



**AURORA CRYSTAL LIGHTING**

AL FALAH ROAD, ABU DHABI, UAE

PHONE: +971 2 641 8551

info@auroracl.com



# COMPANY PROFILE



## WHERE HISTORY BEGINS

Aurora Crystal Lighting was established by Mrs. Iman Sahnoun in 2007 in UAE and across the Middle East as one of the market leaders in multiple competitive industries today



Mrs Iman Sahnoun

## INTRODUCTION

**Aurora Crystal Lighting** is a premium lighting solutions company dedicated to bringing elegance, brilliance, and innovation into modern spaces. Specializing in high-quality crystal lighting products, we design, supply, and install luxurious lighting fixtures that enhance residential, commercial, and hospitality environments.

With a commitment to craftsmanship and contemporary design, Aurora Crystal Lighting combines timeless crystal artistry with advanced lighting technology to create stunning atmospheres that inspire beauty, comfort, and sophistication.

### Our Mission

To deliver exceptional lighting solutions that combine luxury, innovation, and reliability while exceeding customer expectations through superior quality, professional service, and creative design expertise.

### Our Vision

To become a leading and trusted name in lighting across the region by setting new standards in design excellence, customer satisfaction, and sustainable lighting solutions.

### Our Values

**Client:** we are committed to deliver the highest quality standards products supported by on time delivery & excellent services.

**Employees:** we are investing in development of employees and keep outstanding people as they determined future success.

**Excellence:** we offer honesty and professionalism in everything we do by consistent operating, maintaining and supplying in accordance with quality standard practice.

### Our Policy

Aurora Crystal Lighting policy is to keep the required materials in stock so as to cover all its customer's requirements. The policy enables us whether from public or private sectors, military or civil contractors or consultants, commercial, industrial or electrical fields achieve their goals in the shortest time and with least effort to achieve a distinguished service.

# What We Deal In

1. Indoor Lighting
2. Outdoor Lighting
3. Architectural lighting
4. Façade Lighting
5. Sports Lighting
6. Streets & Roads Lighting

## Project Management

Our team of experienced professionals carefully studies each project in detail to deliver the most suitable lighting solutions in accordance with project specifications.

We support our clients by providing comprehensive technical submittals, product samples, required lux calculations, and full compliance documentation to facilitate consultant approvals.

In addition, our specialists coordinate closely with clients and consultants, participating in project meetings to provide accurate technical guidance and ensure smooth project execution.

## Design

Our Design & Planning Department is led by qualified electrical engineers with extensive industry experience.

We utilize the latest lighting design software to deliver accurate calculations and efficient solutions for projects of any scale, covering both LED and conventional lighting systems.

All our lighting designs strictly comply with Estidama Pearl Rating requirements and applicable UAE regulations.

## Sales

The Sales Department operates under the supervision of Project Managers to ensure full alignment with project objectives.

Our sales team conducts a thorough review of each project and recommends suitable lighting fixtures that comply with project specifications and meet client requirements.

## Operations

The Operations Department oversees all logistics and service activities to ensure seamless project execution.

Key responsibilities include the timely submission of samples, reliable and on-schedule deliveries, and comprehensive after-sales support throughout the warranty period and beyond.



# Company Introduction

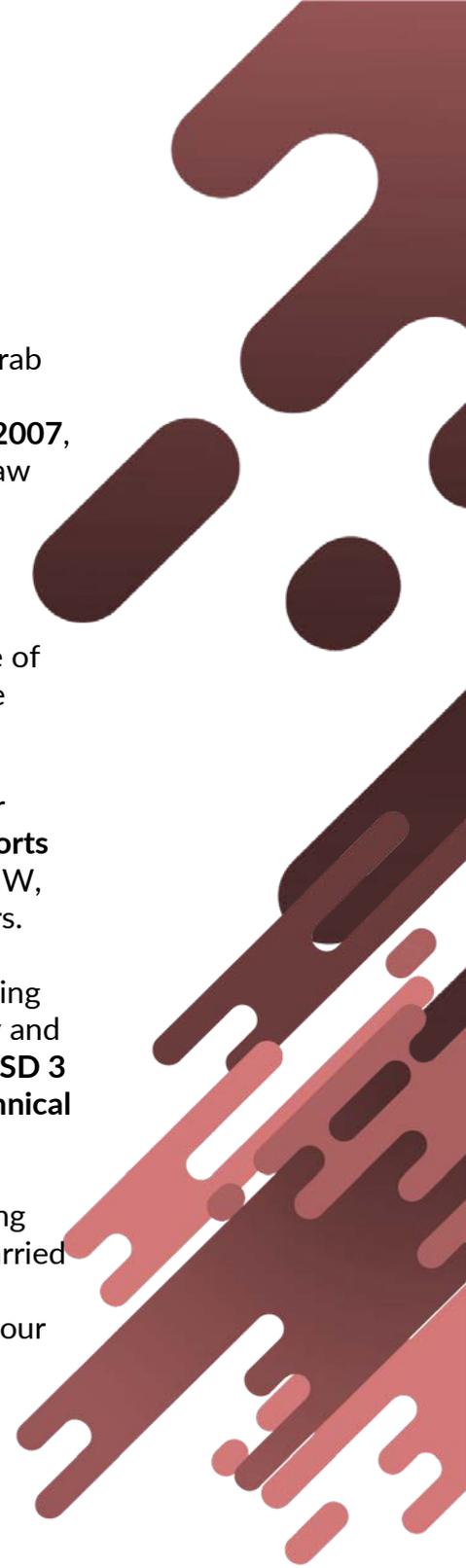
**Aurora Crystal Lighting** is an established business house in the United Arab Emirates specializing in the supply of premium lighting fixtures, related instruments, and electronic lighting solutions. Founded in **Abu Dhabi in 2007**, Aurora Crystal Lighting operates in full compliance with UAE company law regulations.

We are part of a well-known UAE business group with over **19 years of successful operations in the Middle East**, providing high-quality lighting solutions across multiple industries. Our company serves a diverse range of clients, including oil and gas companies, government entities, and private sector organizations.

Aurora Crystal Lighting has proudly supplied lighting equipment to major projects associated with organizations such as **ADNOC, Abu Dhabi Airports Company (ADAC), Abu Dhabi Municipality**, defense sector projects (CMW, PGC), ICT initiatives, and developments on **Saadiyat Island**, among others.

We represent several renowned European lighting manufacturers, ensuring our clients receive world-class products backed by advanced technology and superior craftsmanship. Our average annual turnover is approximately **USD 3 million**, supported by a dedicated team of **45 experienced sales and technical staff**.

Aurora Crystal Lighting is an **ISO 9001 certified company**, and our lighting design services and technical support for architects and engineers are carried out in strict accordance with international quality assurance standards. Additionally, we benefit from access to the advanced design facilities of our principal manufacturers, enabling us to deliver innovative, efficient, and aesthetically exceptional lighting solutions.



# Previous Projects

# Major Projects Undertaken

## Defense Projects

| <b>Project Name</b>                    | <b>Client / Consultant</b> | <b>Contractor</b>                    |
|--|----------------------------|--------------------------------------|
| CONSTRUCTION OF SEC. BLDG. AT LIWA     | DMW/CMW                    | STARS GENERAL CONT.                  |
| CMW-11079-C001                         | DMW/CMW                    | EASTERN INTERNATIONAL LLC            |
| CMW-11041-C003                         | COMMAND OF MILITARY WORKS  | EASTERN INT'L LLC                    |
| CMW-11000                              | COMMAND OF MILITARY WORKS  | OKAZ GEN. CONTR.                     |
| CMW-13048-C001                         | COMMAND OF MILITARY WORKS  | TASNEEM GEN. CONTR.                  |
| CMW-13025-C001                         | COMMAND OF MILITARY WORKS  | MEMCO                                |
| CMW-13046-C001                         | COMMAND OF MILITARY WORKS  | DHAFRA INT'L PROJECTS GROUP          |
| MW-LF-257-10                           | COMMAND OF MILITARY WORKS  | BIRDS ELECTROMECHANICAL              |
| CMW-11072-C002                         | COMMAND OF MILITARY WORKS  | ORIENT HOUSE                         |
| CMW-12136-C001                         | COMMAND OF MILITARY WORKS  | BIN DARWISH GENERAL CONTRN.          |
| CMW-13001-C001                         | COMMAND OF MILITARY WORKS  | AL JARWAN GEN. CONTR.                |
| CMW-003                                | COMMAND OF MILITARY WORKS  | ARAD CONTRACTING                     |
| CMW-12126-C001                         | COMMAND OF MILITARY WORKS  | ALGECO/BINDARWISH                    |
| COMMAND OF MILITARY WORKS- ARMED FORCE | DMW/CMW                    | ORIENT HOUSE FOR DEVELOPMENT CONSTN. |
| CMW-11129-C001                         | DMW/CMW                    | UNIVERSAL VOLTAS LLC                 |
| CMW-12058-C001                         | DMW/CMW                    | SELECT CONTRACTING CO.               |
| CMW-10004-C001                         | DMW/CMW                    | ALGECO                               |
| AL AIN SCHOOL                          | COMMAND OF MILITARY WORKS  | STARS GENERAL CONT.                  |

# Major Projects Undertaken

## Defense Projects

| Project Name                                 | Client / Consultant           | Contractor                        |
|--|-------------------------------|-----------------------------------|
| CMW-11064-C001                               | COMMAND OF MILITARY WORKS     | AL FALAH CONSTN. LLC / HK ADVANCE |
| CMW-1112-C001                                | COMMAND OF MILITARY WORKS     | UNIVERSAL VOLTAS                  |
| CMW-11082                                    | COMMAND OF MILITARY WORKS     | AL BADER GENERAL CONT.            |
| DESIGN & CONSTRUCT 2 BLDG. AT AL DHAFRA BASE | COMMAND OF MILITARY WORKS     | STARS GENERAL CONT.               |
| MW-OU-239-2010                               | COMMAND OF MILITARY WORKS     | AMANA CONT.                       |
| CAPITAL CENTRE                               | MAISAM CONSULTANT             | VERGER / ALI & SONS               |
| SECURITY BUILDING AT RUWAIS                  | COMMAND OF MILITARY WORKS     | STARS GENERAL CONT.               |
| CMW-1129-C001                                | COMMAND OF MILITARY WORKS     | UNIVERSAL VOLTAS LLC              |
| AL AIN PALACE GATE MUWAJEI                   | AL AIN CONSULTANT ENGINEERING | SQUARE GENERAL CONT.              |
| SPORTING CENTRE                              | COMMAND OF MILITARY WOKS      | AL BADER GENERAL CONT.            |
| CMW-11002-C001                               | COMMAND OF MILITARY WOKS      | AL FADA CONT & GEN MAINT. LLC     |
| CONS.OF QUSAHWIRA BLDG. SERVICES             | COMMAND OF MILITARY WOKS      | HLG/HABTOOR                       |
| CMW-11114-C001                               | COMMAND OF MILITARY WOKS      | ALGECO                            |
| MW-RG-248-2008 MAHAWI                        | U.A.E. DEFENSE                | AMANA CONTRACTING                 |
| MW/AF/273/2009 @ AL MOQATRA                  | U.A.E. DEFENSE                | SQAURE ENGINEERING CONSTRUCTION   |
| MW-IS-376-06, DEFENSE                        | U.A.E DEFENSE                 | DRIPCO                            |
| MW -AF-079-07, SAFRAN                        | U.A.E DEFENSE                 | AL AIN GEN. CONTRACTING (ALGECO)  |
| MW-LF-379-2005 (FOOTBALL GROUND)             | DEPT. OF MILITARY WORKS       | GULF EAGLE                        |

# Major Projects Undertaken

## Defense Projects

| PROJECT NAME   | CLIENT / CONSULTANT      | CONTRACTOR                       |
|--|--------------------------|----------------------------------|
| MW-SO-498 SAS AL NAKHEEL   | U.A.E DEFENSE            | AL AIN GEN. CONTRACTING (ALGECO) |
| MW-OU-197-2007   | U.A.E DEFENSE            | AL AIN GEN. CONTRACTING (ALGECO) |
| CONSTRUCTION WORK FOR AIR DEFENSE BRIGADE AT RAS AL AKHDAR                   | U.A.E. DEFENSE           | SEIDCO AL-AIN                    |
| MW-SO-802-2004 FOR U.A.E DEFENSE   | U.A.E. DEFENSE           | ENGINEERING SERVICES             |
| MW-AF-013-2004 WATCH TOWER AT SHOOTING RANGE - AL DAFRA AIR BASE - ABU DHABI | U.A.E. DEFENSE           | AL AIN GEN. CONT. CO (ALGECO)    |
| MW-AF-A68-2005 FOR U.A.E. DEFENSE  | U.A.E. DEFENSE           | AL AIN GEN. CONT. CO (ALGECO)    |
| MW-KT-092-04-ALAIN FOR U.A.E. DEFENSE  | U.A.E. DEFENSE           | AL AIN GEN. CONT. CO (ALGECO)    |
| MW-AF-168-2005 FOR U.A.E. DEFENSE  | U.A.E. DEFENSE           | AL AIN GEN. CONT. CO (ALGECO)    |
| MW/AF/326 FOR U.A.E. DEFENSE   | U.A.E. DEFENSE           | AL AIN GEN. CONT. CO (ALGECO)    |
| MW/OU/378 , COAST GUARDS MINA - ABU DHABI FOR U.A.E. DEFENSE                 | U.A.E. DEFENSE           | AL AIN GEN. CONT. CO (ALGECO)    |
| MW/SO/545-FOR U.A.E. DEFENSE   | U.A.E. DEFENSE           | AL AIN GEN. CONT. CO (ALGECO)    |
| MW LF 104 TANKS SIMULATOR FOR U.A.E. DEFENSE                                 | U.A.E. DEFENSE           | AL AIN GEN. CONT. CO (ALGECO)    |
| SPORTING CENTRE  | COMMAND OF MILITARY WOKS | AL BADER GENERAL CONT.           |
| CMW-13004-C001   | U.A.E. DEFENSE           | ATONE ELECTROMECHANICAL          |
| CMW-09082-C001   | U.A.E. DEFENSE           | AL JABBER LIGHTING               |
| CICPA  | U.A.E. DEFENSE           | AL DHAFRA                        |

