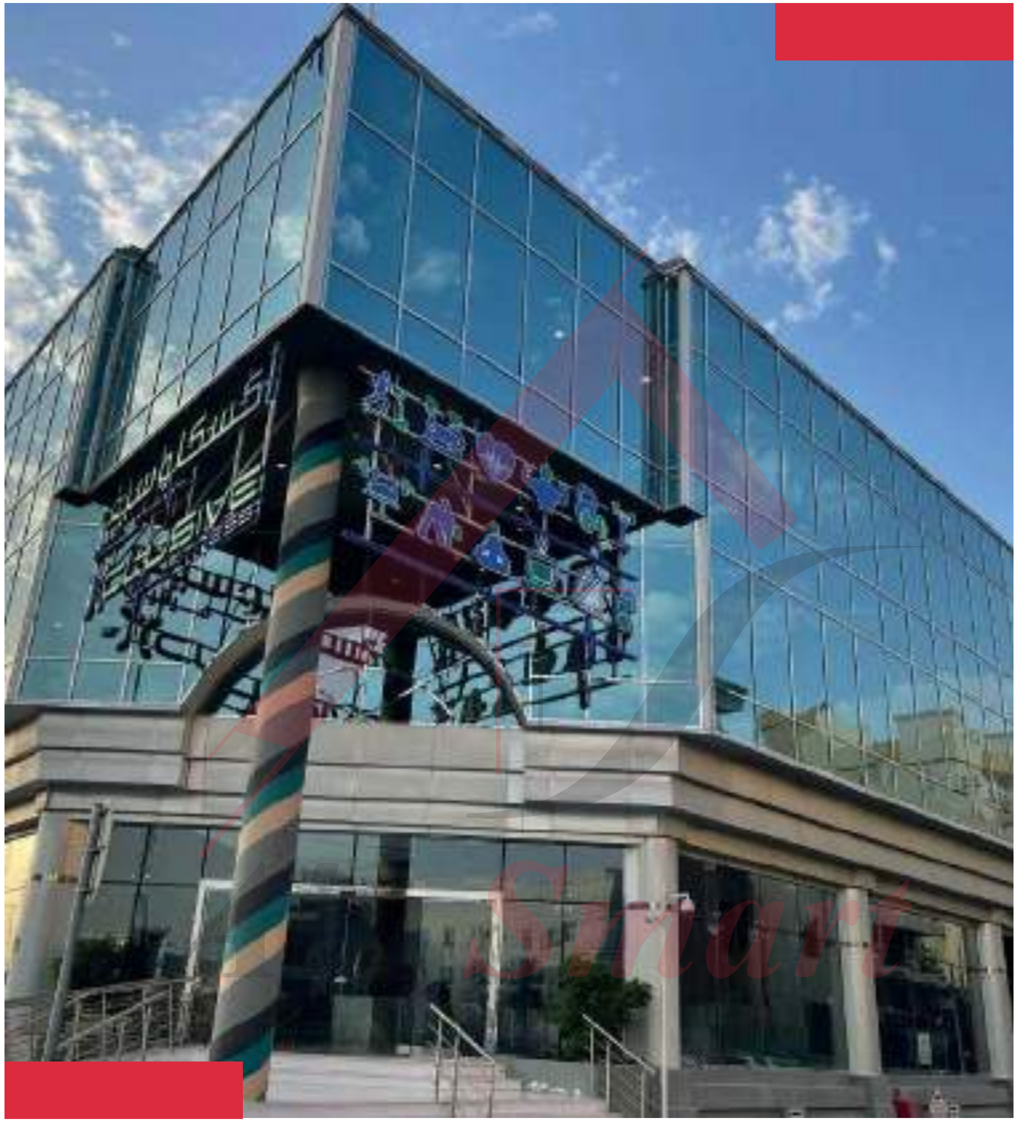
Alu Smart

Project Name : Shiekh Salman Al-Thani Villa

Main Contractor: Alhatab Trading and Contracting

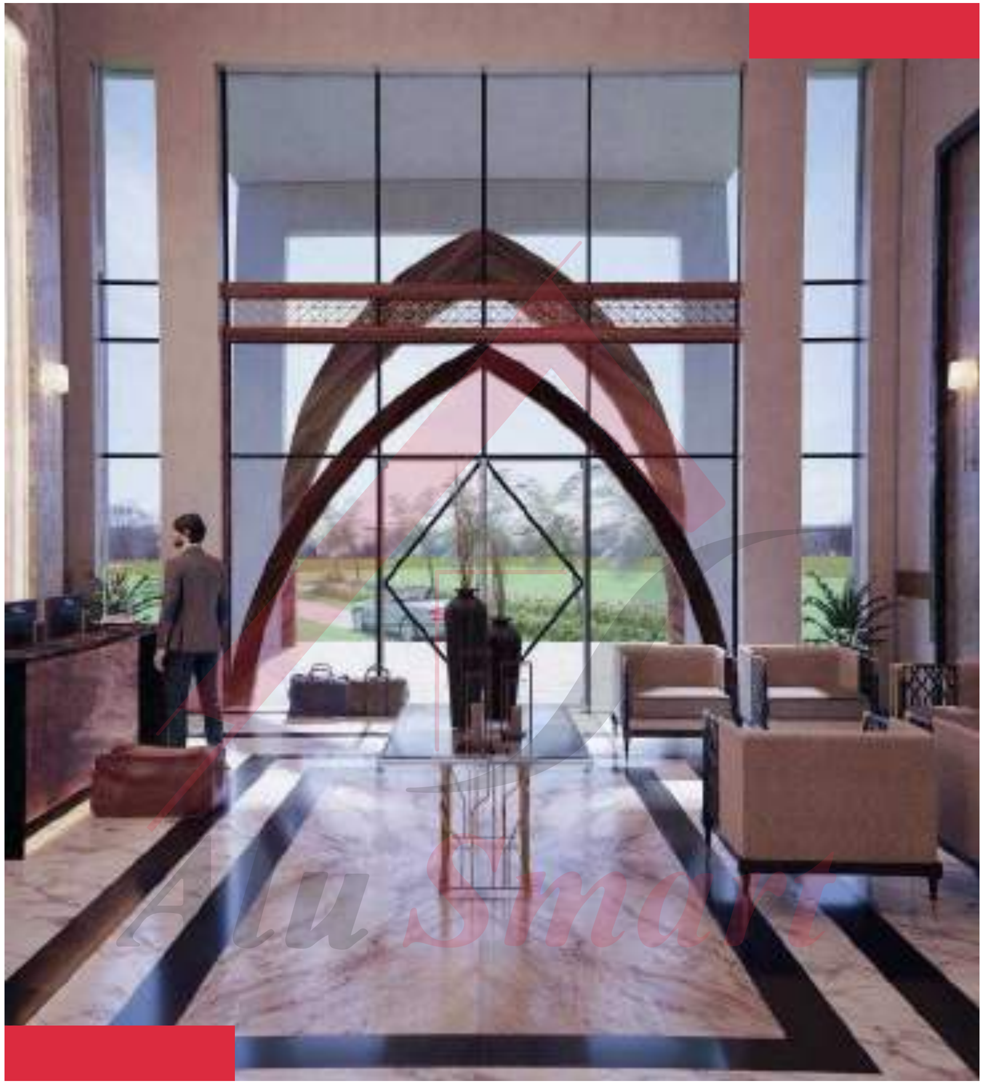
Doha Bank buildin, Main contractor Taleb Group





Doha Bank buildin, Main contractor Taleb Group

Holiday villa , Main contractor , Taleb Group



AlWakra Hotel . Main Contractor Sak Co

AlWakra Hotel . Main Contractor Sak Co

Alu Smar


41 villas at Abo Salal mohamed ,Main Contractor ,Professional builder


Wedding tent , Main contractor Dana palace

AlSaad Dana Hotel, Main Contractor SAK Co

Abo Salel Factory ,Main Contractor, Professional builder contractor


Brket Al Awamer factory ,Main Contractor, AlKamra


Brket Al Awamer factory ,Main Contractor, AlKamra

Abo Salel Factory ,Main Contractor, Professional builder contractor


Mas Holding factory ,Main Contractor, Professional builder contractor

Mas Holding factory ,Main Contractor, Professional builder contractor

Jary AlSamar Factory , Taleb Group


Ezdan Compound at AL Wakra, Main Contractor SAK Co.





B

B


B

Main Contractor : Doha Group

mimar consult


51

Scene 1

Scene 2

Scene 3

GENERAL NOTES:
* THE DRAWINGS MUST BE READ IN COMBINATION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS RELATED TO THE SAME SHEET AND ANY ITEM ON IT.
* ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR BEFORE PREPARATION OF SHOP DRAWINGS.
* SHOP DRAWINGS OF MANUFACTURED ITEMS MUST BE APPROVED BY THE DESIGNATED CONSULTANT BEFORE WORK ON THESE ITEMS BEGINS.
* THE DESIGNATED CONSULTANT MUST BE INFORMED ABOUT CONTRADICTION OF ANY KIND BEFORE CONSTRUCTION BEGINS.
* DO NOT SCALE THIS DRAWING OR MEASURE ANY MISSING DIMENSION FROM IT.
* ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
* ALL LEVELS ARE IN METER UNLESS OTHER WISE STATED.
* FOR ALL STRUCTURAL ELEMENT PLEASE REFER TO THE STRUCTURAL DRAWINGS.

CIVIL DEFENSE NOTES:

OWNER OR CONTRACTOR MUST PROVIDE THE FOLLOWING:

A) SMOKE DETECTORS (BRK) IN EVERY HALL
B) FOLLOWING ARE THE REQUIREMENTS FOR KITCHENS:
1. FIRE EXTINGUISHER CONTAINING POWDER (4 KG)
2. HEAT DETECTOR (BPK)
3. FIRE BLANKET 4 x 6
4. EXHAUST FANS MADE OF STEEL OR PLASTIC (OF ACCEPTABLE STANDARD) IN KITCHENS AND BATHROOMS + FIRE RESISTANT DOORS WITH PROPER HANDLES FOR KITCHEN
5. GAS CYLINDERS SHALL BE PROVIDED OUTSIDE KITCHEN

ROADS:

OWNER OR SUPERVISING CONSULTANT MUST CHECK WITH ROAD AFFAIRS BEFORE STARTING CONSTRUCTION.

| REV | DATE | DESCRIPTION | DRAWN | CHECKED |
|---|---|---|---|---|
| | | | | |
| A | 09/2018 | FOR DC1 APROVAL | | |

APROVALS:

Consultant :

//barjous architects

برجوس معماريون للاستشارات الهندسية


Tel: T: +974 44979090
P.O.Box : 130 Doha , Qatar
E-mail: info@barjousarchitects.com


Enrollment No. 349

CLIENT :

Mr. Abdullah Al-Muhannadi

PROJECT :

Residential Villa (B + G + 1 + PH + 3 Annexes)

Al Khor and Al Thakhira Municipality

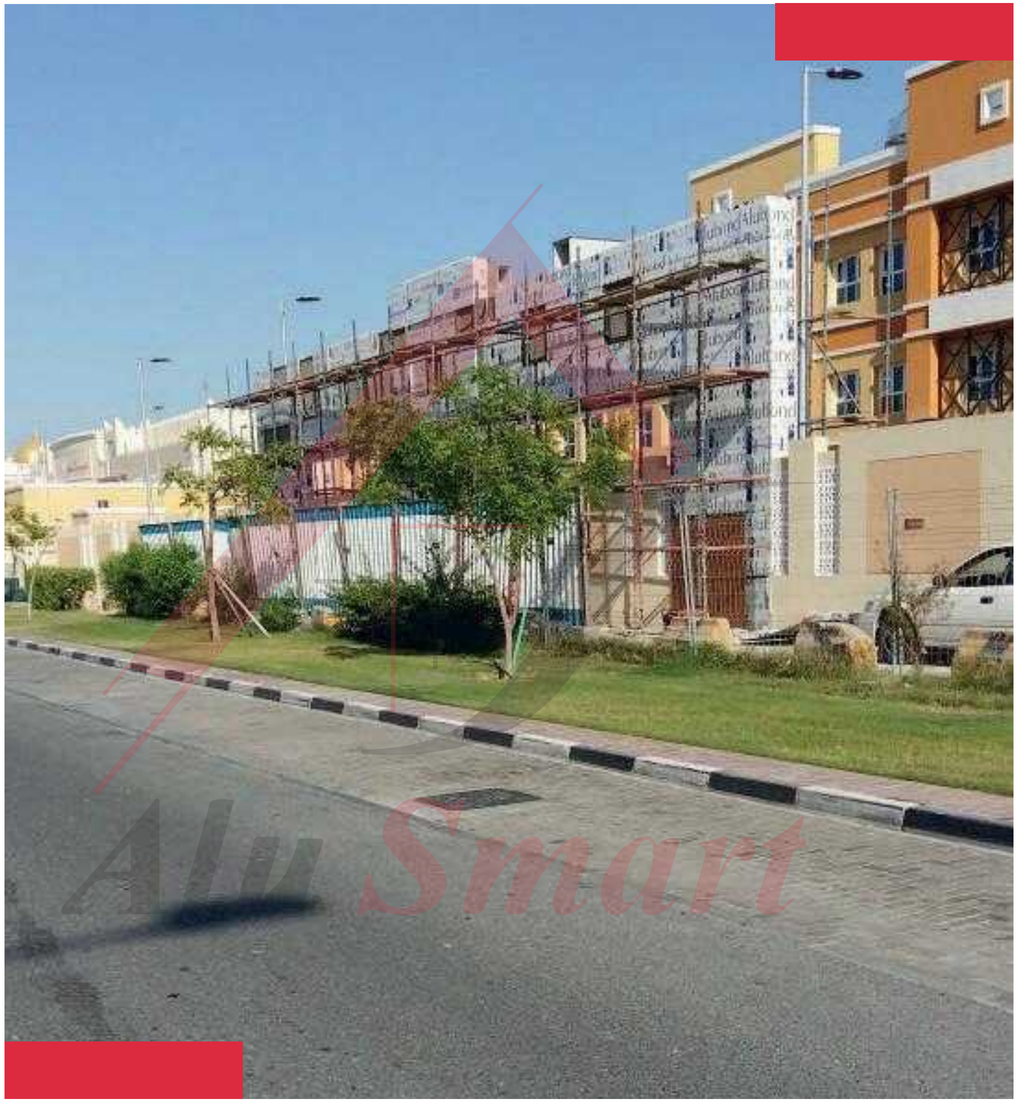
TITLE :

3D Visuals

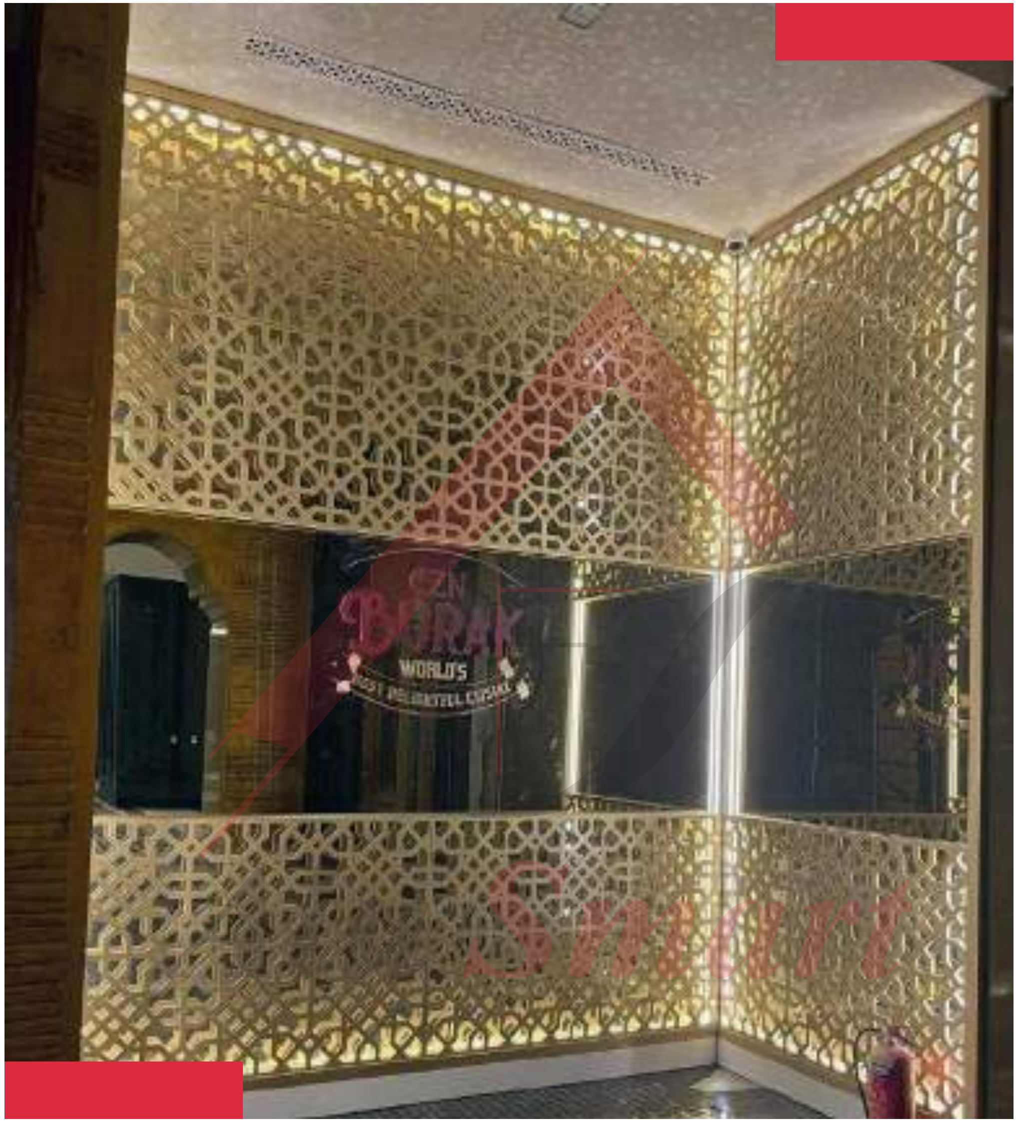
| Designed By : | Checked By : | Drawing By : |
|---|---|---|
| Fawzi Barjus 18819 | Fawzi Barjus 18819 | Fawzi Barjus 18819 |
| Date : | **Plot Number :** | Sheet Size : A1 |
| August 2021 | **75010112** | Discipline : AR |
| Scale : | Drawing Number | Sheet Size |
| | A - 01 | A1 |

AL Kawari Villa main Contractor  SAK Co.