# Major Projects Undertaken

## Defense Projects

| <b>Project Name</b> | <b>Client / Consultant</b> | <b>Contractor</b>             |
|---------------------|----------------------------|-------------------------------|
| CMW-13048-C001      | COMMAND OF MILITARY WORKS  | TASNEEM GEN. CONT.            |
| CMW-13044-C001      | COMMAND OF MILITARY WORKS  | HK ADVANCED.                  |
| CMW-0551            | COMMAND OF MILITARY WORKS  | ELECTRON<br>ELECTROMECHANICAL |
| CMW-13046           | COMMAND OF MILITARY WORKS  | DHAFRA INTL.                  |
| CMW-12056           | COMMAND OF MILITARY WORKS  | CATALYST                      |
| CMW-15000 FM051 ZMH | COMMAND OF MILITARY WORKS  | OKAZ GEN. CONT.               |
| CMW-09003-C009      | COMMAND OF MILITARY WORKS  | CAPRIOLE CONST.               |
| CMW-1129-C001       | COMMAND OF MILITARY WORKS  | UNIVERSAL VOLTAS.             |
| CMW-14063-C001      | COMMAND OF MILITARY WORKS  | ASQALAN GEN. CONT.            |
| CMW-15012-C001      | COMMAND OF MILITARY WORKS  | AL DHAFRA CONT.               |
| CMW-15038           | COMMAND OF MILITARY WORKS  | CAPRIOLE CONST.               |
| CMW-15059           | COMMAND OF MILITARY WORKS  | LIWA CONT.                    |
| CMW-15058           | COMMAND OF MILITARY WORKS  | LIWA CONT.                    |
| CMW-17040-C001      | COMMAND OF MILITARY WORKS  | NAEL GEN. CONT.               |
| CMW-17018-C001      | COMMAND OF MILITARY WORKS  | CAPRIOLE CONST.               |
| CMW-14090-C001      | COMMAND OF MILITARY WORKS  | CAPRIOLE CONST.               |
| CMW-16032           | COMMAND OF MILITARY WORKS  | NAEL GEN. CONT.               |
| CMW-15163           | COMMAND OF MILITARY WORKS  | NAEL GEN. CONT.               |



# Major Projects Undertaken

## Palace

| Project Name   | Client / Consultant                                       | Contractor                       |
|--|---|----------------------------------|
| BEACH PALACE GARDEN WORKS FOR (MINISTRY OF PRESIDENTIAL AFFAIRS)                               | HEBERGER ENGINEERING                                      | CITISCAPE                        |
| GARDEN & INTERIOR LIGHTING FOR THE SEA PALACE, ABU DHABI                                       | PRIVATE OFFICE OF H.H SHEIKHA ALIAZE BINT ZAYED AL NAHYAN | DON RITE PROJECT MANAGEMENT      |
| GARDEN & WATER FEATURE LIGHTING AT THE BEACH PALACE FOR H.H SHEIKH MANSOUR BIN ZAYED AL NAHYAN | MINISTRY OF PRESIDENTIAL AFFAIRS                          | PAULING MIDDLE EAST              |
| SHEIKH MANSOOR PALACE  | H.H SHEIKH MANSOOR ENG. OFFICE                            | KHANSAHEB                        |
| AL AIN PALACE GATE MUWAJEI   | AL AIN CONSULTANT ENGINEERING                             | SQUARE GENERAL CONT.             |
| BEACH PALACE   | H.H SHEIKH MANSOOR ENG. OFFICE                            | KHAN SAHEB                       |
| NAKHEEL PALACE - ABU DHABI   | NAKHEEL PALACE  | AL HAMED GEN CONT.               |
| MAJLIZ AND DINING HALL AT MUSHRIFF PALACE ABU DHABI  | PARC INTERNATIONAL  | AL BARQ CONSTRUCTION ABU DHABI   |
| INTERIOR LIGHTING AT THE PRESIDENTIAL PALACE   | LA BEDOUR DÉCOR   | LA BEDOUIR                       |
| MUSSAFAH PALACE  | PVT. OFFICE OF MOHD. BIN KHALIFA                          | PVT. OFFICE OF MOHD. BIN KHALIFA |
| RAWDAT AL REEF PALACE  | WHITE LINE ENGINEERING                                    | DON RITE PROJECT MANAGEMENT      |
| Sadiyat Private Beach house project  |   | Al Ain                           |
| Family Park  |   | Citiscap LLC                     |
| J-417 Mafrag Mall  |   | AMANA Contracting                |
| Comm buld for Mr saif mohammed Ali   |   | Shadow Corner Electro mechanical |
| AL Reeman  |   | Pivot                            |
| Meqat Mosque   |   | ASA                              |
|  |   |                                  |

# Major Projects Undertaken

## Hotels

| Project Name   | Client / Consultant            | Contractor                                   |
|--|--------------------------------|--|
| KHALIDIYA PALACE ROTANA HOTEL                          | KHATIB & ALAMI                 | L.L.C DECOVISION                             |
| KHALIDIYA PALACE ROTANA HOTEL                          | KHATIB & ALAMI                 | DECOVISION                                   |
| ROTANA HOTEL, AL AIN                                   | AL MEEDAN                      | AL SHAHEEN GENL. CONTR. ESTABLISHMENT        |
| NOVOTEL & IBIS HOTEL, ABU DHABI                        | ARCHITECTURAL CONSULTING GROUP | VERGER et DELPORTE LTD.                      |
| ROTANA & CENTRO HOTEL                                  | DON RITE PROJECT MANAGEMENT    | DON RITE PROJECT MANAGEMENT                  |
| AL RAHA BEACH HOTEL EXTENSION                          | DEWAN                          | NATIONAL PROJECTS & CONSTRUCTION             |
| ROTANA PARK HOTEL                                      |                                | CENTURY EMIRATES DECORATION                  |
| AL AIN RESORT HOTEL & WATER PARK                       | AL FARIDA INVESTMENT           | AL SABBAH ELECTRO-MECH                       |
| SIR BANI YAS ISLAND HOTEL DEVELOPMENT                  | TDIC / NORR CONSULTANT         | HILALCO                                      |
| SIR BANI YAS ISLAND HOTEL DEVELOPMENT                  | DON RITE PROJECT MANAGEMENT    | EMIRATES LANDSCAPE                           |
| SIR BANI YAS ISLAND HOTEL DEVELOPMENT – FOR WIND TOWER | DON RITE PROJECT MANAGEMENT    | HILALCO / DONRITE PROJECT MANAGEMENT         |
| SHEIK MANSOR TOWER-ABU DHABI                           | INTEGRATED DESIGN BUREAU       | AL SABBAH ELE. MECH GEN CONT                 |
| SAADIYAT ROTANA HOTEL & RESORT COMPLEX                 | APG                            | VERGER DELPORTE LTD.                         |
| THE ADDRESS HOTEL                                      | ARMSTRONG                      | FUTURE METRO LLC                             |
| FAMILY HOTEL   | MIRAL/WSP                      | SANJOS , FIBREX                              |
| ATGC- 5 Tower  |                                | ATGC (Malaih)                                |
| Reem Hills   |                                | National Projects & Construction LLC - Infra |
|  |                                |  |

# Major Projects Undertaken

## Residential/Commercial Building

| Project Name                                   | Client / Consultant               | Contractor                       |
|--|-----------------------------------|----------------------------------|
| BLOOM CENTRAL                                  | HEBERGER ENGINEERING CONSULTANT   | SHAPPORJI PALLONJI MIDEAST       |
| NAJMAT RES. TOWER                              | ARCHITECTECTURAL PLANNING GROUP   | ETTS                             |
| ADISC- COMPOUND LANDSCAPE & IRRIGATION         | PRIVATE PROPERTY MANAGEMENT       | CITISCAPE                        |
| BANIYAS RES. DEVELOPMENT                       | ADM                               | HILALCO                          |
| CAPITAL CENTRE                                 | MAISAM CONSULTANT                 | VERGER / ALI & SONS              |
| AL FORSAN HOTEL                                | ATKINS                            | ETTS/DEPA INTERIOR               |
| CAPITAL CENTRE                                 | MAISAM CONSULTANT                 | VERGER / ALI & SONS              |
| UNDERGROUND COMM. FACILITIES                   | SPECIALIST ENGINEERING CONSULTANT | .UNITED DESIGN INTNL.            |
| ANCILLARY BLDGS FOR EMIRATES STEEL             | AL ARAB                           | FIBREX                           |
| ADISC  | WS ATKINS                         | ETTS                             |
| VIP MAJILIS MEETING ROOM                       | ATLAS TELECOM                     | ATLAS TELECOM                    |
| BUSINESS BAY DUBAI                             | LACASA ARCHITECTS                 | TIGER CONTRACTING CO.            |
| ADISC RES. LEISURE & COMMERCIAL COMPOUND       | ECG                               | THERMO L.L.C                     |
| NATION TOWER                                   | HILL INTERNATIONAL                | EFECO LLC/ NPC JV                |
| AXION IMG GEN. CONSTRUCTION                    |                                   | IMAGINEERING                     |
| RESIDENTIAL COMPLEX (72 VILLA)                 | HANNOVER CONSULTING ENGINEERS     | ADDAX WHITE GAZELLE              |
| RESIDENTIAL BLDG. OF SHKA. FATIMA BINT MUBARAK | HANNOVER CONSULTING ENGINEERS     | TARGET ENGINEERING               |
| COMMERCIAL BUILDING IN MUSAFFAH                | AL AMARA AL SHARKIA CONSULTANT    | BAYANAT ELECTRO. MECH.CO (BEMCO) |

# Major Projects Undertaken

## Residential/Commercial Building

| Project Name  | Client / Consultant   | Contractor   |
|---|---|--|
| GOLF GARDEN RESIDENTIAL COMMUNITY   | SOROUH CONSULTANT   | PIVOT ENGINEERING                                      |
| RESIDENTIAL COMPLEX 15 VILLAS   | BAINONA CONSULTING ENGINEERING                              | ALI & SONS   |
| COMM.BLDG. OF SHK. RASHID AN MANSOURI & SHK. MOHD. BIN ZAYED CITY, ABU DHABI    | BAINONA CONSULTING ENGINEERING                              | MAZROUI CONSTRUCTION TECHNOLOGY (MAZCOT)               |
| COMM.BLDG. OF ABDULLA SAIF AL NEYADI @ SHK. MOHD. BIN ZAYED CITY, ABU DHABI     | BAINONA CONSULTING ENGINEERING                              | MAZROUI CONSTRUCTION TECHNOLOGY (MAZCOT)               |
| RG4 RESIDENTIAL DEVELOPMENT   | AL DAR & GHD GLOAL Pty LTD                                  | AL JABER TRANSPORT & GEN. CONT.                        |
| DEVELOPMENT OF PLOT C-1/2-9, H.H SHK. MOHD BIN ZAYED CITY (RESIDENTIAL COMPLEX) | MORGANTI GROUP, INC / FIRST GULF BANK & BAINONA & AL BAYATY | AL SABBAH ELE. MECH GEN CONT.                          |
| RESL. COMPLEX FOR SHK. SAIF   | HEBERGER ENGINEERING  | CITISCAPE  |
| RESIDENTIAL DEVELOPMENT   | FIRST GULF BANK & BAINONA & AL BAYATY                       | TEAMCO   |
| AL REEM TOWER   | AL MEEDAN CONSULTANT  | EMIRATES TECHNICAL & THERMAL SYSTEM                    |
| RESIDENTIAL BILDG TO 100 PERSON FOR AIR PORT POLICE CENTRE ABU DHBAI            | AIRPORT POLICE – ABU DHABI                                  | AL SABBAH ELE. MECH GEN CONT                           |
| BLDG FOR H.H. SH SULTAN BIN SUOUR AL DHAHIRY ABU DHABI                          | AL SWEIDE CONSULTING  | ARABEL   |
| TOWER FOR H.H SHK. ZAYED E/218  | ADNAN SAFFARINI   | ENGINEERING SERVICES                                   |
| RATTAN LIGHTING FOR THAI SPA & LEISURE COMPLEX ABU DHABI                        | TRIPODS   | GULF DUNES   |
| BLDG. FOR MR. MOHD. KHALFAN KHARBASH ABDULLAH                                   | AL SUWEIDI CONSULTANT                                       | AMESA ENGINEERING                                      |
| BLDG. OF ADCP FOR MR. SAEED MUBARAK H O AL MANSOURI                             | VIOLET ENG. CONSULTANCY                                     | MAZROUI CONSTRUCTION TECHNOLOGY (MAZCOT)               |
| AL HILAL BANK   | SEREX CONSULTANT  | SENSAIRE SERVICES LLC                                  |
| SWIMMING POOL WITH BAR & SPA AT ME-16 PLOT 1-2, ABU DHABI                       | HANNOVER CONSULTING ENGINEERS                               | THIRD DIMENSION GEN. CONTRACTING & DECORATION CO.L.L.C |
| GOLF LIBRARY & MANUSCRIPT STUDIES - ABU DHABI                                   | DAR AL KHALEEJ  | AL SABBAH ELE. MECH GEN CONT                           |

# Major Projects Undertaken

## Residential/Commercial Building

| Project Name                           | Client / Consultant          | Contractor                                  |
|--|------------------------------|---|
| RESEARCH CENTER – MINISTRY OF INTERIOR | KHATIB & ALAMI               | THERMO LLC                                  |
| SILVER WAVE TOWER, ABU DHABI           | BAINONA CONSULTING ENGINEERS | SEIDCO GEN. CONT. / INTL'L. CAPITAL TRADING |
| PARK PLACE BUILDING                    | DAR EL EMARA                 | COMMODORE CONTRACTING                       |
| ZUMURUD TOWER                          | BIN HAMOODAH PROPERTIES      | UNITED ENGINEERING CONTS.                   |
| AL REEM ISLAND DEVELOPMENT             |                              | BEIJING CONSTRUCTION                        |
| DESERT ROSE PROJECT                    | HEBERGER ENGINEERING         | AL KHYBER GEN. & CONT.                      |
| AL WAHDA CITY – OUTDOOR LIGHT          | HEBERGER ENGINEERING         | AL INJAZAT TECH. SERVICES                   |
| AL RAHA GARDEN SOUTHERN WALL EXTN.     | AL RAHA GARDEN PROPERTY      | ADVANCE AGRICULTURE                         |
| CIVIC SQUARE                           | HALCROW                      | MIMAR PROJECTS LLC                          |
| MINISTRY OF INTERIOR                   | HEBERGER ENGINEERING         | AL DIYAR GEN. CONT.                         |
| AQUA ORBIS                             |                              | AL AIN GEN. CONTRACTING                     |
| BATEEN PARK DEVELOPMENT                | DEWAN ARCHITECTS ENGINEERS   | SEICO                                       |
| MARASY DEVELOPMENT                     | EHAf                         | CITISCAPE                                   |
| ZABEEL PARK                            | EWAN                         | ARABIAN PROFILE                             |
| SILVER WAVE TOWER, ABU DHABI           | BAINONA CONSULTING ENGINEERS | SEIDCO GEN. CONT. / INTL'L. CAPITAL TRADING |
| PARK PLACE BUILDING                    | DAR EL EMARA                 | COMMODORE CONTRACTING                       |
| ZUMURUD TOWER                          | BIN HAMOODAH PROPERTIES      | UNITED ENGINEERING CONTS.                   |
| AL REEM ISLAND DEVELOPMENT             |                              | BEIJING CONSTRUCTION                        |

# Major Projects Undertaken

## Residential/Commercial Building

| Project Name  | Client / Consultant                       | Contractor                  |
|---|---|-----------------------------|
| G + 5 PARKING + 10 OFFICE BUILDING  | KHATIB & ALAMI / BIN HAMOODAH PROPERTIES  | AL QANTARA GEN. CONT.       |
| AL WAHDA CITY 1   | KHATIB & ALAMI                            | CIVILCO                     |
| SHK. SULTAN BLDG. ABU DHABI   | KHATIB & ALAMI                            | AL MERAIKHI CONT.           |
| AL RAHA GARDEN  | ALDAR PROPERTIES                          | DIRECT SOURCE ENGINEERING   |
| OFFICE BUILDING SHKA. SULTAN BIN TAHOON AL NAHYAN & SHKA. WADIMA BIN ZAYED BIN SULTAN AL NAHYAN | HANNOVER CONSULTING ENGINEERS             | S.S. LOOTAH CONTRACTING     |
| EMKE GROUP HEADQUARTER  |   | ALI & SONS CONTRACTING      |
| ZAYED CHARITABLE HUMANITARIAN FOUNDATION  | HEBERGER ENGINEERING                      | ALI & SONS CONT. CO.        |
| AL RAHA GARDENS - LANDSCAPING PHASE 3   | GHD GLOBAL Pty LTD                        | AL RYUM GEN. CONTRACTING    |
| PARK ROTANA MIXED USED DEVELOPMENT  |   | DRAKE & SCULL INTERNATIONAL |
| ABUDHABI GOLF CLUB  | TDIC                                      | DON RITE PROJECT MANAGEMENT |
| BEACH CLUB RIVIERA  |   | NPC                         |
| SHEIKHA FAKHEERA BUILDING- ABU DHABI  | AL SALAAM CONSULTANT                      | ARABEL                      |
| PVT.OFFICE OF H.H. SHEIKH MANSOUR BIN ZAYED AL NAHYAN   | HEBERGER ENGINEERING                      | CITISCAPE                   |
| DEVELOPMENT OF PLOT C-1/2-9, H.H SHK. MOHD BIN ZAYED CITY                                       | MORGANTI GROUP / FIRST GULF BANK/ BAINONA | SEIDCO GEN. CONT.           |
| RETAIL AVENUE   | DEWAN                                     | AL FUTTAIM                  |
| AL RAYYANA GOLF GARDEN PHASE 2  | SOROUH                                    | PIVOT ENGINEERING           |
| AL RAHA GARDENS   |   | ELMECH ELECTRO. MECH        |
| AL BATEEN PARK DEVELOPMENT  | DEWAN CONSULTANTS                         | SEIDCO GEN. CONT            |

# Major Projects Undertaken

## Residential/Commercial Building

| <b>Project Name</b>                    | <b>Client / Consultant</b> | <b>Contractor</b>    |
|--|----------------------------|----------------------|
| ANSAM DEVELOPMENT                      | KHATIB & ALAMI             | GALAXY ADVANCED      |
| WARSAN VILLAGE                         | INTERNATIONAL CITY LLC     | CORTEX ENGINEERING.  |
| BUILDING FOR SAIF AL MARRI             |                            | RASLAN GEN. CONT.    |
| AL RAHA BEACH DEVELOPMENT              | WHITE YOUNG                | SEG EMIRATES.        |
| ENEC                                   |                            | SCADA SYSTEMS..      |
| UNITED SQUARE KHALIDIYA                | EHAF                       | SEIDCO.              |
| CIVIC SQUARE YAS ISLAND                | HALCROW                    | MIMAR PROJECTS LLC   |
| RUWAIS ACCOMMODATION                   | ADNOC                      | ETTS.                |
| AL MARKAZ WARE HOUSE                   | APG                        | TRANS EMIRATES.      |
| H.H SHEIKH NAHYAN BIN MUBARAK BUILDING |                            | DHABI CONT.          |
| SAADIYAT BEACH RESORT                  |                            | GALAXY ADVANCED.     |
| ROYAL ADVANCE                          |                            | TROJAN HOLDING.      |
| NAJMAT TOWER                           | UNII ENG. CONS.            | SEIDCO.              |
| YAS SOUTH DEVELOPMENT                  | MIRAL                      | HILALCO.             |
| MAYAN YAS ISLAND                       | AECOM                      | GHANTOOT.            |
| THE ROYAL ATLANTIS RESORT              |                            | CITISCAPE.           |
| LABOUR ACCOMODATION                    | AL SUWAIDI                 | OST CONSTRUCTIONS.   |
| AL REEM ISLAND DEVELOPMENT             |                            | BEIJING CONSTRUCTION |

# Major Projects Undertaken

## Residential/Commercial Building

| Project Name                       | Client / Consultant                      | Contractor                   |
|------------------------------------|--|------------------------------|
| G + 5 PARKING + 10 OFFICE BUILDING | KHATIB & ALAMI / BIN HAMOODAH PROPERTIES | AL QANTARA GEN. CONT.        |
| AL WAHDA MALL 2 – ABU DHABI        | KHATIB & ALAMI                           | AL ARABIA ELECTRO. MECH      |
| EMKE GROUP HEADQUARTER             |  | ALI & SONS CONTRACTING       |
| ABU DHABI SHOOTING CLUB            |  | FIBREX                       |
| TEACHERS HOUSING @ DELMA           | AL SALAM                                 | AMESA ENGINEERING            |
| H.H. SHK. SAIF COMPLEX             |  | CITISCAPE                    |
| ICT LOGISTIC PARK                  | IHA                                      | HADEED EMIRATES CONT LLC     |
| AL RAHA BEACH RBW7-03              | LINK INVESTMENTS                         | ALBATEC.                     |
| NATION TOWER                       |  | EFECO                        |
| BLOOM CENTRAL                      |  | SHAPPORJI PALLONJI           |
| MINA PROJECT                       | ATKINS                                   | SILVER COAST.                |
| BAY DISTRICT LULU'AT AL RAHA       | BAINONA                                  | GALAXY UNIVERSAL.            |
| ABU DHABI SHOOTING CLUB            |  | FIBREX                       |
| AFKAR BUILDING                     | BAYATY                                   | AL MEZIN GENERAL CONTRACTING |
| DUBAI SPORTS COUNCIL               | NATIONAL ENGINEERING BUREAU              | RANYA GENERAL CONSTRUCTION   |
| P-153-JSD Tower                    |  | Emirates Link Maltauro LLC   |
| Baniyas North Develop              |  | Citiscapc LLC                |
| 1059-Al Falah Infrastructure works |  | NPC                          |

# Major Projects Undertaken

## Villas

| Project Name                                    | Client / Consultant            | Contractor                                 |
|---|--------------------------------|--|
| H.H SAYED VILLA -ABU DHABI                      | KHATIB & ALAMI                 | AL FARAA GEN. CONT.                        |
| HABIB VILLA                                     | HABIB                          | HABIB                                      |
| SAADIYATH VILLAS                                | KEO                            | ETTS                                       |
| HIGHLAND RESORT VILLAS W-51                     | WS ATKINS                      | NATIONAL PROJECTS & CONSTRUCTION           |
| AL RAHA GARDENS                                 | TDIC / PARSONS                 | EL MEC                                     |
| NEW VILLA                                       | KHALID AL AWADI                | KHALID AL AWADI                            |
| PRIVATE VILLA                                   | MR. MOHD. AL HAMMADI           | MR. MOHD. AL HAMMADI                       |
| RESIDENTIAL COMPLEX (72 VILLA)                  | HANNOVER CONSULTING ENGINEERS  | ADDAX WHITE GAZELLE                        |
| HIGHLAND RESORT VILLAS W-51                     | WS ATKINS                      | NATIONAL PROJECTS & CONSTRUCTION           |
| SAADIYAT VILLAGE                                | TDIC / PARSONS                 | AL SABBAH ELECTRO-MECH                     |
| RESIDENTIAL COMPLEX 15 VILLAS                   | BAINONA CONSULTING ENGINEERING | ALI & SONS                                 |
| SAS AL NAKHIL – 500 VILLAS                      | SOROUH & EWAN CONSULTANT       | PIVOT ENGINEERING & AL GHAFLY ELECTRO-MECH |
| PRIVATE VILLA AT MINA - ABU DHABI               | HEBERGER ENGINEERING           | CIMEL ABU DHABI                            |
| 4 VILLAS FOR MOHAMED AHMED AL HUMEIRY ABU DHABI | HEBERGER ENGINEERING           | DISTINCT GENERAL CONT.                     |
| SHEIK MANSOUR VILLA – DUBAI                     | H.E SHK MANSOOR VILLA          | DESERT LANDSCAPE                           |
| 976 AL SHAMSI VILLA                             | AL QUDRA DEVELOPMENT           | EMIRATES LANDSCAPE                         |
| MAWARDI VILLA                                   | PRIVATE PROPERTY MANAGEMENT    | IMCC                                       |
| MAWARDI VILLA                                   | PRIVATE PROPERTY MANAGEMENT    | IMCC                                       |











# **Our Products**

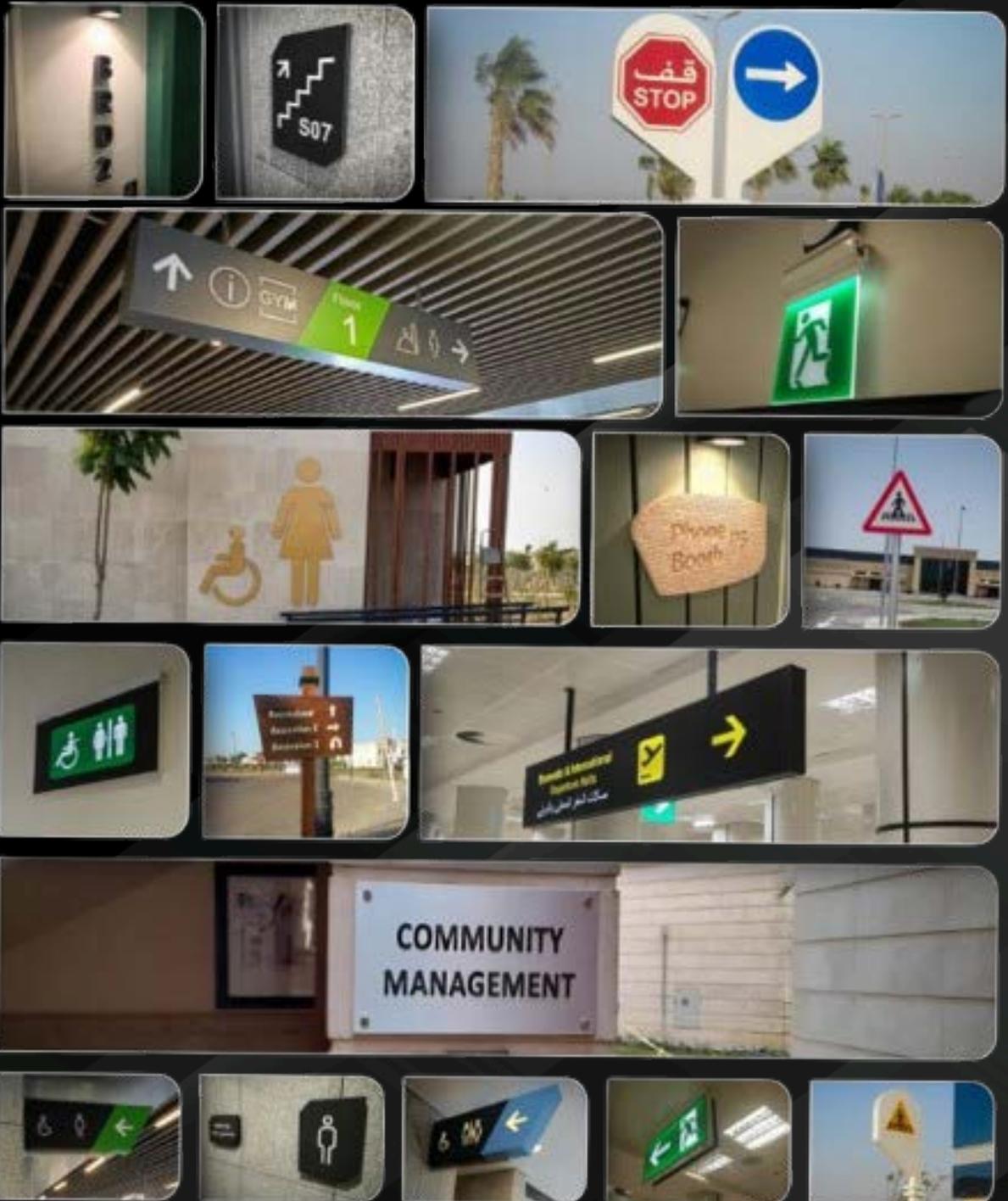
# Roof Signs

High-visibility sign that serve as landmarks, designed to capture attention and reinforce brand recognition from a distance



# Way-finding Sign

Clear intuitive signage system that guide visitors seamlessly through spaces, improving navigation and user experience.