AL Kawari Villa main Contractor  SAK Co.


Philipini school ,Main contractor Al Jsr Co

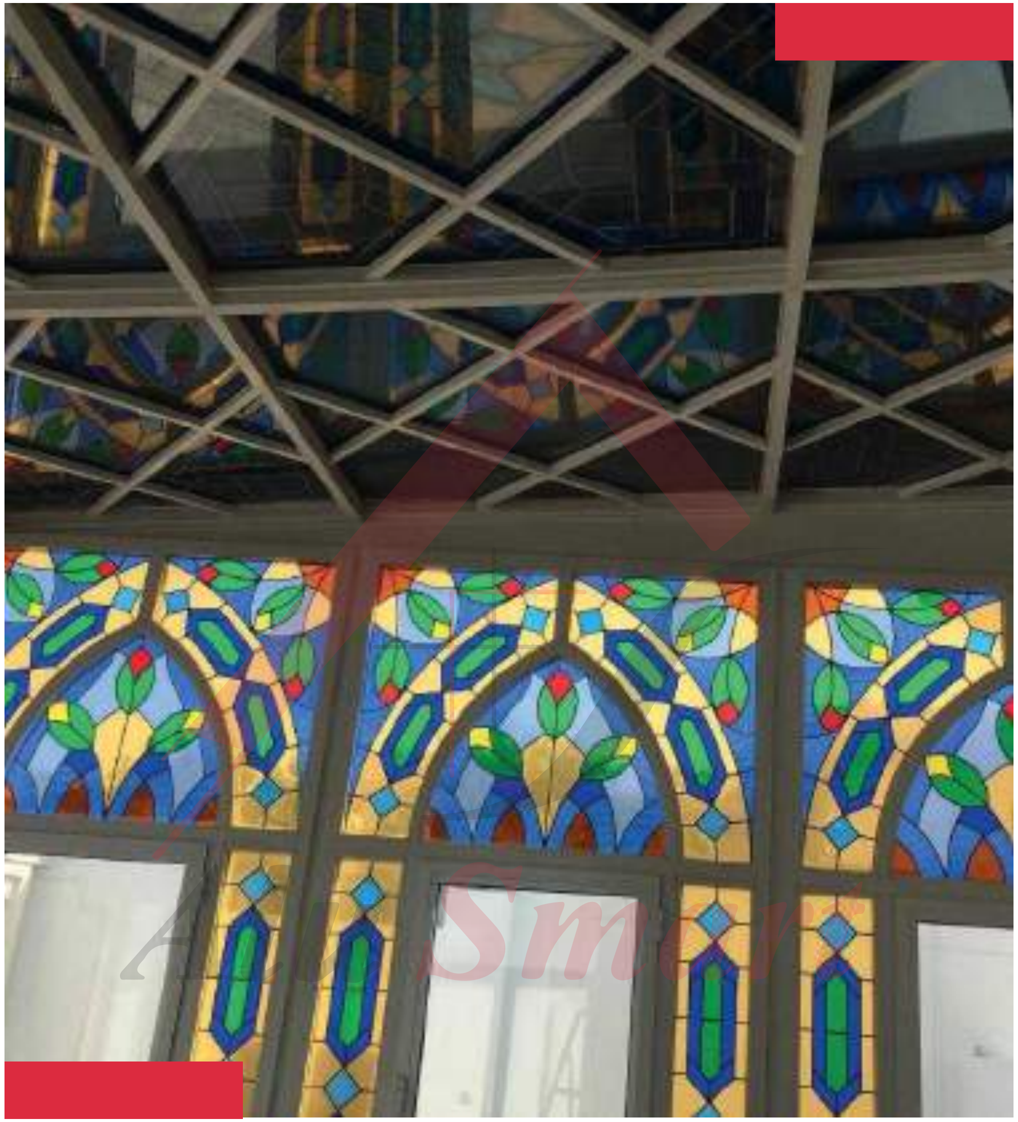


Project Name : Burak Restaurant

Main Contractor: HWH Trading and Contracting


Project Name : Burak Restaurant

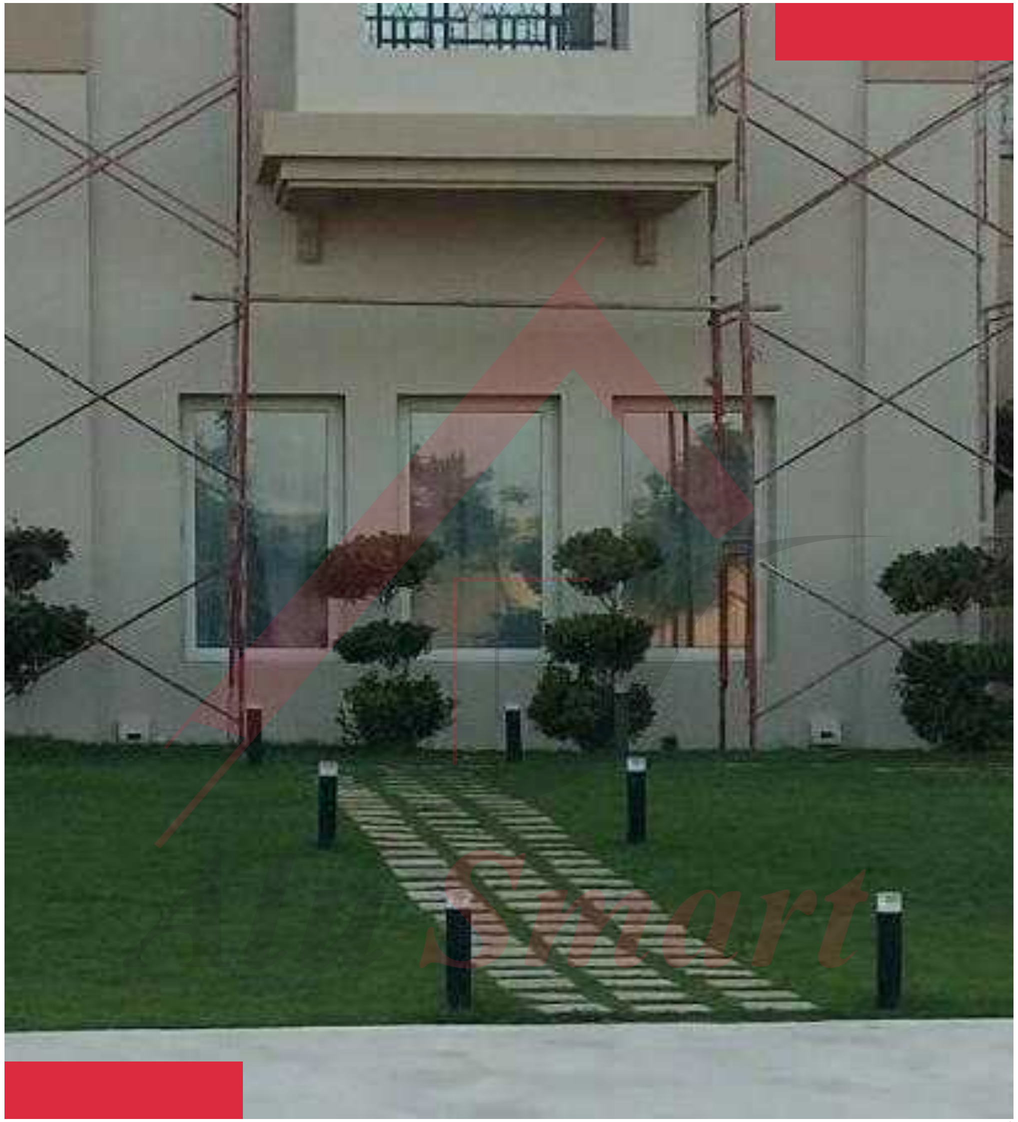
Main Contractor: HWH Trading and Contracting