# Outdoor Sign

Durable and impactful sign that make a statement and establish your brands identity in high traffic outdoor environments.



# Indoor Signs

Strategically designed signage solutions that enhance the interior environment, aiding communication and reinforcing your brands presence.



# Mockups Fabrication

Innovative, custom-designed mockups that transform bold ideas into engaging visual displays, designed to capture attention and set your brand apart.



# Signage & Decorations

Seamless integration of signage and design elements, blending functionality with aesthetic appeal to create an impressive brand experience.

3D Visualization



Final Installation



3D Visualization



Final Installation



3D Visualization



Final Installation



# ATM Housing

Functional, aesthetically designed ATM enclosures that enhance the customer interaction experience and align with bank identity.



# Projects Pictures

# NATION TOWER- ABU DHABI



# ABU DHABI GOLF CLUB



# SIR BANIYAS ISLAND- ABU DHABI



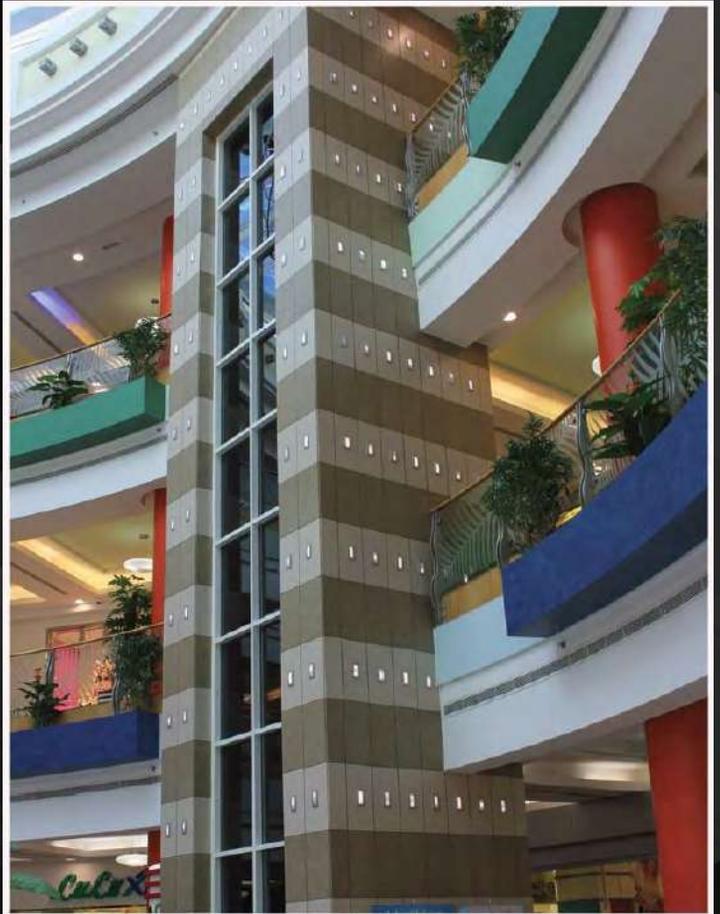
# NOVOTEL-IBIS – ABU DHABI



# AL WAHDA MALL- ABU DHABI



# MAZYAD MALL- ABU DHABI



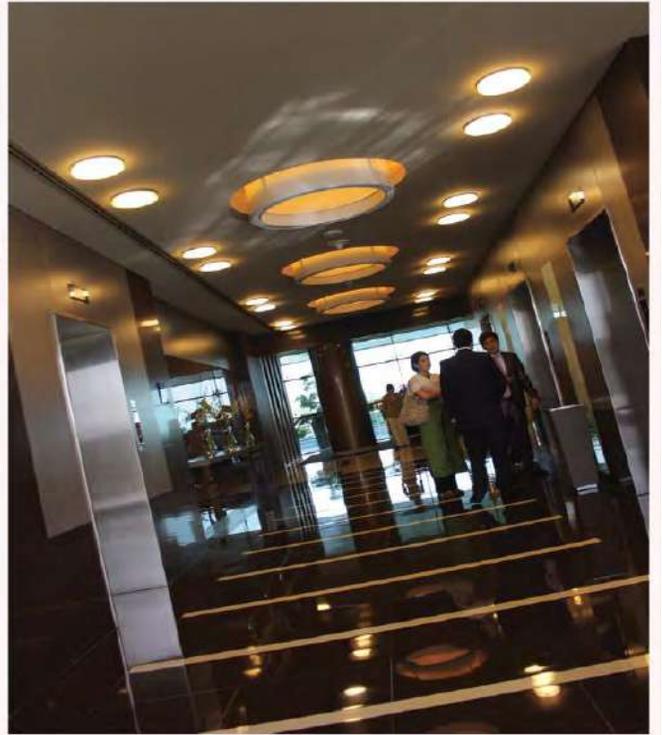
# KHALIDIYA PALACE HOTEL – ABU DHABI



# INTERCONTINANTEL HOTEL – ABU DHABI



# PARK ROTANA HOTEL



# PRIVATE VILLA



# PRIVATE VILLA IN TUNIS



# PRIVATE OFFICE



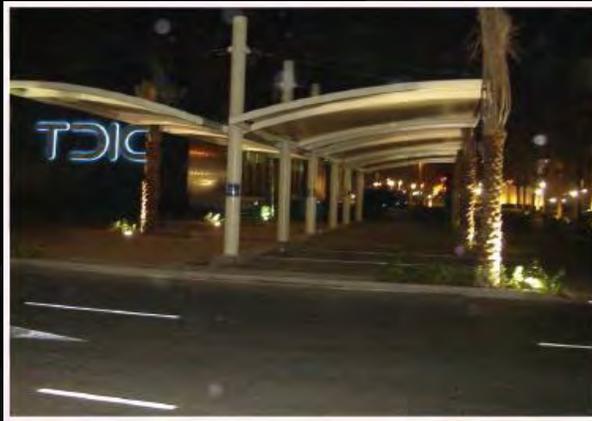
# CENTRO HOTEL



# THE ROYAL HOTEL



# TDIC





# AL FAMILY BUILDING



# SAS AL NAKHIL – ABU DHABI



# ALDAR AL RAHA GARDEN – ABU DHABI



# TDIC SAADIYAT – ABU DHABI



# BATEEN PARK DEVELOPMENT – ABU DHABI



# SOROUH RAYYANA – ABU DHABI



# HILAL BANK – ABU DHABI



# INT'L AIRPORT, ABU DHABI



# AL FORSAN HOTEL - ABU DHABI



# AL FORSAN HOTEL - ABU DHABI



# OCEAN TERRACE AL REEM- ABU DHABI



# CAPITAL CENTER - ABU DHABI



# Approvals



### Document Transmittal

TRANSMITTAL NO : RAM-AP-AIC-MS-ELE-0220 REV : 01 Date: 17-07-2023  
 SUBMITTED TO: PMC (HILL International)/TSC ( KEO International Consultants)  
 For  Approval  Information & Records

| CONTRACT NO. | PROJECT   | CLIENT         | PMC                | TSC | CONTRACTOR |
|--------------|---|----------------|--------------------|-----|------------|
| P200-CNT015  | THE CONSTRUCTION OF INFRASTRUCTURE WORKS FOR RUA AL MADINAH - ADVANCE PACKAGE WORKS | Rua Al Madinah | HILL International | KEO | AICC       |

| ITEM NO. | REFERENCES  | GENERAL DESCRIPTION AND REVISION DETAILS   | TYPE(i) | Disipline (ii) | ACTION CODE (iii) | Remarks |
|----------|-------------|--|---------|----------------|-------------------|---------|
| 1        | P200-CNT015 | Material Submittal for: LandScape lighting fixtures (With accessories: back box and joint/connector)<br>Supplier: Lamla AIKhier Contracting co.<br>Manufacturer: RELCO (ITALY) | MS      | ELE            | B                 |         |

We certify that the items submitted herewith have been reviewed in detail and are in strict conformance with the Contract Drawings and Specifications except as otherwise stated.

|               |  |  |              |   |   |
|---------------|--|--|--------------|---|---|
| Initiated by: | <input checked="" type="checkbox"/> AICC<br><input type="checkbox"/> KEO International<br><input type="checkbox"/> Hill International<br><input type="checkbox"/> Rua Al Madinah | Name: <u>Abdullah Sabry</u><br>Position: <u>Project Manager</u><br>Signature:<br>Date: <u>17-07-2023</u> | Received by: | <input type="checkbox"/> Rua Al Madinah<br><input checked="" type="checkbox"/> Hill International<br><input checked="" type="checkbox"/> KEO International<br><input type="checkbox"/> AICC | Name: _____<br>Position: _____<br>Signature: _____<br>Date: _____ |
|---------------|--|--|--------------|---|---|

#### REMARKS :

Please find comments on comments sheet.  
 Provide Compliance certificate.  
 Material shall be delievred as per approved project specification and installation shall follow all manufacturer's guideline.  
 Provide certificates as requested in PQA to submit for review and approval.

Mohamed Elfadil  
Fayyaz Muhammad

|          |  |  |              |   |   |
|----------|--|--|--------------|---|---|
| Reply By | <input type="checkbox"/> Rua Al Madinah<br><input type="checkbox"/> Hill International<br><input checked="" type="checkbox"/> KEO International<br><input type="checkbox"/> AICC | Name: <u>Adam Idris</u><br>Position: <u>Project Manager</u><br>Signature:<br>Date: <u>22.07.2023</u> | Received by: | <input type="checkbox"/> AICC<br><input type="checkbox"/> KEO International<br><input type="checkbox"/> Hill International<br><input type="checkbox"/> Rua Al Madinah | Name: _____<br>Position: _____<br>Signature: _____<br>Date: _____ |
|----------|--|--|--------------|---|---|

| (i) TYPE:   | (ii) Disipline                                     | (iii) ACTION CODE:  |
|---|--|---|
| <input checked="" type="checkbox"/> MS Material Submittal | GEN General  | A: Approved (No objection)  |
| <input type="checkbox"/> MST Method Statement             | CVL Civil  | <input checked="" type="checkbox"/> Approved with Comments<br>(No objection subject to incorporation of comments as noted)  |
| <input type="checkbox"/> SD: Shop Drawings                | STR Structure                                      | C: Not Approved (Revise and resubmit)   |
| <input type="checkbox"/> ITP Inspection Test Plan         | ARC Architectural                                  | D: Rejected or Canceled   |
| <input type="checkbox"/> PLN Plan                         | MEC Mechanical                                     | <b>Note:</b> Note: Permission to proceed does not constitute acceptance or approval of design details, calculation analyses, test methods or materials developed or selected by the supplier does not relieve the contractor from his contractual obligations |
| <input type="checkbox"/> PQA Precualification Submittal   | <input checked="" type="checkbox"/> ELE Electrical |   |
| <input type="checkbox"/> AS As-Built Drawings             | TEL Telecom  |   |
| <input type="checkbox"/> CV CV (Resume)                   | INS Intrumentation                                 |   |
| <input type="checkbox"/> CT: Certificates                 | QMN:Qulaity  |   |
| <input type="checkbox"/> RT: Report                       | HSE: Health, Safety & Enviro.                      |   |
| <input type="checkbox"/> OT: Others                       |  |   |

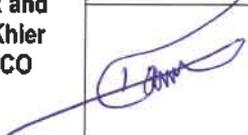


|             |  |              |
|-------------|--|--------------|
| Document No | RAM-AP-AIC-MS-ELE-0220   | Revision: 01 |
| Description | Material Submittal for: Landscape lighting fixtures (With accessories: back box and joint/connector) Supplier: Lamia AlKhier Contracting co. Manufacturer: RELCO (ITALY) |              |

| CONTRACT NO. | PROJECT  | CLIENT         | PMC                | TSC | CONTRACTOR |
|--------------|--|----------------|--------------------|-----|------------|
| P200-CNT015  | THE CONSTRUCTION OF RUA AL MADINAH INFRASTRUCUTRE WORKS- ADVANCE PACKAGE WORKS | RUA AL MADINAH | HILL INTERNATIONAL | KEO | AICC       |

**Document No: RAM-AP-AIC-MS-ELE-0220-01**  
**Material Submittal for: Landscape lighting fixtures**  
**(With accessories: back box and joint/connector)**  
**Supplier: Lamia AlKhier Contracting co.**  
**Manufacturer: RELCO (ITALY)**

**DOCUMENT REVISION HISTORY**

| Rev. No. | Date       | Description  | Prepared   | Checked  | Approved   |
|----------|------------|--|--|--|--|
| 01       | 17-07-2023 | Material Submittal for: Landscape lighting fixtures (With accessories: back box and joint/connector) Supplier: Lamia AlKhier Contracting co. Manufacturer: RELCO (ITALY) | QA/QC Engineer<br> | QA/QC Manager<br> | Project Manager<br> |

[Type here]

|  |  |  |   |
|--|--|--|---|
| <br><b>MIRAL</b><br>CLIENT | <br><b>KBR</b><br>PMC | <br><b>ARCADIS</b><br>CONSULTANT | <br><b>imagineering</b><br><small>MAKING THE MAGIC REAL</small><br>CONTRACTOR |
|--|--|--|---|

**YAS SOUTH DEVELOPMENT  
SKATE PAR PROJECT**

## Material Submittal Cover Sheet

|                                       |   |            |    |             |  |
|---------------------------------------|---|------------|----|-------------|--|
| <b>Doc Ref No:</b>                    | YSD-P01-0805-EL-IMA-MS-000003   | <b>Rev</b> | 01 | <b>Date</b> | 25/08/2020   |
| <b>Discipline</b>                     | <input type="checkbox"/> Civil <input type="checkbox"/> Architecture <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Others : Landscape |            |    |             |  |
| <b>Material Detail</b>                | Distribution Panel Board  |            |    |             | <i>List Of Enclosure</i>   |
| <b>Item Description</b>               | LV Switch Gear Panel  |            |    |             | <input checked="" type="checkbox"/> Vendor's Technical literature                  |
| <b>Specs. / BOQ / Drwg. Reference</b> | ADM STD. SPECIFICATION SECTION 16170 / PART 08 - MISCELLANEOUS WORKS  |            |    |             | <input checked="" type="checkbox"/> Compliance Statement                           |
| <b>Material Specified</b>             | LV Switch Gear Panel  |            |    |             | <input checked="" type="checkbox"/> Previous Test Results                          |
| <b>Material Proposed</b>              | LV Switch Gear Panel  |            |    |             | <input checked="" type="checkbox"/> Copy of the related Specs.                     |
| <b>Manufacturer / Local Supplier</b>  | Schneider Electric- France / Aurora Crystal Lighting Trading Abu Dhabi  |            |    |             | <input type="checkbox"/> Samples   |
| <b>Reason for Alternative</b>         | N/A.  |            |    |             | <input checked="" type="checkbox"/> List of Previous Projects Done                 |
| <b>Remarks</b>                        | <input type="checkbox"/> Variation <input checked="" type="checkbox"/> No Variation   |            |    |             | <input checked="" type="checkbox"/> Others(Specify): Company Profile, Certificates |

|  |   |
|--|---|
| <b>Contractors Authorized Signature &amp; Stamp:</b>   |   |
| <b>Material Engineer:</b><br> | <b>Project Manager:</b><br> |

**Construction Supervision Consultants Comments:**  
*Reviewed and Found ok.  
 contractor to obtain Approval From ADDC.*

|                     |                              |                                       |                            |                            |  |
|---------------------|------------------------------|---------------------------------------|----------------------------|----------------------------|--|
| <b>Status Code</b>  | <input type="checkbox"/> A   | <input checked="" type="checkbox"/> B | <input type="checkbox"/> C | <input type="checkbox"/> D | <input checked="" type="checkbox"/> No Objection |
| <b>Comments By:</b> | <b>Authorized Signature:</b> |                                       | <b>Date:</b>               |                            |  |
| <i>M. SAQIB</i>     | <i>[Signature]</i>           |                                       | <i>30-8-2020</i>           |                            |  |

**PMC Comments:**

- ER to ensure compliance with the project specification
- Subject to ADDC approval

|   |  |   |
|---|--|---|
| <b>Comments By:</b><br><input type="checkbox"/> M <input type="checkbox"/> F <input type="checkbox"/> M | <b>Authorized Signature:</b><br><i>[Signature]</i> | <b>Date:</b><br>31 <input type="checkbox"/> <input type="checkbox"/> 2 <input type="checkbox"/> |
|---|--|---|

**Distribution:**

MIRAL   
  PMC   
  Consultant   
  Contractor



| . Consultant  |   | Client  |  | Contractor   |                 | FORM DT Rev.0   |   |
|---|---|---|--|--|-----------------|---|---|
|                             |   |    |  |  |                 | Client  | Department Of Municipalities and Transport    |
|   |   |   |  |  |                 | Consultant  | Parsons                                       |
|   |   |   |  |  |                 | Contractor  | Al Ryum Contracting and General Transport LLC |
| Project   | Rehabilitation of Agricultural Assets in Zayed city at Parks, Pocket Parks (1,2,5&6), Kids and Women Park   |   |  | Contract No.   | KCA/CR/010/2022 |   |   |
| Transmittal Ref. No.  | DMT-KCA5-ARC-ELE-MAT-0054-00  |   |  | Date   | 18-06-2022      |   |   |
| Transmittal is Issued for your  | <input type="checkbox"/> Information <input type="checkbox"/> Co-ordination <input type="checkbox"/> Review & Comments <input checked="" type="checkbox"/> Approval |   |  |  |                 |   |   |
| Doc. Type   | <b>MATERIAL SUBMITTAL</b>   |   |  |  |                 |   |   |
| <input type="checkbox"/> Civil  |   | <input checked="" type="checkbox"/> Electrical                                      |  | <input type="checkbox"/> Water   |                 | <input type="checkbox"/> Stormwater   |   |
|   |   |   |  |  |                 | <input type="checkbox"/> Sewer  |   |
|   |   |   |  |  |                 | <input type="checkbox"/> Irrigation/ Land Scaping                                     |   |
| <b>I. Information</b>   |   |   |  |  |                 |   |   |
| SN  | Title   |   |  | No.  | Revision        | Remarks   |   |
| 1.  | Material Submittal for Landscape Light Fittings (P1a, P1b, P1c, P3a, P3b, U1 & S1)  |   |  | N/A  | 00              | N/A   |   |
| <b>II. For the Contractor</b>   |   |   |  |  |                 |   |   |
| Eng. Emad Salam   |   |    |  | 18.06.2022   |                 |   |   |
| Name  |   |   |  | Signature  |                 |   |   |
| <b>III. Received By Consultant</b>  |   |   |  |  |                 |   |   |
|   |   |   |  |  |                 | Stamp   |   |
| Name  |   | Signature   |  | Date   |                 |   |   |
| <b>IV. Consultant Review and Comments</b>   |   |   |  |  |                 |   |   |
| <p>_____</p> <p>_____ please refer to the attached comment sheet</p> <p>_____</p> <p>_____</p> <p>_____</p> |   |   |  |  |                 |   |   |
|   |   |   |  | Checked By:  |                 | Date: Time:   |   |
| <input type="checkbox"/> A - Approved   |   | <input checked="" type="checkbox"/> B - Approve as Noted                            |  | <input type="checkbox"/> C - Resubmit  |                 | <input type="checkbox"/> D - Not Approved   |   |
| <b>V. For Consultant</b>  |   |   |  |  |                 |   |   |
| Khaled AlSadeq  |   |  |  | 23-6-22  |                 |  |   |
| Resident Engineer   |   |   |  | Signature  |                 |   |   |
| <b>VI. Received by Contractor</b>   |   |   |  |  |                 |   |   |
|   |   |   |  |  |                 | Stamp   |   |
| ARC Representative  |   | Signature   |  | Date   |                 |   |   |

Note: This Approval does not relieve the contractor from any of his contractual obligations

| . Consultant  |   | Client  |  | Contractor   |                 | FORM DT Rev.0   |   |
|---|---|---|--|--|-----------------|---|---|
|                             |   |    |  |  |                 | Client  | Department Of Municipalities and Transport    |
|   |   |   |  |  |                 | Consultant  | Parsons                                       |
|   |   |   |  |  |                 | Contractor  | Al Ryum Contracting and General Transport LLC |
| Project   | Rehabilitation of Agricultural Assets in Zayed city at Parks, Pocket Parks (1,2,5&6), Kids and Women Park   |   |  | Contract No.   | KCA/CR/010/2022 |   |   |
| Transmittal Ref. No.  | DMT-KCA5-ARC-ELE-MAT-0055-00  |   |  | Date   | 18-06-2022      |   |   |
| Transmittal is Issued for your  | <input type="checkbox"/> Information <input type="checkbox"/> Co-ordination <input type="checkbox"/> Review & Comments <input checked="" type="checkbox"/> Approval |   |  |  |                 |   |   |
| Doc. Type   | <b>MATERIAL SUBMITTAL</b>   |   |  |  |                 |   |   |
| <input type="checkbox"/> Civil  |   | <input checked="" type="checkbox"/> Electrical                                      |  | <input type="checkbox"/> Water   |                 | <input type="checkbox"/> Stormwater   |   |
|   |   |   |  |  |                 | <input type="checkbox"/> Sewer  |   |
|   |   |   |  |  |                 | <input type="checkbox"/> Irrigation/ Land Scaping                                     |   |
| <b>I. Information</b>   |   |   |  |  |                 |   |   |
| SN  | Title   |   |  | No.  | Revision        | Remarks   |   |
| 1.  | Material Submittal for Landscape Light Fittings (P2a, P2b & B1)   |   |  | N/A  | 00              | N/A   |   |
| <b>II. For the Contractor</b>   |   |   |  |  |                 |   |   |
| Eng. Emad Salam   |   |   |  | 18.06.2022   |                 |   |   |
| Name  |   |   |  | Signature  |                 |   |   |
| <b>III. Received By Consultant</b>  |   |   |  |  |                 |   |   |
|   |   |   |  |  |                 | Stamp   |   |
| Name  |   | Signature   |  | Date   |                 |   |   |
| <b>IV. Consultant Review and Comments</b>   |   |   |  |  |                 |   |   |
| <p>_____</p> <p>_____ please refer to the attached comment sheet</p> <p>_____</p> <p>_____</p> <p>_____</p> |   |   |  |  |                 |   |   |
|   |   | Checked By:   |  | Date:  |                 | Time:   |   |
| <input type="checkbox"/> A - Approved   |   | <input checked="" type="checkbox"/> B – Approve as Noted                            |  | <input type="checkbox"/> C - Resubmit  |                 | <input type="checkbox"/> D – Not Approved   |   |
| <b>V. For Consultant</b>  |   |   |  |  |                 |   |   |
| Khaled AISadeq  |   |  |  | 23-6-22  |                 |  |   |
| Resident Engineer   |   |   |  | Signature  |                 |   |   |
| <b>VI. Received by Contractor</b>   |   |   |  |  |                 |   |   |
|   |   |   |  |  |                 | Stamp   |   |
| Arc Representative  |   | Signature   |  | Date   |                 |   |   |

Note: This Approval does not relieve the contractor from any of his contractual obligations

| . Consultant  |   | Client  |  | Contractor   |                 | FORM DT Rev.0   |   |
|---|---|---|--|--|-----------------|---|---|
|                                       |   |    |  |  |                 | Client  | Department Of Municipalities and Transport    |
|   |   |   |  |  |                 | Consultant  | Parsons                                       |
|   |   |   |  |  |                 | Contractor  | Al Ryum Contracting and General Transport LLC |
| Project   | Rehabilitation of Agricultural Assets in Zayed city at Parks, Pocket Parks (1,2,5&6), Kids and Women Park   |   |  | Contract No.   | KCA/CR/010/2022 |   |   |
| Transmittal Ref. No.  | DMT-KCA5-ARC-ELE-MAT-0053-00  |   |  | Date   | 17-06-2022      |   |   |
| Transmittal is Issued for your  | <input type="checkbox"/> Information <input type="checkbox"/> Co-ordination <input type="checkbox"/> Review & Comments <input checked="" type="checkbox"/> Approval |   |  |  |                 |   |   |
| Doc. Type   | <b>MATERIAL SUBMITTAL</b>   |   |  |  |                 |   |   |
| <input type="checkbox"/> Civil  |   | <input checked="" type="checkbox"/> Electrical                                      |  | <input type="checkbox"/> Water   |                 | <input type="checkbox"/> Stormwater   |   |
|   |   |   |  | <input type="checkbox"/> Sewer   |                 | <input type="checkbox"/> Irrigation/ Land Scaping                                     |   |
| <b>I. Information</b>   |   |   |  |  |                 |   |   |
| SN  | Title   |   |  | No.  | Revision        | Remarks   |   |
| 1.  | Material Submittal for Steel Pole for Lights  |   |  | N/A  | 00              | N/A   |   |
| <b>II. For the Contractor</b>   |   |   |  |  |                 |   |   |
| Eng. Emad Salam   |   |   |  | 17.06.2022   |                 |   |   |
| Name  |   | Signature   |  | Date   |                 |   |   |
| <b>III. Received By Consultant</b>  |   |   |  |  |                 |   |   |
|   |   |   |  |  |                 | Stamp   |   |
| Name  |   | Signature   |  | Date   |                 |   |   |
| <b>IV. Consultant Review and Comments</b>   |   |   |  |  |                 |   |   |
| SUBJECT TO ARCHITECT\CLIENT APPROVAL & Structural calculation review & APPROVAL (Attached) and complying the comments |   |   |  |  |                 |   |   |
| Checked By: _____ Date: _____ Time: _____   |   |   |  |  |                 |   |   |
| <input type="checkbox"/> A - Approved   |   | <input checked="" type="checkbox"/> B – Approve As Noted                            |  | <input type="checkbox"/> C - Resubmit  |                 | <input type="checkbox"/> D – Not Approved   |   |
| <b>V. For Consultant</b>  |   |   |  |  |                 |   |   |
| Khaled AlSadeq  |   |  |  | 30-6-22  |                 |  |   |
| Resident Engineer   |   | Signature   |  | Date   |                 |   |   |
| <b>VI. Received by Contractor</b>   |   |   |  |  |                 |   |   |
| Arc Representative  |   | Signature   |  | Date   |                 |   |   |

Note: This Approval does not relieve the contractor from any of his contractual obligations



## Conditions

الشروط

- 1) This approval is only for material aspects of LED SPIKE LIGHT with Model No MINI SONIC-GEAR, 5931-6-3-901-02, 12W, IP-66 and DRIVER as specified in ADQCC certificate with Manufacturer M/s UNILAMP CO, THAILAND and supply by M/s Aurora Crystal Lighting, Abu Dhabi as per project specification. Additionally, we noted Consultant confirmation for offered material.
- 2) This approval does not include lighting design parameters, calculation aspects and architecture view/shape which shall be as per ADM design section approval, also this approval is valid if all the conditional approval parameters shall be implemented including Factory Routine Test, certificate of origin, bill of landing, Surge Arrester (as specified clause No.3.3.14) Over & above of built-in type in the driver, also and Consultant's engineer shall check and confirm that the deliver materials are complying with project specifications & requirements.
- 3) Manufacturer's performance warranty to the asset owner upon handover should be submitted as per project requirements & specification, all Fasteners, fixing hardware, hinges and accessories shall be suitable with a corrosion-resistant material, as specified in Abu Dhabi Standards that is Stainless steel grade 316 or better.
- 4) The contractor will be fully responsible for any potential contractual impact (time or financial) on the project due the country of origin of the proposed material, in case of existing or new regulations imposed by international or local authorities for the importation of materials from the proposed source.
- 5) Note: The supervision consultant is fully responsible to ensure that the necessary ADM "Design Approvals" for the project have already been obtained through the SmartHub (IDAS) system, prior to submission of Material Approval requests during the construction phase.