Shakh Al Thani Majles , Main contractor ,Quanto belo

Villa Project Shm Doha Majles


02 October 2024 8:38 am

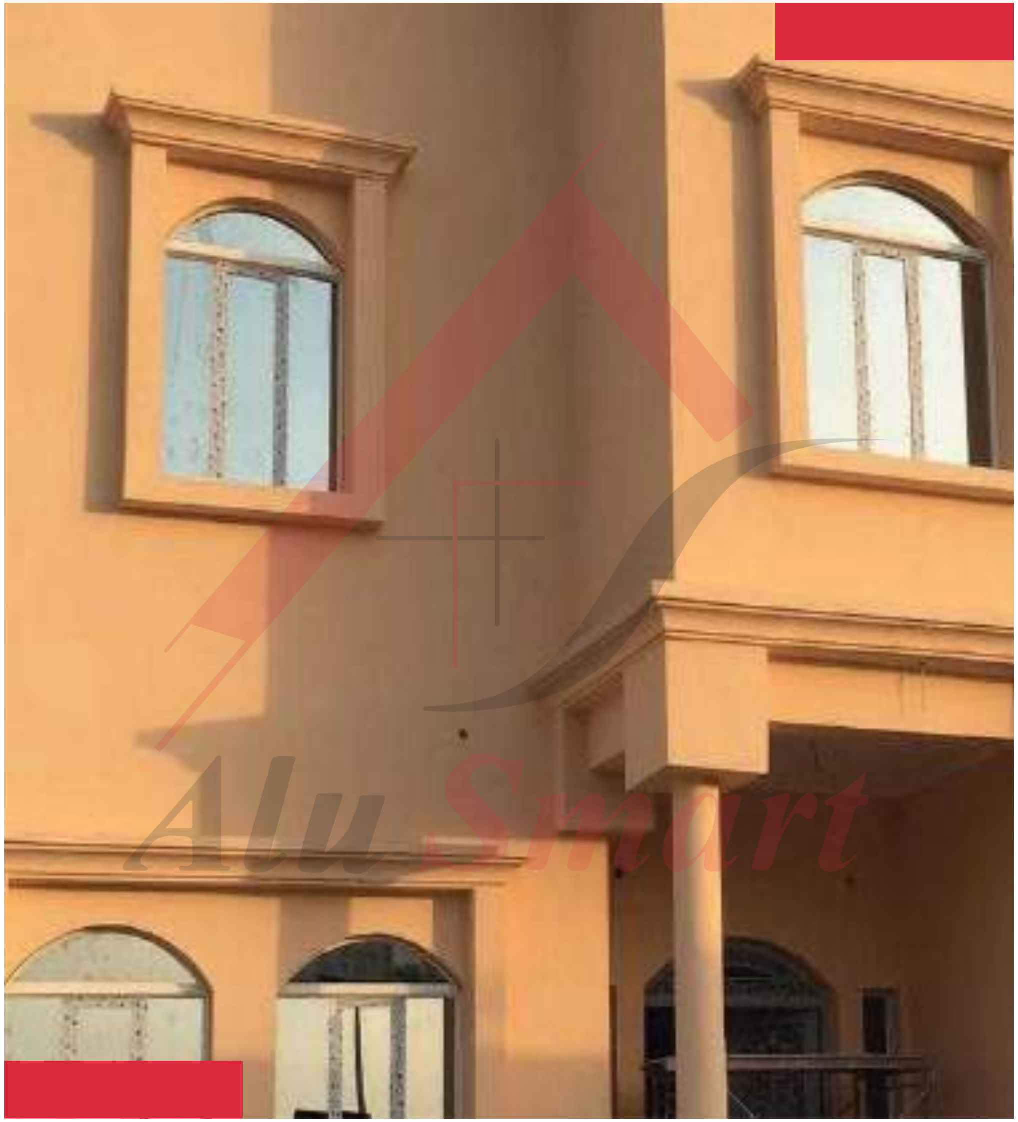

AL Dohail Villa

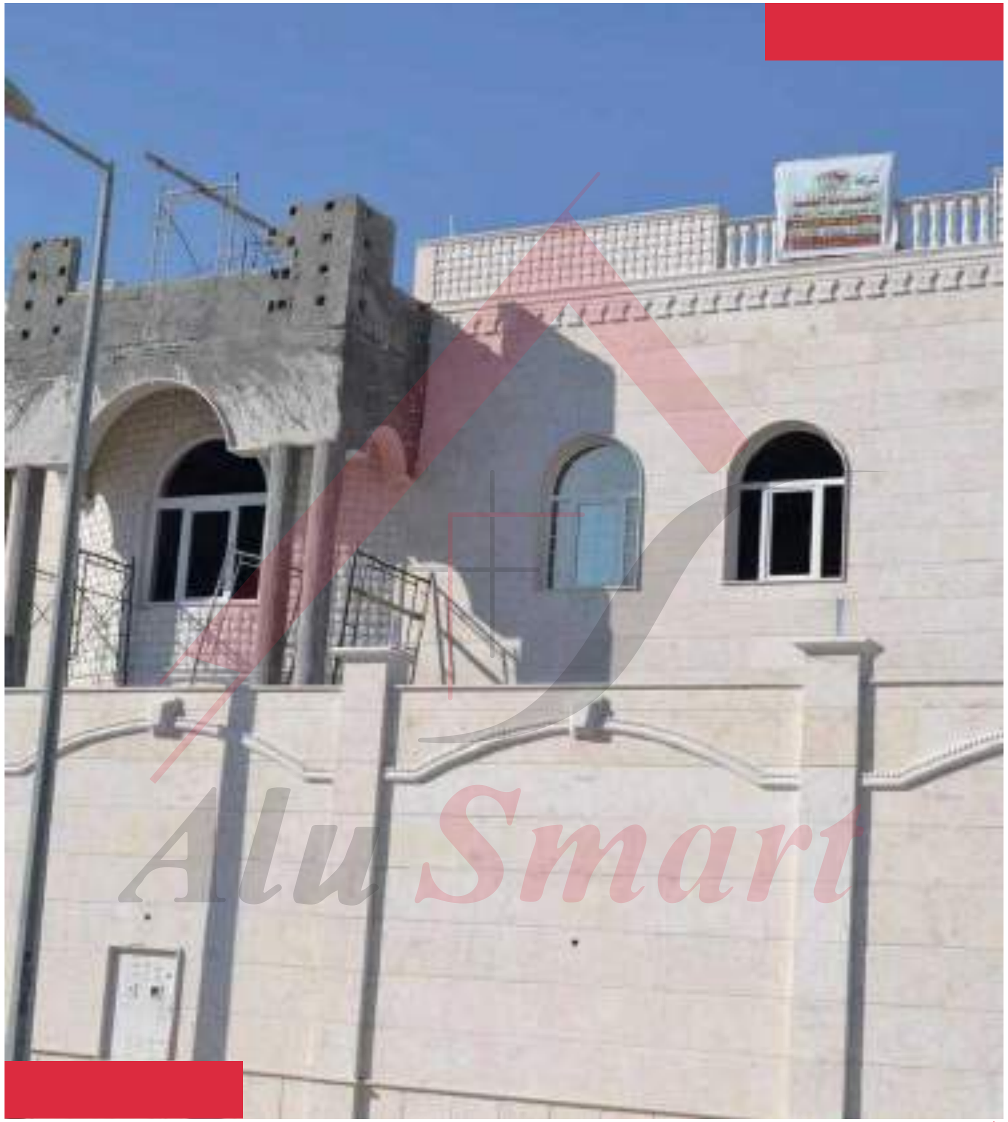
Alu Smart

Shakh Al Thani Majles , Main contractor ,Quanto belo

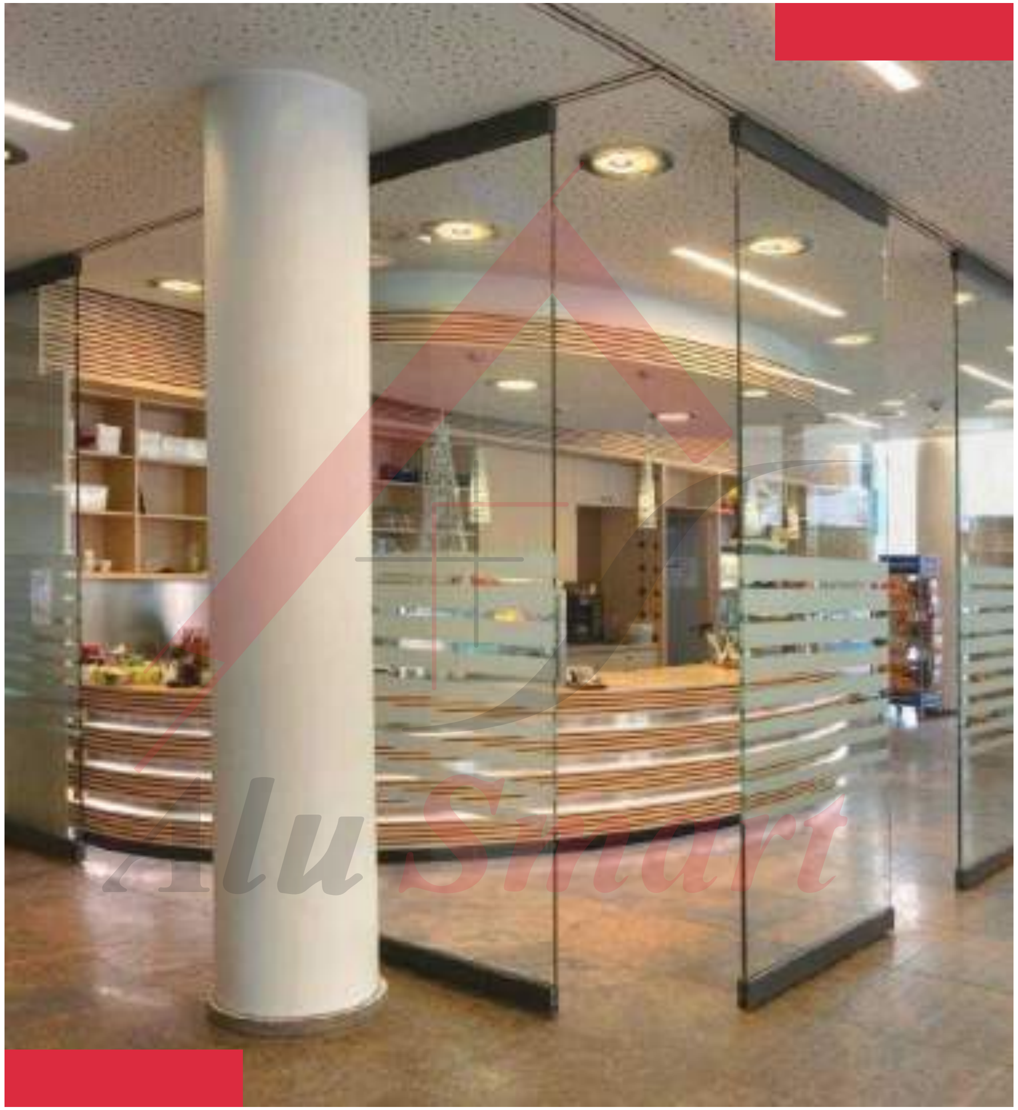
Taxs offices Glass Partitions with Sliding Doors

Alu Smart





Al KhourVilla



Different design for Glass Partitions


AlSaad Dana Hotel, Main Contractor SAK Co

Different design for Handrail

# Project of HWH Trading and Contracting Friendly Food Factory

# Friendly Food Factory

# Friendly Food Factory

Alu Smart

# Project of Private Villa Dr.Ali Al Shabi

# Dr.Ali Al Shabi Villa

# Dr.Ali Al Shabi Villa

# Dr.Ali Al Shabi Villa

# Project of Mr.Jassim Villa

# Mr.Jassim Villa

# Project of AL HATTAB TRADING & CONTRACTING 24 VILLA PROJECT

# AL HATTAB TRADING & CONTRACTING 24 VILLA PROJECT


# AL HATTAB TRADING & CONTRACTING 24 VILLA PROJECT


- -hu-hol k- hkryn-C-

j y hj ryn-

# AL AHED TRADING & CONTRACTING


# AL AHED TRADING & CONTRACTING

- -hu-oh hi - hkryn-C-

j y hj ryn-u hru-i rukryn

# AL HATTAB TRADING & CONTRACTING LUSAIL BUILDING

# AL HATTAB TRADING & CONTRACTING LUSAIL BUILDING

# B-Ongoing Project

Alu Smart

- - -h -i -o -i -h -J

## -h -i -o -i -h -J

# -h -i -o -i -h -J

-h -i -o -i -h -J

Alu Smart

# -h -i -o -i -h -J

-h -i -o -i -h -J

-h -i -o -i -h -J

- - -v -i -o -i -h -J

# -v -i -o -i -h -J

Alu Smart

-v -i -o -i -h -J

-v -i -o -i -h -J

## -v -i -o -i -h -J

- - - - -t - -o -h -J

- - -t -i -o -h -J

- - -t -i -o -h -J

Alu Smart

- - -t -i -o -h -J

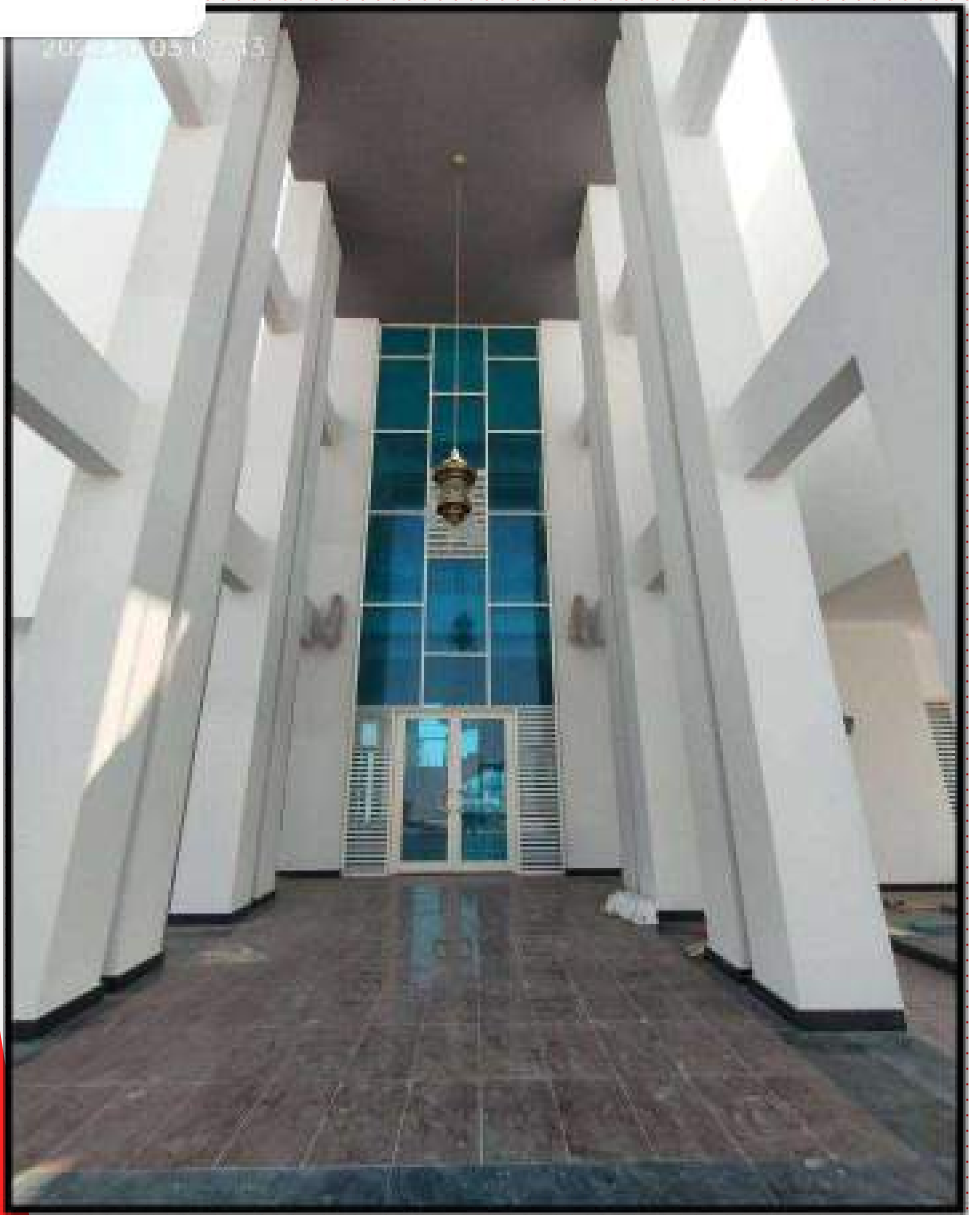
- - -t -i -o -h -J

Alu Smart

## - - -t -i -o -h J

Alu Smart

## - - -t -o -h -J



Alu Smart

# - - -t -i -o -h -J

- - -m - - - -h -J

-m - - - -h -J

Alu Smart

# -m - - - -h -J

## -m - - - -h -J

Alu Smart

-m - - - -h -J

Alu Smart

-m - - - -h -J

Alu Smart

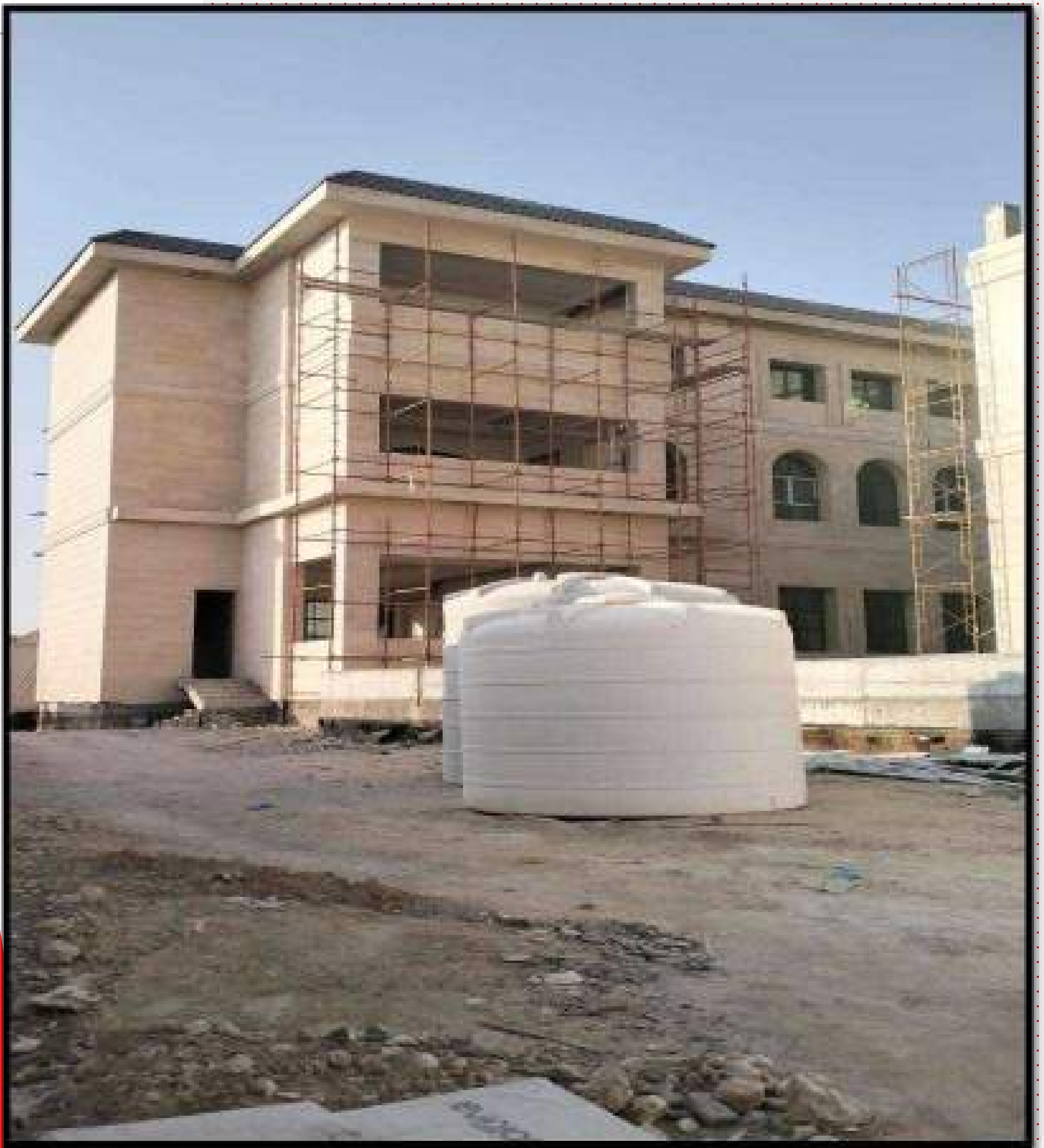
-m - - - -h -J

Alu Smart

-m - - - -h -J

Alu Smart

## -m - - - -h -J



- - -t - - - -h -J

## -t - - - -h -J

## -t - - - -h -J

-t - - - -h -J

## -t - - - -h -J

\-   -   -t   -   -h -J

Alu Smart

-t - -h -J

Alu Smart

-t - -h -J

- - -o - -h -J

Alu Smart

# -o - -h -J

Alu Smart

## -o - -h -J

# 13-Previous approvals for similar projects.

QIIB الدولي الإسلامي

HATTAB
الحطاب للتجارة والمقاولات
AL HATTAB TRADING & CONTRACTING

HTCO
HANY TAWFIK
CONSULTING OFFICE

# DOCUMENT SUBMITTAL

| | | | | | |
|---|---|---|---|---|---|
| Submittal No. | : 14 | REV. | 0 | Date | 6/26/2026 |
| Project Name | : Residential building (B+ G + 4 + Roof) | | | Ref. | F210/2026/DCSJB/014 |
| Owner | : QATAR ISLAMIC INTERNATIONAL BANK | | | | |
| Consultant | : HANI TAWFIK CONSULTING OFFICE | | | | |
| Contractor | : AL HATTAB TRADING & CONTRACTING AND REAL STATE | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Subcontractor /Supplier | : Alu Smart trading contracting | | | | |
| Prepared by | : Eng. Hossam Eid | Rev and App by | Project Menger | sign | |
| Submittal for | : ☐ Approved | ☐ Information | | ☐ As Requested | |
| Disciplines | : ☐ CIVIL ■ ARCH. STR. | ☐ MECH. | | ☐ ELEC. ☐ INSTR. ☐ Others | |

**TYPE OF SUBMITTAL**

| | | |
|---|---|---|
| ☐ Data sheet (DTS) | ☐ Forms/ checklist (FRC) | ☐ Program & schedule (PGS) |
| ☐ Design calculation (DEC) | ☐ Inspection & Test Plan (ITP) | ☐ Project Quality Plan (PQP) |
| ☐ Design Drawing (DWG) | ☐ Materials (MAT) | ☐ Reports (RPT) |
| ☐ As-Built Drawings (ABD) | ☐ Method Statement (MST) | ☐ Test Result / Certificates (TRC) |
| ☐ Sketch (SKT) | ☐ Organization Chart/CV (OCV | ☐ Other (OTH) |
| ☐ Shop Drawing (SHD) | ☑ Pre-Qualification (QFN) | |

**SUBMITTAL DESCRIPTON**

1- Alu Smart trading contracting Company Profile

**SUBMITTAL STATUS**

☐ A Approved ☑ B Approved with comments ☐ C Revise & Resubmit ☐ D Rejected ☐ U In Review ☐ N Noted

**DECLARATION (IF APPROVED)**

This is to certify that this submission has been verified & found in compliance with contract requirements.