Final Recommendation:

Approved

التوصية النهائية:

Technical Reviewer:

سيد نوحاد على سيد على اكثر

المراجع الفني:





نموذج اعتماد مواد

## Material Approval Form

Application No: 202100910799

Version: 2

Date: 2021-06-30

| Project Details                                | بيانات المشروع  |
|--|---|
| Project Name                                   | تشغيل وصيانة أصول التجميل الطبيعي وشبكة الري المحلية في نطاق مركز بلدية المصفح<br>عقد رقم M 201/1   |
| Contract No                                    | اسم المشروع<br>Operation & Maintenance For Landscape Assets & Local Irrigation Networks at Mussafa Municipality Center Limits – Contract M201/1 |
| Contractor                                     | رقم العقد<br>M201/1   |
| Consultant                                     | اسم المقاول<br>اسم الاستشاري<br>دورس هولدينج جي أم بي أنش - ابوظبي<br>DORSCH HOLDING G M B H - ABU DHABI  |
| Client   | اسم المالك<br>دائرة البلديات والنقل - بلدية مدينة ابوظبي<br>DEPARTMENT OF MUNICIPALITIES AND TRANSPORT- ABU DHABI CITY MUNICIPALTY              |
| Material Details                               | تفاصيل المادة   |
| Material Type                                  | نوع المادة<br>مواد إلكتروميكانيكية  |
| Spec. Ref.                                     | الرقم المرجعي للمواصفات<br>DMA Lighting specification part-2 section A Lighting of Parks and public realm                                       |
| BOQ Ref  | الرقم المرجعي لقائمة جدول الكميات<br>Work order No.13<br>BOQ item no: 9.2   |
| Material Description<br>(One/ make, model etc) | وصف المادة (نوع المادة ، مصنعة من ، الموديل)<br>Spike Light   |
| Intended Usage                                 | الغرض من الاستخدام<br>Landscaping   |
| Manufacturer/ Source                           | المصدر / المصنع<br>M/s. Unilamp Co.LTD  |
| Supplier/Applicator                            | المورد / المطبق<br>M/s. Unilamp Co.LTD<br>M/s. Aurora Crystal & Lighting Trading<br>M/s. Aurora Crystal & Lighting Trading                      |
| Sub-Contractor                                 | المقاول الفرعي<br>الريوم للمقاولات والنقل العامة ذ.م.م<br>AL RYUM CONTRACTING & GENERAL TRANSPORT .L.L.C  |

13215  
2021-07-01 16:15



2 من 1 صفحة





### Conditions

الشروط

- 1) This approval is only for material aspects of LED LUMINAIRES SPIKE LIGHT with Model No MINI SONIC-GEAR, 5931-6-3-901, 12W, IP-66 and DRIVER as specified in ADQCC certificate with Manufacturer M/s UNILAMP CO, THAILAND and supply by M/s Aurora Crystal Lighting, Abu Dhabi as per project specification. Also this approval is only applicable to ADM Work Order No. 13 BOQ No 9.2 (ADM/MU-TSM/OUT/2021/368 dated February 14, 2021) and is NOT APPLICABLE to any other work order, unless approved in writing by ADM-MQS.
- 2) This approval does not include lighting design parameters, calculation aspects and architecture view/shape which shall be as per ADM design section approval, also this approval is valid if all the conditional approval parameters shall be implemented including Factory Routine Test, certificate of origin, bill of landing, Surge Arresters as specified clause No.3.3.14 Over & above of built-in type in the driver, Consultant's engineer shall check and confirm that the deliver materials are complying with project specifications & requirements.
- 3) Manufacturer's performance warranty to the asset owner upon handover should be submitted as per project requirements & specification, all Fasteners, fixing hardware, hinges and accessories shall be suitable with a corrosion-resistant material, as specified in Abu Dhabi Standards that is Stainless steel grade 316 or better. Additionally, we noted consultant confirmation for offered material is fully complying specification.
- 4) The contractor will be fully responsible for any potential contractual impact (time or financial) on the project due the country of origin of the proposed material, in case of existing or new regulations imposed by international or local authorities for the importation of materials from the proposed source.
- 5) Note: The supervision consultant is fully responsible to ensure that the necessary ADM "Design Approvals" for the project have already been obtained through the SmartHub (IDAS) system, prior to submission of Material Approval requests during the construction phase.

Final Recommendation:

Approved

التوصية النهائية:

Technical Reviewer:

سيد نوحاد على سيد على اكثر

المراجع الفني:





نموذج اعتماد مواد

Material Approval Form

Application No: 202100904641

Version: 2

Date: 2021-06-29

Project Details

| بيانات المشروع |  |
|----------------|--|
| Project Name   | مشروع جنوب الرياض المرحلة الاولى \ الحي الاول<br>Riyadh south Development Phase 1 \ N1 |
| Contract No    | MODON0060\2018   |
| Contractor     | الوطنية للمشاريع والتعمير - ذ م م<br>NATIONAL PROJECTS & CONSTRUCTION - L L C          |
| Consultant     | اركاديس كونسلتنج ميدل ايست ليمتد<br>ARCADIS CONSULTING MIDDLE EAST LIMITED             |
| Client         | مدن العقارية ش.م.ع.<br>.MODON PROPERTIES P.J.S.C                                       |

Material Details

| تفاصيل المادة                                     |  |
|---|--|
| Material Type                                     | مواد ري و تجميل حدائق  |
| Spec. Ref.  | Section 265600   |
| BOQ Ref   | BOQ-15.17.2  |
| Material Description<br>(One/ make, model<br>etc) | LightFixture(LL2),130275.5L112.081,35W,4500LM,400<br>0K,IP66-1K10,OsramDriverOT75/170-<br>240/1A01D1MLT2G1CE |
| Intended Usage                                    | Landscape Works for Pole Light Light Fixture(LL2)<br>AVENIDA LENS LED  |
| Manufacturer/ Source                              | لق لايت فاكنتوري المحدودة<br>LUG Light Factory Ltd   |
| Supplier/Applicator                               | الفجر لتجارة الثريات وأدوات الإنارة<br>Aurora Crystal & Lightings Tradings                                   |
| Sub-Contractor                                    | غنتوت لتجميل الأراضي - شركة الشخص الواحد ذ م م<br>GHANTOOT LAND SCAPING - SOLE<br>PROPRIETORSHIP L.L.C       |





## Conditions

الشروط

- 1) This approval is only for material aspects of LED LUMINARIES Avenida Lens LED with Model No: 130275.5L112.081, 35W, 4000K, IK10, IP66 along with DRIVER as specified in ADQCC certificate as Manufactured by M/s LUG Light factory, Poland and supply by M/s Aurora Crystal Lighting, Abu Dhabi as per project specification. Additionally, we noted consultant confirmation for offered material.
- 2) This approval does not include lighting design parameters, calculation aspects and architecture view/shape which shall be as per ADM design section approval, also this approval is valid if all the conditional approval parameters shall be implemented including Factory Routine Test, certificate of origin, bill of landing, Surge Arrester (as specified clause No.3.3.14) Over & above of built-in type in the driver, also and Consultant's engineer shall check and confirm that the deliver materials are complying with project specifications & requirements.
- 3) Manufacturer's performance warranty to the asset owner upon handover should be submitted as per project requirements & specification, all Fasteners, fixing hardware, hinges and accessories shall be suitable with a corrosion-resistant material, as specified in Abu Dhabi Standards that is Stainless steel grade 316 or better. This approval is VALID Specific for this project Only (Riyadh south Development Phase-1\N1)
- 4) The contractor will be fully responsible for any potential contractual impact (time or financial) on the project due the country of origin of the proposed material, in case of existing or new regulations imposed by international or local authorities for the importation of materials from the proposed source.
- 5) Note: The supervision consultant is fully responsible to ensure that the necessary ADM "Design Approvals" for the project have already been obtained through the SmartHub (IDAS) system, prior to submission of Material Approval requests during the construction phase.

Final Recommendation:

Approved

التوصية النهائية:

Technical Reviewer:

سيد نوحاد على سيد على اكثر

المراجع الفني:



ADCE →

P345

ABU DHABI COMMERCIAL ENGINEERING SERVICES  
REQUEST FOR APPROVAL OF SPECIFIED MATERIALS



Project Name: **H.E. Faris Khalafan Buhumaid Almazrouei**  
Consultant: **Hannover Consulting Engineers**  
Contractor: **Al Mezin Contracting**

File No. **1238**  
Ref No. **AMC/RBW7/MS/E/011-R01**  
Date **12-Mar-20**

Structural  Architectural  Electromechanical  Others

**Item description : Material Submittal for Interior & Exterior Lights Fixtures**

| List of Supplier/ Manufacturer as per specification | References (pages and item numbers) in: |
|---|---|
| 1- Aurora Lighting - Italy / Europe                 | 1- BOQ                                  |
| 2- Project and Supplies - Italy                     | 2- Particular Specs.                    |
| 3- Cinmar Lighting - Finland/Sylvania               | 3- General Specs.-                      |
| 4-  | 4- Drawings                             |

المزمن للمقاولات العامة  
**Al Mezin Gen. Contracting**  
القسم الهندسي  
القسم الكهربائي  
Faris Khalaf Khalaf Buhumaid Almazrouei  
فارس خلف بوهويد المزروعى  
Project No. 227 رقم المشروع 227

**Submitted Material Details**

Supplier/ Manufacturer Name: **Aurora Lighting Trd.** Catalogue No.  
Brand Name: **M Design** Reference pages in the catalogue  
Applicator name: **Al Mezin Gen Con.** Model/ Article Nos.

Remarks

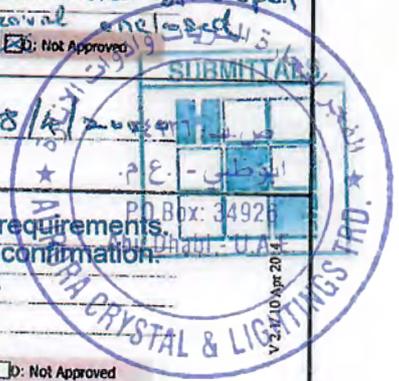
Originator of the submittal/ Eng.: **Khaled Al-Qadhi** Mob. No. **0552273900**  
Contractor Authorizes signature: \_\_\_\_\_ Date: **12-Mar-20**

The Contractor Statement: We certify that the materials submitted herewith has been reviewed in details and in compliance with the contract drawing and specifications except as otherwise stated hereabove.

Consultant Comments: *Approved as per reply to previous HCE comments. Deviation of voltage for Type C, F, FL, HA, H2 lesser from tender reviewed as per lux study enclosed. ADCE registration certificate renewal under talking letters enclosed in section E. Sample submission to be submitted in site office upon ADCE approval for final acceptance. POP consultant approval enclosed.*

A: Approved  B: Approved as noted  C: Revise & Resubmit  D: Not Approved

Reviewer of the submittal: Eng. \_\_\_\_\_ Mob. No. \_\_\_\_\_  
Consultant Authorizes signature: \_\_\_\_\_ Date: **8/12/2020**  
Approval or Comments does not relieve the contractor from his contractual obligations & responsibilities



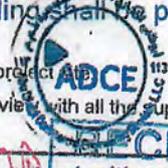
ADCE (Abu Dhabi Commercial Engineering) Received

1. Follow consultant comments, tender documents and ESTIDAMA requirements.
2. External light color temperature subject to architecture engineers confirmation.
3. Light outlet shall be with ceiling rose, lamp holder and LED lamp.
4. 5% spare light fixtures, LED lamps and drivers to be provided.
5. 3 years warranty certificate to be submitted from TOC

A: Approved  B: Approved as noted  C: Revise & Resubmit  D: Not Approved

6. Country of original certificates and bill of landing shall be provided.  
Date: **12-05-2020**  
**Majdi Yousef**

All the supportive documents must be presented and filed at project site.  
The Alternative materials should be submitted to ADCE for review with all the supportive documents, Original catalogues and compliance chart



7. The light fitting location and types shall be matched with approved RCP layout.
8. RCP layouts and types shall be approved to confirm light fitting types.
9. Sample board shall be provided along with part number, IP rating color and country of origin for final approval.