**CONSULTANT COMMENTS / RECOMMENDATIONS**

No objection subject to the followings:

1-Material submittal shall be submitted for review and approval with fully comply with project requirements.
2-Preforming work on site.
3-Preparing mock-up at site for approval.
4-Strictly complying with project specification and standards.
5-Submit samples board/prototype for review and approval
6-Warranty/guarantee certificate shall be submitted in compliance with project documents.(Not less than 10years)
7-Test reports to be provided by third party.

| | | | |
|---|---|---|---|
| Reviewed by | Name : Sr. Arch. Amin Morsy | Sign. : Amin Morsy | Date : 31/05/2026 |
| Approved by | Name : Eng. Mohamed Elsyouti | Sign. : | Date : |

QIIB الدولي الإسلامي

HATTAB
الحطاب للتجارة والمقاولات
AL HATTAB TRADING & CONTRACTING

HTCO
HANY TAWFIK
CONSULTING OFFICE

# DOCUMENT SUBMITTAL

| | | | | | |
|---|---|---|---|---|---|
| Submittal No. | : 12 | Ver. | 1 | Date | 11/5/2025 |
| Project Name | : 2B+G+7FLOORS RESIDENTIAL BUILDING | | | Ref. | F205/2025/DS/012/REV01 |
| Owner | : QATAR ISLAMIC INTERNATIONAL BANK | | | | |
| Consultant | : HANI TAWFIK CONSULTING OFFICE | | | | |
| Contractor | : AL HATTAB TRADING & CONTRACTING AND REAL STATE | | | | |
| Subcontractor /Supplier | : HTC | | | | |
| Prepared by | : Eng. Hossam Eid | Rev and App by | Project Manger | | |
| Submittal for | : ☐ Approved | ☐ Information | | ☐ As Requested | |
| Disciplines | : ☐ CIVIL ■ ARCH. ■ STR. ☐ MECH. ☐ ELEC. ☐ INSTR. ☐ Others | | | | |

**TYPE OF SUBMITTAL**

| | | |
|---|---|---|
| ☐ Data sheet (DTS) | ☐ Forms/ checklist (FRC) | ☐ Program & schedule (PGS) |
| ☐ Design calculation (DEC) | ☐ Inspection & Test Plan (ITP) | ☐ Project Quality Plan (PQP) |
| ☐ Design Drawing (DWG) | ☐ Materials (MAT) | ☐ Reports (RPT) |
| ☐ As-Built Drawings (ABD) | ☐ Method Statement (MST) | ☐ Test Result / Certificates (TRC) |
| ☐ Sketch (SKT) | ☐ Organization Chart/CV (OCV | ☐ Other (OTH) |
| ☐ Shop Drawing (SHD) | ■ Pre-Qualification (QFN | |

**SUBMITTAL DESCRIPTON**

Alu Smart Trading and Contracting

**SUBMITTAL STATUS**

☐ A Approved ☑ B Approved with comments ☐ C Revise & Resubmit ☐ D Rejected ☐ U In Review ☐ N Noted

**DECLARATION (IF APPROVED)**

This is to certify that this submission has been verified & found in compliance with contract requirements.

**CONSULTANT COMMENTS / RECOMMENDATIONS**

No objection subject to Warranty Period should comply with project specifications and QCS 2014 and not less than ten years.

Submit material submittal , shop drawings and Method of statement

| | | | |
|---|---|---|---|
| Reviewed by | Name : | Sign. : | Date : |
| Approved by | Name : Eng. Awny Nazmy | Sign. : | Date : 19/05/2025 |

ENGINEERING CONSULTANTS GROUP

# DOCUMENT SUBMITTAL

SUBMITTAL NO.: C/2023/16-DGC-PRQ-AR-0015 DATE: 2023-12-23

PROJECT NAME: DESIGN AND BUILD OF TEMPORARY COMPETITION VENUES & POOLS FOR THE 21ST FINA WORLD CHAMPIONSHIP & MASTERS WORLD CHAMPIONSHIPS, DOHA 2024

PROJECT NO.: BP 2022 C 006 G

CONSULTANT: Engineering Consultants Group – ECG

CONTRACTOR: Doha Group Trading & Contracting – DGC

DISCIPLINE: ✓ ARCH. ☐ CIV. ☐ STRU. ☐ ELE. ☐ MECH. ☐ Hydraulic ☐ OTHER

**SUBMITTAL TYPE**

☐ Technical Submittals ☐ Method Statement ☐ Reports ✓ Prequalification of Subcontractor

☐ PQP / ITP ☐ Schedule ✓ Supplier Approval ☐ Test Reports

☐ O&M Manual ☐ Certificates ☐ Others

**TRANSMITTED FOR**

✓ Approval ☐ Review & Comments ☐ Information/Records ☐ As Requested

**METHOD OF TRANSMISSION**

✓ Hand (with CD/DVD) ☐ Email ☐ Mail ☐ Upload via FTP

| SI | DESCRIPTION | Document Ref. No. Specs/BOQ Ref | Rev. No. | Format Hard | Format Soft | No. of Copies | Remarks |
|---|---|---|---|---|---|---|---|
| 1. | Alu Smart Pre-Qualification (Installation of ACP Cladding and Handrail) | C/2023/16-DGC-PRQ-AR-0015 | 00 | ✓ | ✓ | 1 | |
| | | | | ☐ | ☐ | | |

| CONTRACTOR | | CONSULTANT | |
|---|---|---|---|
| QA/QC Manager | Project Manager | Received By | Date & Time |

RECEIVED 23 DEC 2023 Aquatic Championship ECG

**Consultant Comments:**

* No objection to proposed "Alu Smart" for Manufacturer VIVA which is in Ashghal P.V.L.
* Final approval subject to Material & Mock-up approval.

Action Code: ☐ A=Approved ☐ B=Approved as Noted ☐ C=Revise & Resubmit ☐ D=Rejected

Discipline Engineer: Date: 28-DEC-23

| CONSULTANT | | CONTRACTOR | |
|---|---|---|---|
| Project Manager | Date | Received By | Date |

ECG ENGINEERING CONSULTANTS GROUP Aquatic Championship B: APPROVED AS NOTED

DGC Doha Group Trading & Contracting 28 DEC 2023 RECEIVED

# MATERIAL SUBMITTAL

| CONSULTANT: | CONTRACTOR: | Nominated Contractor: |
|---|---|---|
| HAI House of Architecture & Interiors | | Gulf Falcon |

| | |
|---|---|
| PROJECT NAME: PRIME POWER LOGISTIC FACILITY - A107 | PROJECT No: A107 |
| OWNER : PRIME POWER | Submittal No: HAI-A107-PPME LF-BNTC-MS 096 REV.01<br>Date: 22-Feb-23 |
| Signed: | New Submittal: ☐<br>Resubmittal: ■ |

Description:

Aluminium Window, Door, Skylight, &
Curtain Wall (WITH SAMPLE)

Drawing Ref:
Specs Ref: QCS 2014
BOQ Ref:
B. S. Ref:

Attachment: ■ Literature ■ Test Certificates ■ Samples

## MANUFATURER'S / SUPPLIER:

Supplier Name: Alu Smart Trading & Contracting
Local Agent: Alu Smart Trading & Contracting
Manufacturer : Qatar Aluminium Extrusion Co., Al Watan Aluminium & Glass
Tel: +974 6664 5290
Fax:
Post Box: PO Box 11696, Doha-Qatar

DELIVERY: As per required
COUNTRY OF ORIGIN: Qatar

| DELIVERY | | MODE OF TRASNPORT | |
|---|---|---|---|
| LOCALLY MANUFACTURED | ■ | OVERLAND | ■ |
| C.C.A.S.G. MANUFACTURED | ☐ | AIR FREIGHT | ☐ |
| OVERSEAS | ☐ | SEA FREIGHT | ☐ |
| **MANUFATURE** | | **PROGRAMME** | |
| PRODUCTION PERIOD | As per required | LATEST DATE FOR OI | As per required |
| DELIVERY EX WORKS | As per required | DATE MATERIAL REQUIRED | As per required |
| TOTAL DELIVERY TIME | As per required | ON SITE | As per required |

HAI House of Architecture & Interiors
**Review**
Project Name :
Project No :

| | | |
|---|---|---|
| | A | Approved |
| ✓ | B | Approved as noted |
| | C | Rejected |
| | D | Revise & Re-submit |
| | E | See Response |

The approval shall not release the contractor from his liabilities towards the contract. The consultant has right to supersede the approval if he discovered any malpractice of paper or site work.

## PROJECT ENGINEER COMMENTS:

| | | | | | |
|---|---|---|---|---|---|
| APPROVED | ☐ | TEST REQUIRED | ☐ | MANUF / SUPPLIER | ☐ |
| APPROVED AS NOTED | ✓ | ADD'L INFO REQ. | ☐ | GURANTEE PERIOD | ☐ |
| REJECTED | ☐ | SAMPLE REQUIRED | ☐ | OTHERS | ☐ |

1. Approval by the HAI or Client shall not relieve the Contractor from responsibility for any errors or omissions in such drawings or documents, nor from responsibility of complying with the requirements of this contract.
2. Ensure compliance with Design Intent.
3. Provide mockup/ prototype before fabrication.
4. Contractor will ensure full coordination with all building elements and ensure structural stability and proper interface for water tightness, water proofing, leak proofing and solar protection.
5. Contractor shall comply with all relevant section of QCS 2014, NFPA and Design Drawings and Documents.
7. Contractor will address safety of end user and ensure installation is safe and secure.
8. Incorporate previous comments and markups in this submittal if any.
9. Refer attached file note

SIGNATURE : [signature] DATE: 01/3/23

Send by Nominated Contractor:

Name: Hasan Husnu Mollamahmutoglu Signature: [signature] Date: 22-Feb-23

F-PR-05.4-02

# COMMENTS RESPONSE SHEET

| | | | | | |
|---|---|---|---|---|---|
| CONTRACTOR | BN International Trading & contracting | PROJECT | A107- Prime Power Logistic Facility @ Jery Al Samur – Manateq | CONSULTANT | HOUSE OF ARCHITECURE & INTERIOR (HAI) |
| | GULF FALCON CONTRACTING WLL ( NOm. Contractor) | Pakage | MAR Aluminum Windows, Door , Curtain wall and Skylight Works | | |

| | | | | | |
|---|---|---|---|---|---|
| Submittal NO | HAI-A107-PPME-LF-BNITC-MS-096 | REV | 0 | Connmment Received Date | 12-Feb-23 |
| | | | | Comments Response Date | 20-Feb-23 |

| SN | Comments | Response | Remarks |
|---|---|---|---|
| 1 | Ensure Glazing Properties match with the project Specification | New Glass Sample is provided to match the requiments ( 6 mm Reflective Dark Grey + 12 mm As + 6 m LOW E Cleaer Glass ) | |
| 2 | Submit Compliance With QCS 2014 | Noted and complied as per Proposed System | |
| 3 | Submit sample that is project specification refer markup comments | the sample board is to show the aluminum profiles. Alusmart submit some samples for the available powder coating Color to choose which RAL No shall be follow | |
| 4 | Submit test report as per BS5868 & BS 6375 for air & Water tightness | The system which is proposed is QALEX local tubular system and there is no test reports for that system | |
| 5 | Cylinder must be universal for master Key | As an Aluminum contactor will provide Cylinder Lock for each door , Main Contractor shall provide the Cylinder Master key as it is not included in our scope | |

DUKHAN Engineering Services

# MATERIAL SUBMITTAL

HAi House of Architecture & Interiors

| | | | | | |
|---|---|---|---|---|---|
| MAS REF. NO: | A008-DES-0001-MAS-AR-00060 | REV: | 00 | DATE: | 27-FEB-2023 |
| PROJECT: | AL SADD HOTEL APARTMENT(2B+G+5) | PROJECT CODE: | A008 | | |
| CLIENT: | MR. HASSAN NASSER AL NAIMI | | | | |
| CONTRACTOR: | DUKHAN ENGINEERING SERVICES | | | | |

☒ ARCHITECTURAL ☐ CIVIL ☐ MECHANICAL ☐ ELECTRICAL ☐ OTHERS

☒ SUBMITTED as per Specification. ☒ ALTERNATIVE

| | |
|---|---|
| MATERIAL DESCRIPTION: | DGU 24mm (6mm Dark Grey Ref. Glass +12 mm AS + 6 mm Clear Low-E Glass) |
| TYPE OF MATERIAL: | Tempered Glass — SAMPLE: ☒ Yes ☐ No |
| LOCATION OF USE: | Aluminium Window Glass |

| MANUFACTURER/ SUPPLIER DETAILS: | REFERENCES: |
|---|---|
| AGENT / SUPPLIER: M/s Alusmart Trading & Contracting | DRAWING REF.NO: |
| MANUFACTURER: M/s Qingdao Jifond International Ltd. | SPECIFICATION NO.: |
| COUNTRY ORIGIN: CHINA | STANDARDS: QCS 2014 |

ENCLOSED:

**REQUESTOR**
NAME: Mr. Solomon A POSITION: QA/QC Engr. SIGNATURE: DATE: 27-FEB-2023

**ENGINEER'S COMMENTS:**

☐ A - APPROVED ☑ B - APPROVED WITH COMMENTS
☐ C – REVISE & RESUBMIT ☐ E – NOT APPROVED/REJECTED

SR. CONSTRUCTION MNGR.: Engr. Islam Elgendi SIGNATURE: DATE: 27-FEB-2023

**CLIENT/ CONSULTANT:**

- Approval by HAi or client shall not relieve the Contractor from responsibility for any errors or omissions in such drawings, docs. nor responsibility of complying with requirements.
- Ensure compliance with design intent and authority requirements.
- Provide mockup / prototype
- Comply with QCS-2014, NFPA, QCD

House of Architecture & Interiors
Review
Project Name :
Project No :
A Approved
B Approved as noted ✓
C Rejected
D Revise & Re-submit
E See Remarks
The approval shall not release the contractor from his liabilities towards the ... consultant has right to supersede the approval if he discovered any malfunction of paper or site work.

NAME: SIDDHESH KARANJAI SIGNATURE: DATE: 01/3/23

HATTAB

الحطاب للتجارة والمقاولات والعقارات
AL HATTAB TRADING & CONTRACTING & REAL ESTATE

DIWAN ARCHITECTS ENGINEERS
DOHA - QATAR

P202-PIN 55878067 / 24 (G+1+PH)
RESIDENTIAL VILLAS COMPLEX

**PROJECT NAME/TITLE: 24 (G+1+PH) RESIDENTIAL VILLAS COMPLEX**

## APPROVAL SUBMITTAL

| | | | | |
|---|---|---|---|---|
| SUBMITTAL NO: 01 | REV. 00 | DATE OF SUBMITTAL: 27-11-2022 | DATE REQUIRED BY: | 04-11-2022 |
| CONSULTANT: M/s Diwan Al Emara Architects | Supplier/Subcontractor: ALU SMART TRADING AND CONTRACTION | | | |

| SPECS. No. | Document No. | DESCRIPTION | ACTION |
|---|---|---|---|
| | HTC/2022/P202/PRQ/ARCH/001 | ALUMINIUM DOORS, WINDOWS AND ALL GLASSES (SHOWER, ROOF HANDRAIL,....ETC) | |

| | | | | |
|---|---|---|---|---|
| ■ PREQUALIFICATION | ☐ MATERIAL | ☐ SHOP DRAWING | ☐ METHOD STATEMENT | ☐ AS BUILT DRAWING |
| ☐ SPECIFIED | ☐ EQUAL/APPROVED | ☐ SAMPLES | ☐ TECHNICAL DATA | ☐ OTHERS |

| MANUFACTURER | SUPPLIER | SUBMITTED FOR DIWAN |
|---|---|---|
| Name:<br>Address: ,<br>Fax :<br>Web : | Name: ALU SMART TRADING AND CONTRACTION<br>Address: Doha, Qatar<br>Tel :<br>Fax :<br>Web : | By: HTC<br>Name: Eng. Mahmoud Saeed<br>Title : PROJECT MANAGER<br>Date : 27-11-2022 |

**ENGINEER COMMENTS:**

- Pre-Qual. Acceptable sub to client Approval -
- Submit Material submittal & sample.

| | | |
|---|---|---|
| A | APPROVED | ENGINEER'S (Signature): |
| B | APPROVED AS NOTED ✓ | NAME / TITLE (Print): |
| C | REJECTED, REVISE AND RESUBMIT | APPROVED / ISSUED DATE: 11-12-2022 |
| D | RETURNED - NOT REQUIRED | |

ARCHITECTS ENGINEERS
DOHA - QATAR

HVEP AL HATTAB

HATTAB

## SUBMITTAL FOR APPROVAL OF MATERIALS

| | | |
|---|---|---|
| Project Name | P202-PIN 55878067 | Doc. No: HTC/2022/P202/ARCH/MS/004 |
| Client | J.A.M | Rev. no. 00 |
| Supervision Consultant | Engr.Nopel | Date: [illegible]-02-2023 |
| Contractor | HTC | Copies:1 |

**To: SUPERVISION CONSULTANT**

We request your approval on the following Materials.

Alu. Qalex 2mm thick , Glass Sample HD gray reflected Low E , Shower accessories and Clear Glass 10 mm.....

**Aluminum Windows and Doors with accessories as attached sample Board**

☐ Equal /Approved ☐ Specified ☐ Catalogues ☐ Tech. Brochure ■ Samples

| | | | |
|---|---|---|---|
| Area of Application | External Doors, Windows, and Curtain Walls | | |
| BOQ Ref. no. | | Enclosures | Sample |

Attach all relevant technical literature marked to identify relevant description, current test certificates, samples as appropriate.

**SUPPLIER**

| | | |
|---|---|---|
| Company Name Address | Local Agent Alu Smart Trading and Contracting DOHA, QATAR | Alu.Qalex 2mm thick, Glass Sample Hd gray reflected Low E , Shower accessories and Clear Glass 10 mm |

**DELIVERY**

| | | |
|---|---|---|
| Country of Origin Availability | DOHA, QATAR Delivery Program | |
| Ex-works Total Duration | Estimated Date of Arrival on Site | |

Received by Nobel 7/02/2023 1:00pm

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawing and specifications except as otherwise stated; and also, that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in full conformity with time delivery.

**FOR: THE CONTRACTOR**

Name Engr.Mahmoud Saeed Signature 5/2/2023 Date 05-02-2023

**SUPERVISION CONSULTANT 'S COMMENTS:**

- Alum. System QALEX. Acceptable. Subject to
- Submit. GLASS. Detailed Datasheet, including (as per sample) All values, U-value - Summer, visibility Etc.) coating Etc., Submit Warranty for Alum. System Accessories, glass. Etc, Submit shop drawing.

**ACTION CODE**

☐ Approved as Submitted ☐ Revise & Resubmit

☑ Approved as Noted ☐ Rejected

**To: The Contractor**

We return hereby this actioned material submittal . The approval shall not relieve the Contractor of its obligations and liabilities under the Contract or constitute authorization of any change to Contract Documents, and therefore, shall not imply any recognition whatsoever of additional time or cost to the Contract.

**For: The Supervision Consultant** ................ Date: 13.02.2023

*Project Manager*

الوسمارت للتجارة والمقاولات

**AluSmart Trading and Contracting**

**Transmittal Sheet**

Alu Smart

IAS

| | | | |
|---|---|---|---|
| To | : Mr. Mahmoud | From | : Mr. Sayed Omran |
| Company | : AL Hatab Trading and Contracting. | Project / Dept. | : P67 P202 , 24 COMPOUND AL SOYDAN |
| Address | : Doha – Qatar | Ref. No. | : Ref.: ALuS/ ALHatab/2022-00918R4 |
| Tel No. | : (+974) 70701440 | Date | : 2 -Feb -2023 |
| Fax No. | : (+974) | Contact No. | : 00974 66645290 |

| Submittal ✓ | | Submitted For ✓ | |
|---|---|---|---|
| Aluminum System | ☑ | Approval | ☑ |
| Technical Proposal | ☐ | As Requested | ☐ |
| Technical Data | ☐ | Information | ☐ |
| Structural Cal. | ☐ | Action | ☐ |
| Testing | ☐ | Record | ☐ |
| Soft Copy | ☐ | Others (Future Reference) | ☐ |

*Special Comments / Instructions*

*Kindly your approval for attached*
*Aluminum and glass samples*

| SL. | Item Ref. | Document Title | Rev. | Mode of Submittal | Qty. | Remarks |
|---|---|---|---|---|---|---|
| 01 | Aluminum | *Aluminum sample* | 00 | By Hand | 1 | |
| 02 | Aluminum | Aluminum QALEX system 2mm thick. | 00 | By Hand | 1 | |
| 03 | Glass | Glass sample HD gray reflected Low E | 00 | By Hand | 1 | |
| 04 | accessories | Shower accessories | 00 | By Hand | 1 | |
| 05 | Glass | Clear glass 10 mm | 00 | By Hand | 1 | |
| | | | | | | |
| | | | | | | |

AluSmart : Sayed Omran  Received  Date :
Signature :  Signature :  Time :

ALU SMART
CR. 92046
Alu Smart Trading and Contracting

ALJABER ENGINEERING | HWH | فرندلي فود قطر friendly food qatar | استشاريو لوسيل LUSAIL CONSULTANTS

# PRE-QUALIFICATION SUBMITTAL FORM

## MULTI-PURPOSE STORES, SHOWROOM, ADMINISTRATION & ACCOMMODATION
@ Birkat, Al Awamer

**PRQ DESCRIPTION:**
**Alu Smart Trading and Contracting Prequalification for Aluminum works (Doors, Windows & louvers)**

Date: 13-04-2020

**NAME AND TYPE OF MATERIAL:**
**Aluminum works (Doors, Windows & louvers)**

Ref No.
P008-PRQ-HWH-ARCH-008

Rev No. 0

**APPLICATION AREA TO BE USED THE MATERIAL:**

**AS PER IFC DRAWING:**

**AS PER BOQ:**

**MANUFACTURER'S NAME AND ADDRESS:**
**Alu Smart Trading and Contracting**

Phone: 44429307
Fax:

**SUPPLIER'S NAME AND ADDRESS:**
**Alu Smart Trading and Contracting**

Phone: 44429307
Fax:

RECEIVED 15 APR 2020 LUSAIL CONSULTANTS

**Country of origin: Qatar**

**Availability:** locally ■ overseas ☐

**Attached Documents:**
Sample / prototype ☐ Technical Documents ☐ Tests ☐ Certificates ■ Others: Prequalification

*The above submitted material has been checked for conformance with drawings and specifications for this project any deviations from plans and specifications have been noted on the material or listed in the remarks above.*

**Prepared by:**

PROC. MANAGER | QAQC MANAGER | PROJECT MANAGER

## CONSULTANT'S COMMENTS

☐ APPROVED | ☑ APPROVED AS NOTED | ☐ REVISE & RESUBMIT | ☐ REJECTED

Subject to submit and approve material submittal and shop drawings which should comply to project specs.

**CONSULTANT ENGINEER REPRESENTATIVE:** M. ElHady 25.4.2020

**Date :**

**CONSULTANT PROJECT MANAGER:**

**Date :**

١٨٢٧

MINISTRY OF INTERIOR
GENERAL DIRECTORATE OF LOGISTICS
BUILDING AFFAIRS DEPARTMENT

16-8-2021

## MATERIAL SUBMISSION

| | |
|---|---|
| PROJECT TITLE: | LOCATION : DUHAIL |
| BA NO. 1202 DATE: 16/08/2021 | SUBMITTAL NO.ISD/MTS/BTCC/MOI/ARCH/010 REV:03 |
| CONSULTANT: | CONTRACTOR : BOJAMHOOR TRADING CO. |

DISCIPLINE : ☐ C & S ☐ ARCH ☐ MEP ☐ LANDSCAPE ☐ INTERIOR DESIGN ☐ MISC./ OTHER

| | |
|---|---|
| SPECIFICATION REF: | MATERIAL ORIGINALLY SPECIFIED: **Aluminum Composite Panel / ACP Cladding** |
| BOQ ITEMS: Sec6 Metal, PVC &Glazing Work | MATERIAL SUBMITTED: **Aluminum Cladding.** |
| DRAWING REF: | DESCRIPTION : **Q-NAP/ FR** |
| LOCAL AGENT:<br>Name : ALUSMART TRADING & CONTRACTING.<br>Address : Doha Qatar<br>PO Box : 11696<br>Tele/Fax : Tel: 4444506660, Fax: 44506662<br>Web Site : www.alusmart.qa | MANUFACTURES:<br>Name : QATAR NATIONAL ALUMINIUM PANEL CO.<br>Address : DOHA - QATAR.<br>PO Box : 37809<br>Tele./Fax : Tel: 44114430, Fax: 44114892<br>Email : info@q-nap.com or sales@q-nap.com |
| DATE REQUIRED@ SITE: | COUNTRY OF ORIGIN: QATAR |
| DELIVERY PERIOD: | TOTAL QUANTITY: |

SUPPORTING INFORMATION: ☐ LITERATURE ☐ SAMPLES ☐ CERTIFICATES

CONTRACTOR'S SIGNATURE & SEAL:

We certify that the above submitted item has been reviewed in details and is correct and in strict conformance with the contract requirements except as otherwise stated above:

SIGNATURE: NAME: Waleed Mahmoud Nassar DATE 18/08/2021

| | |
|---|---|
| CONSULTANT COMMENTS :<br>PROVIDE EXACT RAL COLOR<br>SUBJECT TO MOI APPROVAL | ENGINEER'S COMMENTS: |

APPROVED ☑ APPROVED WITH COMMENTS ☐ REVISE & RESUBMIT ☐ REJECTED ☐

ADD'L INFO. REQ'D ☐ SAMPLE / TEST REQUIRED ☐ FOR INFO. ☐ OTHERS ☐

Approval by the Consultant and or the Engineer shall not relieve the Contractor of his obligation under the Contract, and the Contractor shall be solely responsible for the soundness and correctness of the submitted materials and documents.

| PROJECT ENGINEER'S SIGNATURE: | Reviewed by: | HEAD OF PROJECT DIVISION: BUILDING AFFAIRS DEPARTMENT MINISTRY OF INTERIOR | ACKNOWLEDGED BY CONTRACTOR |
|---|---|---|---|
| DATE Aug 16, 21 | DATE | DATE 17/8/2021 | SIGN:<br>NAME:<br>DATE |

This submission shall be made 30 days in advance for approval.

Qatar Deserves The Best

EGEC

RECEIVED 1 0 JUN 2025

QBEC

# SUBMITTAL FOR APPROVAL OF SUBCONTRACTOR / SUPPLIER

| | | | |
|---|---|---|---|
| Project Name: | Design and Build of the Environmental and Radiation Laboratories | Submittal No: | BG2402C-QBEC-Mesaimeer & Sailiya-AR-PQN-1 |
| Contract Ref.: | C/2024/30 | Rev. No.: | 01 |
| Client: | ASHGHAL | Date: | 18 June 2025 |
| Supervision Consultant: | EGEC | Copies: | Hard + Soft Copy |
| Designer: | Focus Design Partners | From: | M/s Alu Smart Trading and Contracting |
| Contractor: | QBEC | To: | EGEC |

**To: SUPERVISION CONSULTANT**

We request your approval on the following Subcontractor:

**SUBCONTRACTOR / SUPPLIER NAME: PRE-QUALIFICATION FOR M/s ALU SMART TRADING AND CONTRACTING**

| | | |
|---|---|---|
| Company Line of Work | Supply & Apply of Façade, Skylight and Glazing with Accessories | ☒ AVL ☐ Out of AVL ☐ No Category/No Record on AVL |

Specification :
Telephone : +974 444 2307 Vendor List:
Fax : 4016 8833, 4465 5841
BOQ Ref. No. :
Address : Salwa Road, Abu-Hamour, Building No 251, office No 5 P.O. Box: 11696, Doha – Qatar
Country of Origin : Qatar
Contact Name : Eng.Sayed Omran
Number : +974 6664 5290
Email : info@alusmart.qa , omran@alusmart.qa

**FOR THE CONTRACTOR**

| | Discipline Manager/ Engineer | QA/QC Manager/ Engineer | Project Manager |
|---|---|---|---|
| Name: | Engr. Dani | Engr. Ihsanullah Amiramanulla | Engr. Mostafa Metwally |
| Signature: | | | |
| Date: | 18 June 2025 | 18 June 2025 | 18 June 2025 |

**CONSULTANT COMMENT[S]:**
see attached CRS.

Submittal Status: ☐ A- Approved As Submitted* ☒ B- Approved as Noted* ☐ C- Revise /Resubmit
☐ D-Disapproved-Resubmit ☐ E-Receipt acknowledged

The company representative returns hereby this submittal for approval of subcontractor by the engineer. Approval by the engineer shall not releive the contractor of its obligation and liabilities under the contract or constitute authorization of any change to contract documents and therefore, shall not imply any recognition whatsoever additional time or cost to the contract.

**FOR SUPERVISION CONSULTANT**

| | | | |
|---|---|---|---|
| Material Engineer | Engr. Hashif Kuniyil | Signature | Date 25/6/25 |
| Medical Engineer | Engr. Remya Krishnan | Signature | Date 25/6/25 |
| QA QC Engineer | Engr. Jay Bardilon | Signature: | Date 25/6/2025 |
| Discipline Engineer | Anl. Eli Hady | Signature: | Date 25/6/2025 |
| Project Manager | Engr. Amr Eltony | Signature: | Date 25/6/2025 |

Receiving by Contractor
Name: Signature: Date:

RECEIVED 25 JUN 2025

EGEC
Project: Design and Build of the Environmental and Radiation (SSDL) Laboratories

The Contractor:

# DESIGN & BUILD OF THE ENVIRONMENTAL AND RADIATION LABORATORIES

## PROJECT ID: BP 2023 C 025 S

## PRE-QUALIFICATION FOR
## M/s ALU SMART TRADING AND CONTRACTING

### SUPPLY & APPLY OF
### (FAÇADE, SKYLIGHT AND GLAZING WITH ACCESSORIES)

## CONTRACT NO: C/2024/30

Document No.: BG2402C-QBEC-Mesaimeer & Sailiya-AR-PQN-1 Rev.01

| | Reviewed by: | Approved by: |
|---|---|---|
| **Name** | Ihsanullah Amiramanulla | Mostafa Metwally |
| **Job Title** | QA/QC Manager | Project Manager |
| **Signature** | | |
| **Date** | 18 June 2025 | 18 June 2025 |

QATAR BUILDING ENG. CO.
P.O.BOX 4571

## HISTORY LOG

| Rev. No.: | Issue Date | Purpose of Issue | Revised Sections |
|---|---|---|---|
| 01 | 18 June 2025 | Issued for Approval | |
| 00 | 27 Feb. 2025 | Issued for Approval | Revise & resubmit |

02/04/2024 08:16:10 AM

PWA-PVT/0027562/2024

Sender:Public Works Authority

Recipient:ALU SMART Trading and Contracting

EXPO 2023 DOHA QATAR إكسبو 2023 الدوحة قطر

Qatar Deserves The Best

PWA.VPC.N63.884

**Mr. Sayed Omran**
**General Manager**
**Alu Smart Trading and contracting**
**P.O. Box:11696 - Doha, Qatar**
**Fax Number :97444655841**

**السيد/ السيد عمران**
**المدير العام**
**ألو سمارت للتجارة والمقاولات**
**صندوق بريد: 11696 الدوحة - قطر**
**فاكس: 97444655841+**

Dear Sir,

تحية طيبة وبعد،،،

**Subject: Approval of Curtain walls system, Skylights, glazing and UPVC systems as Manufactured by Messrs. Alu Smart Trading and contracting in Their Factory Located in Qatar for use in Ashghal Buildings Projects**

**الموضـــوع: الموافقـة عـلى ادراج Curtain walls system, Skylights, glazing and UPVC systems المصنعة من قبل Alu Smart Trading and contracting في مصنعهم القائم بدولة قطر لاستخـدامه في مشاريـع المباني التابعة لهيئة الأشغال العامة**

The Vendors Prequalification Committee (VPC) refers to the application submitted with PWA Reference PVT/COMM/0003163/2024 dated, and your request to include Messrs. Alu Smart Trading and contracting as an Ashghal approved manufacturer for Curtain walls system, Skylights, glazing and. UPVC systems Following our general evaluation process, the Committee has decided to approve the concerned material to be used for Ashghal Buildings future projects.