**ABU DHABI COMMERCIAL ENGINEERING SERVICES**  
**REQUEST FOR APPROVAL OF SPECIFIED MATERIALS**

Project Name: **COMMERCIAL RESIDENTIAL BUILDING FOR MR. KHALED ABDULLA ALI SHAIBAN AL MEHAIRI** File No. 1484  
 Consultant: **HANNOVER CONSULTING ENGINEERS** Ref No. **ASQ/MTS/EL/2020/020 REV-02**  
 Contractor: **ASQALAN CONSTRUCTION & DEVELOPMENT LLC** Date **18-May-20**

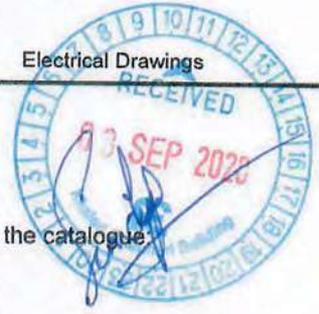
S:Structural  A:Architectural  E:Electromechanical  O:Others

Item description : **LIGHT FIXTURES (Revised As Per Letter Ref No. P325/0709/20)**

| List of Supplier/ Manufacturer as per specification | References (pages and item numbers) in: |
|---|---|
| 1- M DESIGN   | 1- BOQ 16.9 (P86, 87 & 88)              |
| 2- CIELO  | 2- Particular Specs. 16521              |
| 3- SWITCHMADE                                       | 3- General Specs.                       |
|   | 4- Drawings Electrical Drawings         |

**Submitted Material Details**

Supplier/ Manufacturer Name: **M/S AURORA LIGHTING** Catalogue No.  
 Brand Name: **M DESIGN** Reference pages in the catalogue  
 Applicator name: **ASQALAN** Model/ Article Nos.  
 Remarks: **ORIGIN : ITALY / EUROPE**



Originator of the submittal/ Eng.: **ENGR. SHAREEF KALLAN** Mob. No. 050-5265278  
 Contractor Authorizes signature: \_\_\_\_\_ Date: 18-May-20

The Contractor Statement: We certify that the materials submitted herewith has been reviewed in details and in compliance with the contract drawing and specifications except as otherwise stated hereabove.

Consultant Comments: *Approved as per attached reply to previous consultants comments compliance, P&P consultant Ms. Fouad Build approval attached ref: ASQ-MTS-EL-2019-002 Rev (1)*

A: Approved  B: Approved as noted  C: Revise & Resubmit  D: Not Approved

Reviewer of the submittal: Eng. \_\_\_\_\_ Mob. No. 116  
 Consultant Authorizes signature: \_\_\_\_\_ Date: 1/6  
 Approval or Comments does not relieve the contractor from his contractual obligations & responsibilities



**ADCE (Abu Dhabi Commercial Engineering) Received**  
 - deviation from tender drawings and specification should be considered as VE  
 - samples to be provided for final approval  
 - warranty as per specification with should be provided  
 - spare parts should be provided as per specifications - country of origin certificate to be provided

A: Approved  B: Approved as noted  C: Revise & Resubmit  D: Not Approved

Date: \_\_\_\_\_

All the supportive documents must be presented and filed at project site.  
 The Alternative materials should be submitted to ADCE for review with all the supportive documents  
 Original catalogues and compliance chart



*Handwritten signature*



TRUE COPY

Eng. Chandran



ABU DHABI COMMERCIAL ENGINEERING SERVICES  
REQUEST FOR APPROVAL OF SPECIFIED MATERIALS

Project Name: **COMMERCIAL BUILDING FOR MR. RASHED LAHEJ  
NASSER SAEED AL MANSOURI** File No. 1485  
 Consultant: **HANNOVER CONSULTING ENGINEERS** Ref No. ASQ/MTS/EL/2019/025  
 Contractor: **ASQALAN CONSTRUCTION & DEVELOPMENT LLC** Date 31-Jan-19

S: Structural  A: Architectural  E: Electromechanical  O: Others

Item description : LIGHT FIXTURES

List of Supplier/ Manufacturer as per specification

References (pages and item numbers) in:

- |                                |                      |                     |
|--------------------------------|----------------------|---------------------|
| 1- As Per Attached List of LOM | 1- BOQ               | Page No. 78 to 81   |
| 2-                             | 2- Particular Specs. | Section 16521       |
| 3-                             | 3- General Specs.    |                     |
| 4-                             | 4- Drawings          | Electrical Drawings |

Submitted Material Details

Supplier/ Manufacturer Name: **M/S AURORA LIGHTING** Catalogue No.  
 Brand Name: **M Design/PUK** Reference pages in the catalogue:  
 Applicator name: **AURORA LIGHTING** Model/ Article Nos.  
 Remarks: **Origin: Italy/Europe**

Originator of the submittal/ Eng.: **ENGR. SHAREEF KALLAN** Mob. No. 13 052 1047868  
 Contractor Authorizes signature: Date: 31 Jan 19



The Contractor Statement: We certify that the materials submitted herewith has been reviewed in details and in compliance with the contract drawing and specifications except as otherwise stated hereabove.

Consultant Comments:

A: Approved  B: Approved as noted  C: Revise & Resubmit  D: Not Approved

Reviewer of the submittal: Eng. Mob. No.  
 Consultant Authorizes signature: Date:

Approval or Comments does not relieve the contractor from his contractual obligations & responsibilities

ADCE (Abu Dhabi Commercial Engineering) Received

A: Approved  B: Approved as noted  C: Revise & Resubmit  D: Not Approved

Date: \_\_\_\_\_

All the supportive documents must be presented and filed at project site.  
Alternative materials should be submitted to ADCE for review with all the supportive documents



Tuesday 10<sup>th</sup> July 2018

**M/s Abu Dhabi Commercial Engineering Services LL (ADCE)**

P.O.Box: 939, Abu Dhabi, UAE

Tel : 00971 2 696 3777

Fax: 00971 2 610 9785/3

**File No : 320**

**PEC No : P1031AD**

**Client : Heirs of Mr Ali Balkhasawani Balmur AL Mansoori**

**Project : Residential Building**

**Location : Sector SW6-1, Plot No C- 4Khalifa City, City Abu Dhabi UAE.**

**Subject : Fw; Lux Calculations for Light Fittings**

Dear Sir,

Reference is made to the captioned subject; we are sending herewith the following submittals for your kind review and approval:

| Sr | Subject                                    | Submittal Ref | Pec comments      |
|----|--|---------------|-------------------|
| 1  | <b>Lux Calculations for Light Fittings</b> | TJN-ELEC-0 25 | Approved as Noted |

Please advised and we are waiting for you directives and kind approval.

In the event that additional information or clarification is required please do not hesitate to contact our office at your convenience.

This is for your information and action.

Best Regards,

Engr, Mohammed Rabiee  
MEP Director  
Pioneer Engineering Consultancy L.L.C.



Attachments:  
- 01 Hard Copy  
- Soft Copy-CD

Transmission Method:

E-Mail

Messenger

Fax

for Collection



**ABU DHABI COMMERCIAL ENGINEERING SERVICES  
REQUEST FOR APPROVAL OF SPECIFIED MATERIALS**

Project Name: **Commercial Bldg. of Mr. Bakheet Al Mansoori** Plot C4 **320**  
 Consultant: **Pioneer Engineering Consultancy** Ref No. **TJN-ELEC-25-00**  
 Contractor: **Teejan Trd. & Cont.** Date **3-Jul-2018**

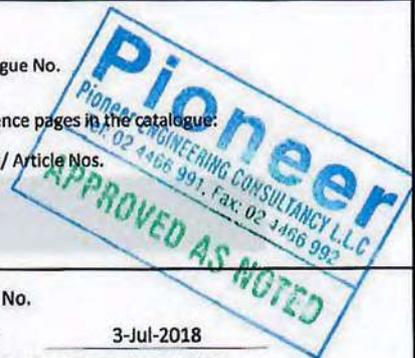
S:Structural     A:Architectural     E:Electromechanical     O:Others

Item description :    **Lux Calculations for light fittings**

| List of Supplier/ Manufacturer as per specification |  | References (pages and item numbers) in: |           |
|---|--|---|-----------|
| 1-  | Gulf Electronics Company / Philips                 | 1- BOQ                                  | Div-16    |
| 2-  | Electrical Lighting Co. LLC (Elitco) / Switch Made | 2- Particular Specs.                    | -         |
| 3-  | THORN GULF AD / Thorn                              | 3- General Specs.                       | 16510     |
| 4-  |  | 4- Drawings                             | Elec Drgs |

**Submitted Material Details**

Supplier/ Manufacturer Name: **Aurora / MD, LUTEC, BROADWAY-UK, PROLED, TRYKA,** Catalogue No. \_\_\_\_\_  
 Brand Name: **MD, LUTEC, BROADWAY-UK, PROLED, TRYKA** UAE Reference pages in the catalogue: \_\_\_\_\_  
 Applicator name: **TJN** Model/ Article Nos. \_\_\_\_\_  
 Remarks \_\_\_\_\_



Originator of the submittal/ Eng. \_\_\_\_\_ Mob. No. \_\_\_\_\_  
 Contractor Authorizes signature: \_\_\_\_\_ Date: **3-Jul-2018**  
 The Contractor Statement: We certify that the materials submitted herewith has been reviewed in details and in compliance with the contract drawing and specifications except as otherwise stated hereabove.

Consultant Comments:

→ **FINAL APPROVAL RELATED TO ADCE / ADCE APPROVAL**  
 → **FOLLOW PROJECT SPECIFICATIONS**

A: Approved     B: Approved as noted     C: Revise & Resubmit     D: Not Approved

Reviewer of the submittal: Eng. *[Signature]* Mob. No. \_\_\_\_\_  
 Consultant Authorizes signature: \_\_\_\_\_ Date: **07/06/2018**  
 Approval or Comments does not relieve the contractor from his contractual obligations & responsibilities

ADCE (Abu Dhabi Commercial Engineering) Received

A: Approved     B: Approved as noted     C: Revise & Resubmit     D: Not Approved

Date: \_\_\_\_\_

All the supportive documents must be presented and filed at project site.

The Alternative materials should be submitted to ADCE for review with all the supportive documents, Original catalogues and compliance chart



CONSULTANT



### ALTERNATIVE MATERIALS APPROVAL FORM

Project Name: Construction, Completion and Maintenance of a Proposed Commercial Building for Heirs of Nassib Ahmed Mohamed Al Hamiri

Consultant: Heberger Engineering Consulting Engineers

Contractor: Alba Tec Construction & Development

File No. 1380

Ref No. J203-ALTMAT-021-R01

Date: 22-Sep-19

Materials  Subcontractor

Subject: INTERIOR LIGHT FITTINGS

Reason of submitting the alternative:

Manufacturer (SG) confirmed that they are not manufacturing in Europe (letter attached)

Only LED E27 bulbs in bed room are from osram-Germany since LED bulbs are not available in the brands of vendor list.

Alternative

Comparison Details

SG - CHINA (MANUFACTURING)  
OSRAM - GERMANY



Mof/Place - Europe  
Architect - Europe  
MCI - Europe  
SG - Europe



Attachment:

Proof of Reason  Technical comparison sheet

Catalogue/Company profile  contract supporting document

Originator of the submittal



Mob. No.055 435 0101

Contractor Authorizes signature:

Date:

22-Sep-19

CONSULTANT COMMENTS:

No Objection subject to incorporation of All Comments as noted in Attached

A: Approved  B: Approved as noted  C: Revise & Resubmit  D: Not Approved

Reviewer of the submittal/ Eng :



Consultant Authorizes signature:

Date:

ADCE COMMENTS:

- Follow consultant comments & Tender documents

- Approval subject to cost saving 100,000 AED or Tender LOM.



A: Approved  B: Approved as noted  C: Revise & Resubmit  D: Not Approved

Engineering Unit

Date:

\* (Approval does not release the Contractor from his contractual obligations and responsibilities)



14-10-2019



مستشفى دانة الإمارات  
Danat Al Emarat Hospital  
WOMEN & CHILDREN  
انساء و الاطفال

Project:  
Danat Al Emarat Hospital  
South Tower

U MEDICAL  
Healthcare Management & Engineering



CLIENT: United Eastern Medical Services (UEMS)  
CONSULTANT: Amar Golden Design LLC  
CONTRACTOR: Eastern International L.L.C



**TECHNICAL DOCUMENT SUBMITTAL**

Submittal No. DAEH-ST-TS-PQ-136

Rev. 00

Date: 26 December 2019

Trade:  Civil  Arch  Mech  Elec  Other

**Type of Works:**

Method of Statement  Calculation  Pre-Qualification  Test Report  Quality  Monthly Report  
 Weekly Report  Test Certificate  Documents (Other)

**From:**

Eastern International L.L.C

Mr. Amjad Salous - Project Manager

**To:**

Amar Golden Design LLC  
P.O. Box 62546, Abu Dhabi, U.A.E.

**Attn:**

Mr. Alaa Khorshid - Resident Engineer

Description

Company Pre-Qualification Submittal for M/s. Aurora Crystal Lighting Trading - Light Fittings

We confirm that the submitted documents complies with the related project specifications and contractual obligations.

Issued by Contractor Originator / M/s. I Zone Electromechanical Contractors LLC

Signature and Date of Contractor (PM)

Signature and Date of Receipt of the Consultant

25 DEC 2019

FOR THE CONSULTANT

RECEIVED

A - Approved

C - Rejected, Revise and Resubmit

B - Approved as Noted with Comment

F - For Information and Records Only

Consultant's Remarks:

\* NO OBJECTION.

\* SUBMIT TWO ALTERNATE SUPPLER.