بالإشـارة إلـى الطـلب المـقدّم بمـوجب كتـابكم رقـم PVT/COMM/0003163/2024 لإدراج Alu Smart Trading and contracting ضمن قائمة مُصنّعي/موزّدي المواد والمنتجات المعتمدين لدى الهيئة Curtain walls system, Skylights, glazing and UPVC systems، نحيطكم علماً أنه وبعد إجراء عملية التقييم المعتمدة والمتّبعة لدينا، فقد قررت لجنة تأهيل الشركات المنتجة والموزّدة للمواد الموافقة على إدراج المواد المعنية ضمن قوائم الهـيئة المعـتمدة لغايات استـخدامات مشاريع المباني المستقبلية.

The committee's approval is valid for a period of three (3) years from the date of this letter, and it will be subject to the Authority's review at any time throughout this period. Kindly note that it is the Vendor's responsibility to apply for the renewal three (3) months prior to the expiry date, otherwise the manufacturer will be removed from the Approved List.

علماً بأن صلاحية هذه الموافقة سارية لـ(3) سنوات فقط من تاريخه، مع احتفاظ الهيئة بحق المراجعة واعادة النظر في أي وقت خلال هذه الفترة. وتقع المسؤولية على عاتق الموزد/ المُصنّع لتقديم طلب رسمي لتمديد صلاحية الموافقة قبل تاريخ أنتهائها بـ(3) أشهر وإلا فسيتم شطب الشركة من قائمة الموزدين المعتمدين.

The quality and performance of Alu Smart Trading and contracting as an Approved Manufacturer shall be closely monitored by the Authority at all times to ensure that the required standards are maintained. If it is found by the Authority at any time that the quality and performance is failing to meet the expected standards, then the committee reserves the right to withdraw their Approval.

ويرجى العـلم بأنـه سـيتم رصد ومـراقـبة جـودة وأداء Alu Smart Trading and contracting المُصنّعة من قبل الفريق المختص بالهيئة في جميع الأوقات لضمان الامتثال إلى كافة المعايير القياسية والقواعد الإرشادية. كما أن للهيئة الحق في سحب الموافقة أو إلغائها في حال اتضح وجود أي تقاعس في أداء الشركة المصنّعة أو أي تقصير في استيفاء المعايير المعتمدة والمعمول بها.

02/04/2024 08:16:10 AM

PWA-PVT/0027562/2024

Sender:Public Works Authority

Recipient:ALU SMART Trading and Contracting

EXPO 2023 DOHA QATAR

إكسبو 2023 الدوحة قطر

Qatar Deserves The Best

After gaining approval, it is the Alu Smart Trading and contracting responsibility to get the material approved from project Supervision Consultants through a project material submittal that ensures full compliance with the PWA requirements and the latest version of Qatar Construction Specifications (QCS) as well as the relevant project specific requirements of that particular project.

وفي حال الحصول على موافقة الهيئة الرسمية، تقع المسؤولية على عاتق Alu Smart Trading and contracting لتوريد المواد المعتمدة من قبل الاستشاري المكلف بالإشراف على المشروع، ويتم ذلك من خلال تقديم المستندات الاعتمادية اللازمة لمواد المشروع للمراجعة والتأكد من استيفاء كافة متطلبات هيئة الأشغال العامة والامتثال إلى أحدث إصدار من "مواصفات قطر للإنشاء" (QCS) بالإضافة للمتطلبات التي يتم تحديدها بحسب طبيعة المشاريع الجاري تنفيذها.

This approval shall not be interpreted as a guarantee for providing materials or services for any ASHGHAL projects and the Authority shall not be held responsible nor accept any liability for Manufacturer / Supplier / Subcontractor losses, expenses, damages to reputation or any other damages whatsoever arising out of or in relation to taking part in the authority prequalification procedure.

إضافة لما سبق، فلا يجوز تفسير ما ورد أعلاه كموافقة عامة تتيح توريد المواد أو الخدمات لأي مشروع من مشاريع الهيئة، كما ولا تتحمل الهيئة أي مسؤولية جراء أي خسائر أو نفقات أو أضرار تتكبدها الشركة المصنعة/ المورد/ المقاول من الباطن سواء كانت أضراراً قد لحقت بسمعة الشركة أو أي أضرار أخرى ناجمة أو متعلقة بالمشاركة في إجراءات التأهيل المسبق الخاصة بالهيئة.

Yours Sincerely,

وتفضلوا بقبول فائق الاحترام

عبدالله آهن محمد

رئيس لجنة تأهيل الشركات المنتجة والموردة للمواد ومقاولي الباطن

ص.ب: 22188- الدوحة – قطر، التلفون: 0000 4495 974+، فاكس: 0900 4495 974+

P.O. Box: 22188, Doha – Qatar, Tel: +974 4495 0000, Fax: +974 4495 0900

www.ashghal.gov.qa

# 10-Approval Previous Project

Qatar Deserves The Best

ECG جماعة المهندسين الاستشاريين العربية
ENGINEERING CONSULTANTS GROUP

BOJAMHOOR

**DOCUMENT SUBMITTAL**

**SUBMITTAL NO.:** PKG03-GENSH-BTCC-PRQ-AR-0070 **Revision No.** 1

**PROJECT NAME:** Design and Build for the Modification and Additional Works to Existing (27) Schools- Package Three (11) Nos. Schools **PROJECT NO.:** BA 2019 C 004 I

**CONSULTANT:** ECG- Engineering Consultants Group **DATE:** 12 May 2020

**CONTRACTOR:** Bojamhoor Trading & Contracting Company

**DISCIPLINE:** ■ ARCH. ☐ CIV. ☐ STRU. ☐ ELE. ☐ MECH. ☐ INTERIOR DESIGN ☐ OTHER

**SUBMITTAL TYPE**

☐ Technical Submittals ☐ Method Statement ☐ Reports ☐ Test Results
☐ PQP ☐ ITP ☐ Certificates ☐ O&M Manual
☐ Schedule/ Program ■ Prequalification of Subcontractor/Supplier ☐ Others (Specify)

**TRANSMITTED FOR**

■ Approval ☐ Review & Comments ☐ Information/Records ☐ As Requested

**METHOD OF TRANSMISSION**

■ Hand ☐ Email ☐ Mail ☐ Upload via FTP

| Sl | DESCRIPTION | Document Ref. No. Specs/BOQ Reference | Rev. No. | Format Hard | Format Soft | No. of Copies | Remarks |
|---|---|---|---|---|---|---|---|
| 1. | M/s AluSmart Trading and Contracting for Aluminum Works (Alternative) | BTCC-ECG-AR-PRQ-035 | 1 | ■ | ■ | 1 Hard copy & 1 Soft Copy | |

| CONTRACTOR | | CONSULTANT | |
|---|---|---|---|
| Snr. Architect Engr | QA/QC Manager | | |
| Technical Manager | Project Manager 13/5/2020 | Received By | Date & Time |

**Consultant Comments:** * Refer To DRC. Subject to Material and Mockup approval

**Action Code:** ☐ A=Approved ☑ B=Approved as Noted ☐ C=Revise & Resubmit ☐ D=Rejected

**Discipline Engineer:** Georges Abi Khalil **Date:** 20 May 2020

| CONSULTANT | | CONTRACTOR | |
|---|---|---|---|
| Project Manager | 20-5-2020 Date | Received By | Date |

For the contents of this submittal, approval by the Consultant and/or the Engineer shall not relieve the Contractor of his obligation under the Contract, and the Contractor shall be solely responsible for the technical & correctness of the submitted documents.

Form No. 2739-FRM-C001, Revision 0 October 15, 2019 Page 1 of 1

Ashghal — Qatar Deserves The Best

ECG ENGINEERING CONSULTANTS GROUP

BOJAMHOOR

## DOCUMENT REVIEW COMMENTS (DRC)

| | | |
|---|---|---|
| Project Name:Design and Build Modifications and Additional Works to Existing (27) Schools_ Package 3 _ 11 Nos Sch. | | Project No.: BA 2019 C 004 I |
| Submittal Reference: PKG03-GENSH-BTCC-PRQ-AR-0070 | Current Revision: 01 | Date: 20/05/2020 |
| Submittal Title:Alusmart for aluminum windows | | |
| Discipline: ☒ Architectural ☐ Civil ☐ Electrical ☐ Plumbing ☐ HVAC ☐ Landscape ☐ ID ☐ Others (Specify here) | | |

| | | |
|---|---|---|
| **Overall Submittal Review Status:** | B | A – Approved (Work May Proceed)<br>B = Approved as Noted (Work May Proceed subject to incorporation of changes indicated)<br>C = Revise & Resubmit (Work Shall Not Proceed)<br>D = Rejected<br>N= Noted |

| By Reviewer (Consultant/Client) | | | | By Originator (Contractor / Sub-Contractor) | | Reviewer Response |
|---|---|---|---|---|---|---|
| SL# | Document / Drawing No. | Rev. | Reviewer Comments | Contractor Response | Reference of Compliance | Status (Open/Closed) |
| 1 | BTCC-ECG-AR-PRQ-070 | 00 | 1- Strictly comply with project specifications and QCS requirements. | Comply | PRQ submittal Clause No 01 | B |
| | | | 2- Alusmart is responsible to apply for PWA vendor list and obtain ASHG AL Approval. Supportive documents to be attached in material list. | Alusmart is applying for PWA vendor list | | B<br>Supportive documents are to be provided. Approval to be submitted once received. |
| | | | 3- Final approval subject to materials approval. Test reports for proposed material to be provided | Comply | PRQ submittal Clause No 16 | B<br>Full Mockup is required for |

Form No. 2739-FRM-C014 Revision 1 May20, 2020 Page 1 of 3

Ashghal — Qatar Deserves The Best

ECG ENGINEERING CONSULTANTS GROUP

BOJAMHOOR

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | Final approval. |
| | | | 4- Computer card is expired commercial license is expired | Computer Card and Commercial License under renewal. Application reference is provided. | PRQ submittal Clause No 7 | B<br>To be provided once renewed. |
| | | | 5- 10 years Warranty for material and installation of the full system from project completion. | Comply | PRQ submittal Clause No 11 | B<br>Warranty to be for full system and 10 years from project completion , to be attached in material submittal |
| | | | 6- Spare part to be provided as per project contractual documents. | Comply | PRQ submittal Clause No 15 | B |
| | | | 7- All third-party certificates are expired. | Comply | PRQ submittal Clause No 8 | D |
| | | | 8- Previous approvals from Ashghal are required. Official documents to be attached. | Alusmart don't previous approval from Ashgal, but other approvals are provided | PRQ submittal Clause No 10 | The provided previous approvals are not found to be sufficient as previous experience. Well known, big projects approval to be provided as |

Form No. 2739-FRM-C014 Revision 1 May20, 2020 Page 2 of 3

C

ASHGHAL Qatar Deserves The Best

ECG ENGINEERING CONSULTANTS GROUP

BOJAMHOOR

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | Qatar mall , Vendome mall - However, Alusmart is subject to client official approval. To be attached in material submittal. |
| | | | 9- Iso certificates for Alusmart are required | Under process, ISO Certificate agency letter is provided | PRQ submittal Clause No 13 | B To be Provided |
| | | | 10- Authorization letter are required | Comply | PRQ submittal Clause No 4 | B |

**Reviewed By:** Name: **Georges Abi Khalil** Designation: **Sr. Architect** Signature & Date: **20 May 2020**

**Responded By:** Name: **Mahmoud S.Eltalawy** Designation: **Project Manager** Signature & Date: **11th May 2020**

Form No. 2739-FRM-C014 Revision 1 May20, 2020 Page 8 of 8

ASHGHAL Qatar Deserves The Best

ECG ENGINEERING CONSULTANTS GROUP

BOJAMHOOR

## MATERIAL SUBMITTAL APPROVAL

**Project Name** : Design and Build for the Modification and Additional Works to Existing (27) Schools- Package Three (11) Nos. Schools
**Project No.** : SA 2019 C 004 I
**Client** : ASHGHAL
**Consultant** : ECG- Engineering Consultants Group
**Contractor** : Bojamhoor Trading & Contracting Company

| Submittal No. | Revision | Date |
|---|---|---|
| PKG03-GENSH-BTCC-MAT-AR-0056 | 1 | 20 May 2020 |

**Discipline:** ■ ARC ☐ CIV. ☐ FIRE ALARM ☐ ELE. ☐ MECH. ☐ ID
**Enclosure:** ☐ PQD Approval Copy ☐ Sample ■ Catalogue ■ Data Sheet ■ Test Certificate ☐ Other (Specify......)

| Sl No. | DESCRIPTION | Manufacturer | Supplier | BOQ Item No. | Specs. Ref. |
|---|---|---|---|---|---|
| | Material Submittal for Aluminum and Glazing Works | Qatex & Jersey Glass Factory | Alusmart | BOQ 3.1/ Window/Ext. Door/ Item 8, Page 1 | Section 6 Part 6.1 and Section 9 |

| CONTRACTOR | | | | CONSULTANT | |
|---|---|---|---|---|---|
| QA/QC Manager | Sr. Architect Eng. | Technical Manager 21/5/2020 | Project Manager 21/5/2020 | Reviewed By | Date |

**Action Code:**
☐ A= Approved
☑ B= Approved as Noted
☐ C= Revise & Resubmit
☐ D= Rejected

**Comments:** Subject to Kahramaa approval and PWA approval as part of vendor list.
Subject to client approval (technically accepted)

**Discipline Engineer:** Georges Abi Khalil **Date:** 20 May 2020

| Approved By: | | Contractor | |
|---|---|---|---|
| Resident Engineer | Date 20-5-2020 | Received By | Date |

For the purposes of this submittal, approval by the Consultant and/or the Engineer shall not relieve the Contractor of his obligations under the contract, and the Contractor shall be solely responsible for the soundness and correctness of the submitted documents.

Form No. 2739-FRM-C003 Revision 0 October 15, 2019 Page 1 of 1

c

ASHGHAL – Qatar Deserves The Best

ECG ENGINEERING CONSULTANTS GROUP

BOJAMHOOR

## DOCUMENT REVIEW COMMENTS (DRC)

| | | |
|---|---|---|
| Project Name:Design and Build Modifications and Additional Works to Existing (27) Schools_ Package 3 _ 11 Nos Sch. | | Project No.: BA 2019 C 0041 |
| Submittal Reference: PKG03-GENSH-BTCC-PRQ-AR-0070 | Current Revision : 01 | Date: 20/05/2020 |
| Submittal Title:Alusmart for aluminum windows | | |
| Discipline: ☒ Architectural ☐ Civil ☐ Electrical ☐ Plumbing ☐ HVAC ☐ Landscape ☐ ID ☐ Others (Specify here) | | |

| | | |
|---|---|---|
| Overall Submittal Review Status: | B | A = Approved (Work May Proceed)<br>B = Approved as Noted (Work May Proceed subject to incorporation of changes indicated)<br>C = Revise & Resubmit (Work Shall Not Proceed)<br>D = Rejected<br>N= Noted |

| By Reviewer (Consultant/Client) | | | | By Originator (Contractor / Sub-Contractor) | | Reviewer Response |
|---|---|---|---|---|---|---|
| S.# | Document / Drawing No. | Rev | Reviewer Comments | Contractor Response | Reference of Compliance | Status (Open/Closed) |
| 1 | BTCC-ECG-AR-PRQ-070 | 00 | 1- Strictly comply with project specifications and QCS requirements. | Comply | PRQ submittal Clause No 01 | B |
| | | | 2- Alusmart is responsible to apply for PWA vendor list and obtain ASHG AL Approval. Supportive documents to be attached in material list. | Alusmart is applying for PWA vendor list | | B Supportive documents are to be provided. Approval to be submitted once received. |
| | | | 3- Final approval subject to materials approval. Test reports for proposed material to be provided | Comply | PRQ submittal Clause No 16 | B Full Mockup is required for |

Form No. 2230-PMM-C014 Revision 1 Mar10, 2020 Page 1 of 3

C

ASHGHAL

ECG ENGINEERING CONSULTANTS GROUP

BOJAMHOOR

## MATERIAL SUBMITTAL APPROVAL

Project Name : Design and Build for the Modification and Additional Works to Existing (27) Schools– Package Three (11 Nos. Schools
Project No. : BA 2019 C 0041
Client : ASHGHAL
Consultant : ECG- Engineering Consultants Group
Contractor : Bojamhoor Trading & Contracting Company

| Submittal No. | Revision | Date |
|---|---|---|
| PKG03-GENSH-BTCC-MAT-AR-0058 | 1 | 20 May 2020 |

Discipline: ■ ARC ☐ CIV. ☐ FIRE ALARM ☐ ELE. ☐ MECH. ☐ ID
Enclosure: ☐ PQD Approval Copy ☐ Sample ■ Catalogue ■ Data Sheet ■ Test Certificate ☐ Other (Specify......)

| Sl No. | DESCRIPTION | Manufacturer | Supplier | BOQ Item No. | Specs. Ref. |
|---|---|---|---|---|---|
| | Material Submittal For Aluminum and Glazing Works | Qatar & Jersey Glass Factory | Alusmart | BOQ 8.1/ Window/Ext. Door... Package 3 | Section 6 Part 6.1 and Section 9 |

| CONTRACTOR | | | | CONSULTANT | |
|---|---|---|---|---|---|
| QA/QC Manager | Snr. Architect Eng. | Technical Manager | Project Manager 21/5/2020 | Received By | Date |

Action Code:
☐ A= Approved
☑ B= Approved as Noted
☐ C= Revise & Resubmit
☐ D= Rejected

Comments: Subject to Kahramaa approval and PWA approval as part of vendor list. Subject to client approval (technically accepted)

Discipline Engineer: George Ali Khalil Date: 26 May 2020

| Approved By: | | Contractor | |
|---|---|---|---|
| Resident Engineer | Date 20-5-2020 | Received By | Date |

Form No. 2726-PMM-C003 Revision 0 : October 15, 2019 Page 1 of 1

## DOCUMENT SUBMITTAL

SUBMITTAL NO.: C/2023/16-DGC-PRQ-AR-0015 DATE: 2023-12-23

PROJECT NAME: DESIGN AND BUILD OF TEMPORARY COMPETITION VENUES & POOLS FOR THE 21ST FINA WORLD CHAMPIONSHIP & MASTERS WORLD CHAMPIONSHIPS, DOHA 2024

PROJECT NO.: BP 2022 C 006 G

CONSULTANT: Engineering Consultants Group – ECG

CONTRACTOR: Doha Group Trading & Contracting – DGC

DISCIPLINE: ✓ ARCH. ☐ CIV. ☐ STRU. ☐ ELE. ☐ MECH. ☐ Hydraulic ☐ OTHER

**SUBMITTAL TYPE**

☐ Technical Submittals ☐ Method Statement ☐ Reports ✓ Prequalification of Subcontractor

☐ PQP / ITP ☐ Schedule ✓ Supplier Approval ☐ Test Reports

☐ O&M Manual ☐ Certificates ☐ Others

**TRANSMITTED FOR**

✓ Approval ☐ Review & Comments ☐ Information/Records ☐ As Requested

**METHOD OF TRANSMISSION**

✓ Hand (with CD/DVD) ☐ Email ☐ Mail ☐ Upload via FTP

| Sl | DESCRIPTION | Document Ref. No. Specs/BOQ Ref | Rev. No. | Format Hard | Format Soft | No. of Copies | Remarks |
|---|---|---|---|---|---|---|---|
| 1. | Alu Smart Pre-Qualification (Installation of ACP Cladding and Handrail) | C/2023/16-DGC-PRQ-AR-0015 | 00 | ✓ | ✓ | 1 | |
| | | | | ☐ | ☐ | | |

| CONTRACTOR | | CONSULTANT | |
|---|---|---|---|
| QA/QC Manager | Project Manager | Received By | Date & Time |

Stamp: Doha Group Trading & Contracting – DGC – FINA World Championships Doha 2024

Stamp: ECG RECEIVED 23 DEC 2023 Aquatic Championship ECG

**Consultant Comments:**

* No objection to proposed "Alu Smart" for Manufacturer VIVA which is in Kingdom PVLL
* Final approval subject to material & mock-up approval.

Action Code: ☐ A-Approved ☐ B-Approved as Noted ☐ C=Revise & Resubmit ☐ D=Rejected

Discipline Engineer: Date: 28-DEC-23

| CONSULTANT | | CONTRACTOR | |
|---|---|---|---|
| Project Manager | Date | Received By | Date |

Stamp: ECG ENGINEERING CONSULTANTS GROUP Aquatic Championship B: APPROVED AS NOTED

Stamp: DGC Doha Group Trading & Contracting 28 DEC 2023 RECEIVED



CR - 92046 , P.O. Box 11696 , Phone : 66645290 , Email : Info @alusmart.qa

ASHGHAL

ECG عبد الله — ENGINEERING CONSULTANTS GROUP

DGC Doha Group

## MATERIAL SUBMITTAL APPROVAL

Project Name : DESIGN AND BUILD OF TEMPORARY COMPETITION VENUES & FACILITIES FOR THE 21ST FINA WORLD CHAMPIONSHIP & MASTERS WORLD CHAMPIONSHIPS, DOHA 2024

| Submittal No. | Revision | Date |
|---|---|---|
| C2023/16-DGC-MAT-AR-0024 | 00 | 2023/12/23 |

Project No. : BP 2022 C 006 G
Client : Public Work Authority (PWA) – Ashghal
Consultant : Engineering Consultants Group – ECG
Contractor : Doha Group Trading & Contracting – DGC

Discipline: ✓ ARCH. ☐ CIV. ☐ STRU. ☐ ELE. ☐ MECH. ☐ Hydraulic ☐ OTH

Enclosure: ✓ PRQ Approval Copy ☐ Sample ✓ Catalogue ✓ Data Sheet ☐ Test Certificate ☐ Other (……)

| Sl No. | DESCRIPTION | Manufacturer | Supplier | BOQ Item No. | Specs. Ref. | Location to be used |
|---|---|---|---|---|---|---|
| 1. | Material Submittal for Supply of ACP Cladding | Viva Composite Panels Pvt. Ltd | Viva Composite Panels W.L.L. | …… | …… | ☐ Hamad Aquatic<br>☐ Aspire Dome<br>☐ Qatar University<br>☐ Qatar Foundation<br>☐ Al-Sadd Sport Club<br>☐ Doha Port |

**CONTRACTOR**

Discipline Engineer — QA/QC Engineer — Project Manager

**CONSULTANT**

Received By

ECG RECEIVED 28 DEC 2023

Action Code:
☐ A- Approved
☑ B- Approved as Noted
☐ C- Revise & Resubmit
☐ D- Rejected

Comments: Refer to Comment Sheet

Discipline Engineer: …… Date: 28-12-2023

ENGINEERING CONSULTANTS GROUP Aquatic Championship B: APPROVED AS NOTED

Approved By:

Resident Engineer — Date

DGC Doha Group Trading & Contracting 28 DEC 2023 RECEIVED

Received By

Contractor

Date

Form No. C 2023/16/ECG-PRM-0003, Rev. 0, 06/2023

Page 6 of 8

C

# Alu Smart Trading and Contracting

C

AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

QDB

BOJAMHOOR

## SUBMITTAL FOR APPROVAL OF SUBCONTRACTOR/SUPLIER

PROJECT: Construction, Completion & Maintenance of Al Farjan Markets Stage 2 – Package 2 (4 EZZAB) Located at Various Locations across Qatar for Qatar Development Bank (QDB)

STR ☐ ARCH ☒ TEL ☐ ELEC ☐ MEP ☐ HVAC ☐

TRANSMITTAL NO. **BTCC-SC-AR-007**

ACTIVITY NAME: **PRE-QUALIFICATION-ALU SMART(Aluminum Works)**

BUILDING ZONE:

FLOOR NO : .................................................. SHOP DWG NO ..............................

DATE SUBMITTED BY CONTRACTOR: 21-08-2019

CONTRACTOR ENGINEER NAME: .................... SIGN: ..................

CONTRACTOR PROJECT MANAGER: Eng. Sameh Abd El Rahman SIGN:

COMMENT BY CONSULTANT ENGINEER:

Approved as noted;

- See attached comments.

STATUS:APPROVED ☐ APPROVED WITH COMMENTS ☐ NOT APPROVED ☐ NOT APPROVED ☐

CONSULTANT ENGINEER NAME: ........ Ayman Abdalla

SIGN : ....................  DATE : 1/9/2019..

RECEIVED
01 SEP 2019
BY:

RECEIVED
22 AUG 2019

CR - 92046 , P.O. Box 11696 , Phone : 66645290 , Email : Info @alusmart.qa

C

C

# Alu Smart Trading and Contracting

AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

C

C

C

C

C

TRUST

DGC

RECEIVED

By Mary Grace at 9:40 am, Sep 22, 2022

MATERIAL SUBMITTAL

PROJECT: AL SADD HOTEL APARTMENT

CLIENT: MR. HASSAN NASSER AL NAIMI

AGENT / SUPPLIER: M/s Alusmart Trading & Contracting

COUNTRY ORIGIN: CHINA

REQUESTOR

ENGINEER'S COMMENTS

☐ A - APPROVED ☐ B - APPROVED WITH COMMENTS

☐ C - REVISE & RESUBMIT ☐ D - NOT APPROVED/REJECTED

SR. CONSTRUCTION ENGR.: Engr. Jolan Ogand SIGNATURE DATE: 27-FEB-2023

CLIENT/ CONSULTANT:

· Approval by HAI or client shall not relieve the Contractor from responsibility for any errors or omissions in such drawings, docs. nor responsibility of complying with requirements.

· Ensure compliance with design intent and authority requirements

· Provide mockup / prototype

· Comply with QCS-2014, NFPA, BCD

NAME: Sharon de Kalanjiri SIGNATURE

C

C

C

C

C

C



C

c

C

C

C

C

شركة تريندز ديزاين

(With limited liability) TRENDZ DESIGN Co.

February 18, 2019

Ref : CP-TD/DB-DO-180-19

M/s Qatar Infrastructure Company
PO Box 200035
Doha, Qatar

Tel : +974 4432 6385
Fax : +974 4407 2469

Attn : Eng. Emad Gaber
PMD Manager

Cc : Mr. Mohamed Abuneyah
Head of Maintenance Department Section

PROJECT: CONTRACT OF DESIGN AND EXECUTION OF INTERNAL DECORATION OF DOHA BANK BUILDING

SUBJECT: APPROVED WITH COMMENTS FOR PRE-QUALIFICATION SUBMITTAL FOR M/S ALU SMART TRADING FOR ALUMINIUM & GLASS WORK

Dear Sir,

Refer to above mentioned subject and your Pre- Qualification Submittal with reference Number TDDB-PRE-CV-0002 Rev 0 dated February 06, 2019, we hereby informed you that the Pre- Qualification Submittal for M/S Alu Smart Trading for Aluminium & Glass Work is Approved, as per Consultant comments for this project.

Attached:

1. Pre-Qualification Submittal ref #: MS-TD/DB-DO-13-19/Rev.0 dated 09-February-2019
2. Your Pre-Qualification Submittal ref #: TDDB-PRE-CV-0002 Rev 0 dated 06-February-2019

This is for your information and necessary action.

Thanks & regards,

For & on behalf of
Trendz Design Co. WLL

Mohammed Taleb Al-Khouri
Managing Director

10 FEB 2019

Susanna Toi
General Manager
E-mail: toi.susanna@talebgroup.com
Mobile: 5591 3883

Taleb Group

MATERIAL SUBMITTAL

Al Bassha Engineering Consultant

QATAR INFRASTRUCTURE

| | |
|---|---|
| Date : 11/12/2018 | NEW SUBMITTAL [x] RESUBMITTAL [ ] |
| Project Name : Doha Bank building | Submittal No. : AluS/2018/005 |
| Project No. : 18 | |
| Document title : Pre-Qualification document | |

**DESCRIPTION**

Pre-Qualification Documents of ALUSMART Trading & Contracting for Aluminium and Glass work.

**MANUFACTURER/SUPPLIER**

Name: AluSmart Trading and Contracting
Address: Abayan-St 260- building 320- office 6
Local Agent
Post Box: 1 1 6 9 6 Telephone No.: 44420007 Fax No.

**DELIVERY**

| AVAILABILITY | | MODE OF TRANSPORT | |
|---|---|---|---|
| Locally Manufactured | AluSmart | Overland | |
| GCASS Manufactured | | Air Freight | |
| Overseas | | Sea Freight | |
| **MANUFACTURE** | | **PROGRAMME** | |
| Production Period | | Latest Date for Order | |
| Delivery Ex. Works | | Date Material Required on Site | |
| Total Delivery Time | | | |

The Contractor certifies that the submitted items have been reviewed in detail and are correct and in strict conformance with the Contract documents except as otherwise stated.

CONSULTANT COMMENTS

(1) Approved [ ] (4) Revise & Resubmit [ ]
(2) Approved as Noted [ ] (5) Add'l. Info Required [ ]
(3) Rejected [ ] (6) Sample Test Required [ ]

**REMARKS**

Signature Date

CUSTOMER ENGINEERING DEPARTMENT COMMENTS

C

C

C

C

C

C

C

Al Sulaiti Real Estate Co. W.L.L.

| PRE-QUALIFICATION SUBMITTAL | SUBMITTAL TRADE | SUBMITTAL PACKAGE | SUBMITTAL REFERENCE | REVIEW CYCLE | SUBMITTAL DATE |
|---|---|---|---|---|---|
| | CIVIL | DOHA BANK PROJECT | [illegible] | [illegible] | [illegible] |

CONTRACT TITLE: CONTRACT OF DESIGN AND EXECUTION OF INTERNAL DECORATION OF DOHA BANK BUILDING

FROM (Contractor): TRENDZ DESIGN CO W.L.L

TO (Supervision Consultant): BEC ( AL Baraka Engineering Consultants)

SUBMITTAL TYPE — QUANTITY: (1)

| # | ITEM DESCRIPTION | REMARKS |
|---|---|---|
| 1. | REQUEST FOR APPROVAL FOR PRE-QUALIFICATION SUBMITTAL FOR M/s ALU SMART TRADING FOR ALUMINIUM & GLASS WORK. ATTACHMENT: PRE-QUALIFICATION DOCUMENTS FOR M/s ALU SMART TRADING FOR ALUMINIUM & GLASS WORK | Manufacturer: M/S ALU TRADING & CONTRACTING CO. Supplier / Subcontractor: M/S ALU TRADING & CONTRACTING CO. [illegible] Spec Ref: BOQ Ref: Location: |

Contractor's Signature: [signature] Date: [illegible]

CONSULTANT TO ENTER ACTION CODE AND REMARKS AND RETURN TO CONTRACTOR:

B: Approved as Noted

Remarks: Provide the updated company certification / registration for final approval.

Supervision Consultant's Signature: [signature] Date: 16/3/19

Form: Submittal

PRE-QUALIFICATION SUBMITTAL FORM

MULTI-PURPOSE STORES, SHOWROOM,ADMINISTRATION & ACCOMMODATION @ Birkat, Al Awamer

| | |
|---|---|
| PRQ DESCRIPTION: Alu Smart Trading and Contracting Prequalification for Aluminium works (Doors, Windows & louvers) | Date: 13-04-2020 |
| NAME AND TYPE OF MATERIAL: Aluminium works (Doors, Windows & louvers) | Ref No. PE08-PRQ-HWH-ARCH-008 |
| | Rev No. 0 |
| APPLICATION AREA TO BE USED THE MATERIAL: | |
| AS PER IFC DRAWING: | AS PER BOQ: |
| MANUFACTURER'S NAME AND ADDRESS: Alu Smart Trading and Contracting | Phone: 44420307 Fax: |
| SUPPLIER'S NAME AND ADDRESS: Alu Smart Trading and Contracting | Phone: 44420307 Fax: |
| Country of origin: Qatar | |
| Availability: locally ■ overseas ☐ | |

Attached Documents: Sample / prototype ☐ Technical Documents ☐ Tests ☐ Certificates ■ Others: Prequalification

Prepared by: PROC. MANAGER / QA/QC MANAGER / PROJECT MANAGER

CONSULTANT'S COMMENTS

☐ APPROVED ☑ APPROVED AS NOTED ☐ REVISE & RESUBMIT ☐ REJECTED

Subject to submit and approve material submittal and shop drawings which should comply to project specs.

CONSULTANT ENGINEER REPRESENTATIVE: [signature] 25.4.2020

Date:

CONSULTANT PROJECT MANAGER:

Date:

C

C

C

C

C C

C

C

C

C

## DOCUMENT TRANSMITTAL

CEG MAS

Date : Thursday, May 16, 2019

Project : BUILDING MATERIALS PRODUCT STORE WAREHOUSE

TYPE OF DOCUMENT

DISCIPLINE

DESCRIPTION

MANUFACTURER

LOCAL AGENT/ SUPPLIER:

FOR CONTRACTOR

CONSULTANT COMMENTS

REMARKS:

* Provide mock up sample with material submittal for approval.
* Provide Italian made as per project documentation.
* Submit data sheet with material submittal.
* Provide Aluminium frame (& Alu. profile) RAL (90%).

CLIENT / END USER COMMENTS

ACKNOWLEDGED BY

RECEIVED 22 MAY 2019

RECEIVED 16-05-19

fd consult IMAR

## DOCUMENT SUBMITTAL FORM

| BUILDING MATERIAL WAREHOUSE at Barkat, Al Awamer | | | |
|---|---|---|---|
| Project No.: F041 | Ref. No.: FBC-FDC-F041-PQL-0016 | Rev.: 01 | Date: 26/11/2018 |

M/s: FD CONSULT

Attention: ENGR. MOHAMED MABROUK

Document title: PRE-QUALIFICATION DOCUMENT

Purpose of submission: FOR REVIEW & APPROVAL

We are sending herewith documents listed below :

| ITEM NO | DESCRIPTION | TYPE | COPIES | ACTION |
|---|---|---|---|---|
| 1 | PRE-QUALIFICATION DOCUMENTS OF ALUSMART TRADING & CONTRACTING FOR ALUMINIUM WORK. | HARD COPY | 1 | |
| | | SOFT COPY | 1 | |

We certify that the Document submitted herewith have been reviewed in detail and are in strict compliance with drawings and specifications except as otherwise stated.

PREPARED BY: ENGR. ABDULLA AL SARRA — RECEIVED BY:

Date: 26/11/2018 — Date:

received

ENGINEER'S REVIEW / COMMENTS

☐ APPROVED ☑ APPROVED AS NOTED ☐ REVISE & RESUBMIT ☐ REJECTED

NOTES:
* Submit material submittal
* All materials shall be pursuant to the project specs.

approved as noted

CONSULTANT ENGINEER REP.: — CONSULTANT PROJECT MANAGER:

DATE — DATE 03-12-2018

CLIENT APPROVAL :

Page 1 of 1

C

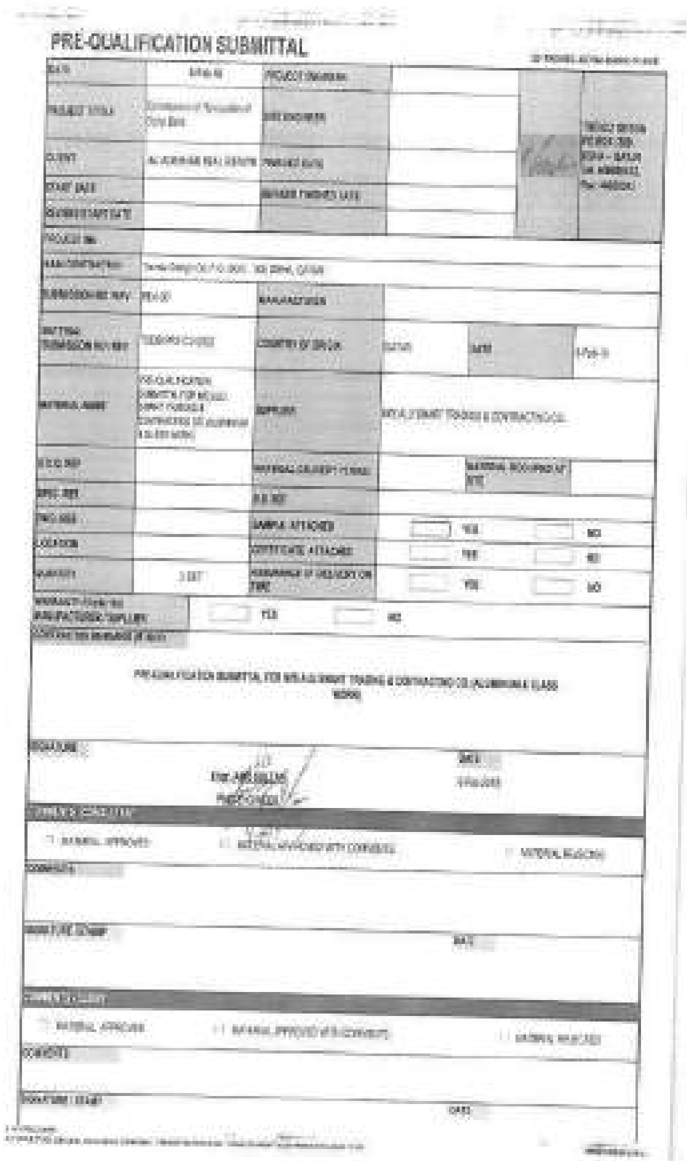
C

C

C

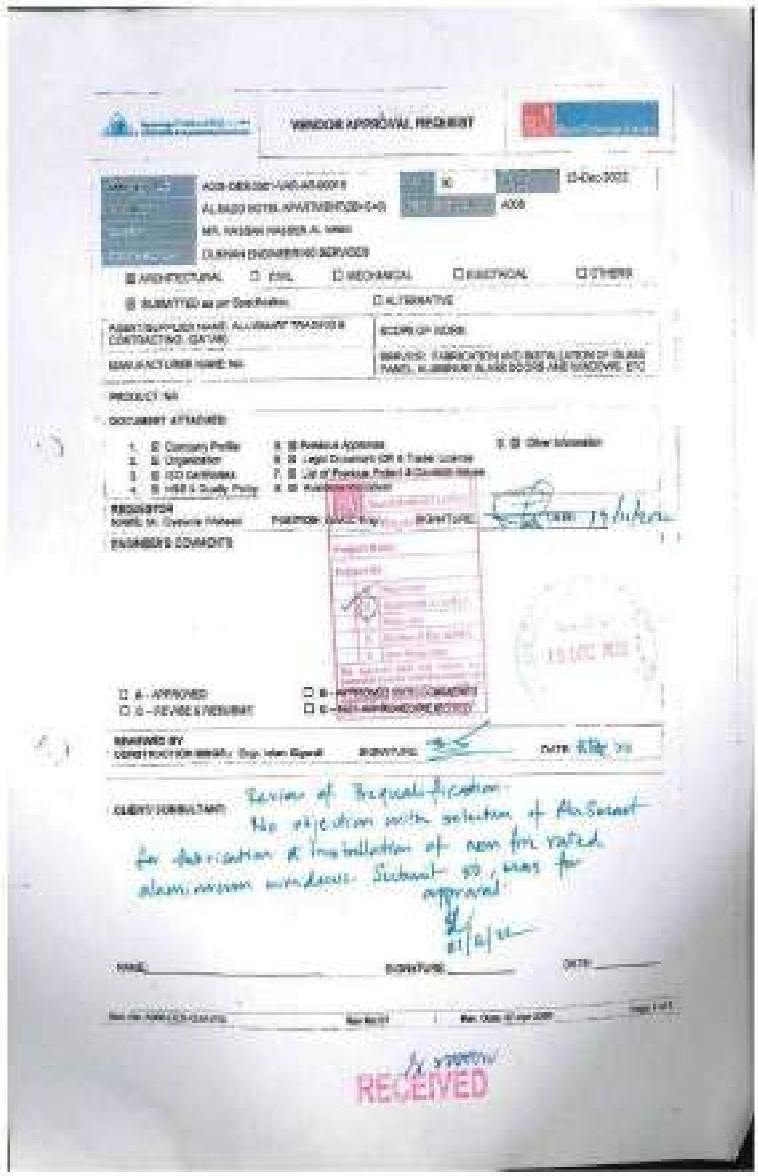
C

C



PRE-QUALIFICATION SUBMITTAL

PRE-QUALIFICATION SUBMITTAL FOR M/S ALU SMART TRADING & CONTRACTING CO (ALUMINIUM & GLASS WORK)



VENDOR APPROVAL REQUEST

CLIENT/CONSULTANT: Review of Prequalification:
No objection with selection of Alu Smart for fabrication & Installation of non fire rated aluminium windows. Submit SD, MAS for approval
21/2/22

RECEIVED

C



C

C

C

UNITED ARCHITECTS

## PRE QUALIFICATION FORM

Galva Steel

| | | |
|---|---|---|
| Date | 9/11/2018 | Rev. No.:01 |
| Project Name | Galva steel Factory | |
| Project No. | GS0068 | |
| Client | Galva Steel | |

| | |
|---|---|
| Address Alrayan- St 280- building 330- office6<br>Telephone: ___44429307<br>Fax: ______ | Contact Person: _Sayed Omran<br>Mobile: __66645290__ |

Supplier/ Vendor/ Manufacturer/ Sub-Contractor Scope of Work:

Pre-Qualification Documents of ALUSMART Trading & Contracting for UPVC , Aluminum and Glass work

Project Reference

☐ Specs________ ☐ BOQ________ ☒ Others________

For the Contractor

Name, Signature ______ Date ______

Consultant Response:

(1) Approved ☐ (2) Approved As Noted ☐ (3) Revise & Resubmit ☐

(4) Rejected ☐ (5) Others ☐

Remarks

Saad Al Rifai 9.2.2019

Name, Signature Date

Customer / Engineering Dept. Comments: Action Code:

Remarks

Signature ______ Date ______

File

UA-F07.11.03
07-Nov-2018

Pre-Qualification form
Page 1/1

RECEIVED 18 FEB 2019

UNITED ARCHITECTS

PRE QUALIFICATION FORM

Galva Steel

Date 9/11/2018 Rev. No.:01
Project Name Galva steel Factory
Project No. GS0068
Client Galva Steel
Address Alrayan- St 280- building 330- office6
Telephone: ___44429307
Fax: ______
Contact Person: _Sayed Omran
Mobile: __66645290__

Supplier/ Vendor/ Manufacturer/ Sub-Contractor Scope of Work:
Pre-Qualification Documents of ALUSMART Trading & Contracting for UPVC , Aluminum and Glass work

Project Reference
☐ Specs________ ☐ BOQ________ ☒ Others________
For the Contractor
Name, Signature Date
Consultant Response:
(1) Approved ☐ (2) Approved As Noted ☐ (3) Revise & Resubmit ☐
(4) Rejected ☐ (5) Others ☐
Remarks
Saad Al Rifai 9.2.2019
Name, Signature Date
Customer / Engineering Dept. Comments: Action Code:
Remarks
Signature Date
File
UA-F07.11.03
07-Nov-2018
Pre-Qualification form
Page 1/1
RECEIVED 18 FEB 2019

C

C

C

C

C

C

C

C


DRAWING APPROVAL REQUEST

PROJECT: AL SADD HOTEL APARTMENT

CONSULTANT: HOUSE OF ARCHITECTURE & INTERIORS

*** Nothing Follows ***

FINAL APPROVAL:

DATE:


Certificate of Completion

Project : CONSTRUCTION 93 VILLA COMPUND AT UMM SILAL AREA - CLUB HOUSE SPIDER GLASS WORKS

Client : ALADKHAR REAL STATE CO.WLL

Consultant : AL BARAHA CONSULTING ENGINEERING

Main Contractor: Qatar Infrastructure Company.WLL

Aluminum & GLAZING Sub-Contractor: ALUSMART TRADING AND CONTRACTING WLL

To whomsoever, it may Concern,

This is to certify that Alusmart Trading and Contracting, Aluminum and Glazing Subcontractor has successfully executed and completed the supply and installation of Spider Glass System and Sliding Automatic Doors at 93 Villa Compound at Umm Slal.

They have finished all of the contract work well before the scheduled date of completion and also followed strict rules for Quality Control assurance.

We want to assure that ALUSMART work is based on the highest standards. We wish you the best and hope to work with you again in the near future.

With Regards,

Qatar Infrastructure Company.

شركة قطر لاعمال البنية التحتية

C

C

C

C

C
C

C

C

C

AL JAZEERA

**Submittal for Materials Approval**

Ref: HTC-MAR-P172-10 Rev: 00
Date: 27-01-2022 Project No.:P172

Project: Private Villa (G+1+PH) + Out Ancillaries
Client: Shk. Mohammad Salman KA Al Thani
Consultant: Al Jazeera Consulting Engineering
Contractor: Al Hattab Trading & contracting

To the Consultant Engineer Attn., we request the Engineer's approval for the following materials

**Materials Description:**

Description: **Pre-Qualification, Data sheet and Sample**

1- **Pre-Qualification (M/s. Alusmart Trading and Contracting)**
2- **Aluminum Window Glass**
3- **Curtain Wall**

Type of Materials: Aluminum
Drawing Ref:

Area of Application:
Specification: Attached
Enclosures: Data Sheet
Attached: Submittal

■ Technical Data ☐ Test Certificate ■ Sample ☐ Literature

**Manufacture / Supplier**

Company Name: FAB Aluminium Accessories
Address:
Local Agent:
P.O Box:

**Material Delivery**

Country of Origin: Qatar
Availability: Immediate
Delivery Program Immediate
Ex- Work total Duration:
Estimate Date of arrival on site: After Approval
Date Material required on site: After Approval
Production Period:

We Certify that the above submittal items have been reviewed in detail and are correct and strict conformity with the contract drawings, and Specification except as otherwise stated and also that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in full conformity with timely delivery.

For Contractor
Name:
Signature:
Date: 23/1 2022

Consultant received
For the Consultant

**Consultant Engineers Comment:**

* should be water proof & dusty proof.
* impact according the change of spec.
* mockups to be done for owner approval.

**Return with Consultant action Code:**

☐ Approved ☑ Approved as Noted ☐ Revise-Resubmit ☐ Rejected ☐ Received for Acknowledge
☐ Guarantee Required ☐ Test Required ☐ Additional Info Required ☐ Others

Name: ........................ Signature: ........................ Date: 1/2/2022

**To the Contractor:**

We hereby return this taken action for the submittal. The approval shall not release the contractor from his obligations and liabilities under the contract documents, and therefore shall not imply any recognition whatsoever additional time or cost to the contract.

**Received by the contractor:**

Name: Eng. Faueik Mostafa Signature: ........................ Date: 1/2/2022

C

C

# 15-Draft Warranties and guaranties as per specification.

Alu Smart

CR - 92046 , P.O. Box 11696 , Phone : 66645290 , Email : Info @alusmart.qa

# Warranty Letter for Aluminum Works

**We, ALUSMART TRADING AND CONTRACTING**