Consultants Representative Signature and Date:

Received by Contractor; Signature, Date and Stamp



Signature and Date: 06/11/2020  
Signature: Alaa  
Date: 6/11/20

Client:    
 دائرة التخطيط العمراني والمunicipalities  
 DEPARTMENT OF URBAN PLANNING  
 AND MUNICIPALITIES

Consultant: 

Main Contractor: 

Contract Title: DPM Ghadan 21 - Quick Wins Wave 1, City Colour Wave 1 & Verge Parks Pilot

Contract No.: 2019\_047\_CON

|                             |         |                      |
|-----------------------------|---------|----------------------|
| <b>MATERIAL SUBMITTAL :</b> | Ref.No. | P282-MAT-CTS-EL-0006 |
|                             | Rev.No. | 0                    |

|                          |  |          |            |
|--------------------------|--|----------|------------|
| Originator of Submittal: | Aperture Design Studio / Citiscape LLC | Date:    | 13.01.2020 |
| Authorised Sign:         |  | Reqd.by: |            |

**Material Detail**

|                                 |   |
|---------------------------------|---|
| <b>Item Description:</b>        | Light fixture type-LT-03,LT-04,LT-05,LT-07,LT-09,LT10     |
| <b>Specs Reference:</b>         | ADS-169-QW00-000-L071.REV-0,ADS-169-QW00-000-L072.REV-0   |
| <b>BOQ Reference :</b>          | NA  |
| <b>Drwg Reference:</b>          | ADS-169-QW00-000-L1701.REV-0,ADS-169-QW00-000-L1702.REV-0 |
| <b>Material Specified:</b>      | Light fixture type-LT-03,LT-04,LT-05,LT-07,LT-09,LT10     |
| <b>Material Proposed:</b>       | Light fixture type-LT-03,LT-04,LT-05,LT-07,LT-09,LT10     |
| <b>Manufacturer / Supplier:</b> | MANUFACTURER-ARLUCE,TRYKA / SUPPLIERS-AURORA              |
| <b>Area of Use:</b>             | For installing in landscape elements                      |
| <b>Remarks</b>                  |   |
| <b>Contractor Sign:</b>         | Date: 13.01.2020  |
| <b>Aperture Received Sign:</b>  | Date:   |

**Aperture Design Studio Engineer's Comment :**

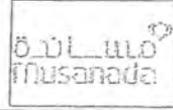
Materials are technically acceptable as proposed subject for Client's final approval.  
 Contractor to submit fixation detail & methodology and samples for review and approval prior to construction.  
 Material delivery inspection is required prior to use.  
 Warranty to comply as per the Project requirements.  
 Any deviation of material from the approval during the construction period is strictly not acceptable.

Aperture Design Studio Engineer's Sign:

**DPM Engineer's Comment:**

|                           |                                     |                              |
|---------------------------|-------------------------------------|------------------------------|
| DPM Engineer's Sign:      | <input type="checkbox"/>            | Code A- Approved             |
|                           | <input checked="" type="checkbox"/> | Code B - Approved as Noted   |
|                           | <input type="checkbox"/>            | Code C - Revise&Resubmit     |
|                           | <input type="checkbox"/>            | Code D - Rejected            |
|                           | <input type="checkbox"/>            | Code E - Incomplet, Resubmit |
| Contractor Received Sign: | Date:                               | 15 Jan 2020                  |





MATERIAL SUBMITTAL FORM

Part A: Project & Record Information:

|              |  |                 |                          |
|--------------|--|-----------------|--------------------------|
| Project Name | Design & Build Upgrading of Existing Punitive & Reformatory Buildings Complex, Al Wathba | MS.Ref.No       | A127-GTGC-BD-MTS-MEP-127 |
| Client       | Abu Dhabi Police General Headquarter   | Rev.No          | 0                        |
| Employer     | Abu Dhabi General Services Company (Musanada)  | Darwing Ref.    |                          |
| PMC          | Thomas & Adamson   | BOQ Ref: if any |                          |
| Contractor   | Ghantoot Transport & General Contracting LLC   | Approx. Qty     |                          |
|              |  | Submission-Date | 05 February 2020         |



Part B: Material Submittal Discipline:

|                    |   |   |   |
|--------------------|---|---|---|
| Related Discipline | <input type="checkbox"/> Civil Material                 | <input type="checkbox"/> Architectural Material     | <input checked="" type="checkbox"/> Electrical Material |
|                    | <input checked="" type="checkbox"/> Mechanical Material | <input type="checkbox"/> Others (Specify): Security |   |

|                        |  |
|------------------------|--|
| PLMG. ENGR.            |  |
| ARCH. ENGR.            |  |
| MEP                    |  |
| SAFETY                 |  |
| SECURITY               |  |
| EDU Contractor         |  |
| Any Spl. Instructions: |  |

Part C: Material Details

|                                       |                                 |                      |                                 |
|---------------------------------------|---------------------------------|----------------------|---------------------------------|
| Spec's. Ref.                          |                                 | Attachment Checklist |                                 |
| Specified Material                    | Light Fixture                   | 1                    | Compliance checklist ✓          |
| Proposed Material                     | Light Fixture                   | 2                    | Copy of the related specs ✓     |
|                                       |                                 | 3                    | Copy of the related drawings ✓  |
|                                       |                                 | 4                    | Copy of the related BOQ ✓       |
|                                       |                                 | 5                    | Copy of the related Standards ✓ |
| Manufacturer's Name                   | Aurora Crystal Lighting Trading | 6                    | Material Technical Data Sheet ✓ |
| Manufacturer's Address                | Abu Dhabi UAE                   | 7                    | Previous test results ✓         |
| Supplier's Name                       | Aurora Crystal Lighting Trading | 8                    | Warranty ✓                      |
| Supplier's Address                    | Abu Dhabi UAE                   | 9                    | Musanada Previous Approvals ✓   |
| Estidama Approval                     | attached                        | 10                   | Other Relevant Approvals ✓      |
| Justification of Alternative Material |                                 | 11                   | License/s of Manufacturer ✓     |

Part C: Contractors Review

|                  |                     |                     |                |                 |    |                                |
|------------------|---------------------|---------------------|----------------|-----------------|----|--------------------------------|
| QA/QC Manager    | Project Coordina    | Sr. Arch Engineer   | Design Manager | Project Manager | 12 | ISO 9001 Certificate ✓         |
| E. Gurdeep Singh | E. Moustafa Elgendy | E. Ibrahim Khreishi | E. Ahmed Moner | E. Self.Goudeh  | 13 | Sample with Sample Tag ×       |
|                  |                     |                     |                |                 | 14 | Estidama Compliance Approval ✓ |
|                  |                     |                     |                |                 | 15 | Others ×                       |

We do certify that the material submitted herewith has been reviewed in details and in accordance with the Contract Documents except as otherwise stated here above.

Part D: Engineers Review / Approval

\* The light fixtures Material match with specification and approved with attached sheet.

\* The light pole and the output for road in the site within site limit.

A hand out copy of the approved structural drawing for the light fixture and pole is provided and submitted for your review.

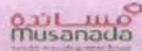
|                             |  |   |
|-----------------------------|--|---|
| Employer/ Engineer Approval | <input type="checkbox"/> A - Approved                          | <input type="checkbox"/> C - Revised and resubmit |
|                             | <input checked="" type="checkbox"/> B - Approved with comments | <input type="checkbox"/> D - Rejected             |



Note(1): Employer's/ Engineer's approval is for conformance with information given and design concept expressed in Contract Documents. Approval does not authorize changes to Contract Documents. Employer's/ Engineer's approval does not relieve the Contractor from his contractual obligation to ensure conformance to all Contract Documents. Any deviations, to the Contract Documents found subsequent to Employer's/ Engineer's approval are to be corrected by the Contractor at no extra Cost/Time to the Employer.

|                    |                          |                          |             |
|--------------------|--------------------------|--------------------------|-------------|
| Engineer's ME / SE | Engineer's RE            | For Musanada             |             |
| Name               | Eng. Sifyan Abdul Kareem | Eng. Abdelkader El Chgar | 08 FEB 2020 |
| Signature          |                          |                          |             |
| Date               | 19-2-2020                |                          |             |





### MATERIAL SUBMITTAL FORM

#### Part A: Project & Record Information:

|              |   |                 |                                    |
|--------------|---|-----------------|------------------------------------|
| Project Name | Abu Dhabi Future School Program Phsae 7 - Package 1 - MBZ | MS.Ref.No       | ADSF7-00SIT-ZZ-DIP-ELE-MAT-0131-02 |
| Client       | Department of Education and Knowledge                     | Rev.No          | 2                                  |
| Employer     | Musanada  | Darwing Ref.    |                                    |
| PMC          | N/A   | BOQ Ref. if any |                                    |
| Engineer     | Urbanism Planning Architecture Consultancy                | Approx. Qty     |                                    |
| Contractor   | Al Dhafra International Projects Group                    | Submission Date | 25-Nov-18                          |

**RECEIVED**  
 Receive Time: 10:00am  
 26 NOV 2018

#### Part B: Material Submittal Discipline:

|                    |  |   |   |
|--------------------|--|---|---|
| Related Discipline | <input type="checkbox"/> Civil Material      | <input type="checkbox"/> Architectural Material | <input checked="" type="checkbox"/> Electrical Material |
|                    | <input type="checkbox"/> Mechanical Material | <input type="checkbox"/> Others ( ):            |   |

MUSANADA - EDUCATION SECTOR  
 ADSP-PH7-PKG 1

#### Part C: Material Details

|                    |  |                               |                                 |
|--------------------|--|-------------------------------|---------------------------------|
| Spec's. Ref.       | 26 51 00                               | Attachment Checklist          |                                 |
| Specified Material | No Vendor List                         | 1 Compliance checklist        | ✓                               |
| Proposed Material  | LIGHTING FIXTURES ( Intema & External) | 2 Copy of the related specs   | ✓                               |
| Manufacturer's     | Name                                   | MDESIGN/PXF/AIR-FAL/EKLOVO    | 3 Copy of the related drawings  |
|                    | Address                                | ITALY/POLLAND/UK/SPAIN/CZECH  | 4 Copy of the related BOQ       |
| Supplier's         | Name                                   | AURORA CRYSTAL                | 5 Copy of the related Standards |
|                    | Address                                | UAE                           | 6 Material Technical Data Sheet |
| Estdama Approval   | Justification of Alternative Material  |                               | 7 Previous test results         |
|                    |  |                               | 8 Warranty                      |
|                    |  | 9 Musanada Previous Approvals | 10 Other Relevant Approvals     |
|                    |  | 11 License/s of Manufacturer  | 12 ISO 9001 Certificate         |

UPA  
 PO Box 4789  
 Abu Dhabi Future School Project  
 Phase 7 (Package-1 MBZ)  
 Received By: *Julia*  
 Date: 26/11/2018  
 Main Office  
 MEP  
 Checked

#### Part C: Contractors Review

|           |                    |                    |                    |                      |
|-----------|--------------------|--------------------|--------------------|----------------------|
|           | M E                | MEP                | QA/QC              | Project Manager      |
| Name      | Mahmoud            | H. Gaber           | Ray Labitad        | Nabeely Ahmed Khalil |
| Signature | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i>   |
| Date      | 25/11/2018         |                    |                    |                      |

UPA  
 PO Box 4789  
 Received By: *[Signature]*  
 Date: 27/11/18

DIP  
 AL DHAFRA INTL PROJECTS GROUP  
 Received  
 Date: 27/11/18

We do certify that the material submitted herewith has been reviewed in details and in accordance with the Contract Documents except as otherwise stated here above.

#### Part D: Engineers Review / Approval

1. All materials to match the project specification + standard procedures + approved shop drawings  
 2. To submit structural drawing of the foundation of the Pole light to the main contractor.

UPA  
 Tel: (02) 6337975  
 P.O. Box 109122

|          |  |   |
|----------|--|---|
| Approval | <input type="checkbox"/> A - Approved                          | <input type="checkbox"/> C - Revised and resubmit |
|          | <input checked="" type="checkbox"/> B - Approved with comments | <input type="checkbox"/> D - Rejected             |

Abu Dhabi Phase 7  
 Engineer's approval is for conformance with information given and design concept expressed in Contract Documents. Approval does not authorize changes to Contract Documents. Any deviations to the Contract Documents found subsequent to Employer's/ Engineer's approval are to be corrected by the Contractor at no extra Cost/Time to the Employer.

|                          |                    |                    |                 |
|--------------------------|--------------------|--------------------|-----------------|
| APPROVAL STATUS          | Engineer's ME / SE | Engineer's RE      | Project Manager |
| A Approved               | <i>[Signature]</i> | <i>[Signature]</i> | Mohammed Alhawi |
| B Approved with Comments | <i>[Signature]</i> | <i>[Signature]</i> | Project Manager |
| C Revise & Resubmit      |                    |                    |                 |
| D Rejected               |                    |                    |                 |
| Signed by Engineer:      | 25/11/2018         | 25/11/2018         |                 |

Abu Dhabi U.A.E.  
 P.O. Box 34926  
 CRISTAL LIGHTINGS TRD

3. To provide technical details about the cutout of the Pole light & must be AISC approved + for kind approval.  
 4. To coordinate with central battery system regarding the emergency light connection.  
 5. To submit schedule for the type of light that will be some



نموذج اعتماد مواد

Material Approval Form

Application No: 202000419712

Version: 2

Date: 2020-08-16

Project Details

بيانات المشروع

|              |  |               |
|--------------|--|---------------|
| Project Name | مدينة الرياض شمال - الطرق والبنية التحتية - (تعديلات)<br>(Riyadh North - Raods and infrastrucutre - (Modofication)   | اسم المشروع   |
| Contract No  | C-001012-2018-0053   | رقم العقد     |
| Contractor   | شركة نايل وين حرمل هيدرواكسبورت لمالكها نايل راشد سيف الشامسي - شركة الشخص الواحد ذ م م<br>NAEL AND BIN HARMAL HYDROEXPORT NAYEL RASHED .SAIF ALSHAMSI - SOLE PROPRIETORSHIP L.L.C | اسم المقاول   |
| Consultant   | بارسونز انترناشيونال ليمتد<br>PARSONS INTERNATIONAL LIMITED  | اسم الاستشاري |
| Client       | مدن العقارية ش.م.ع.<br>.MODON PROPERTIES P.J.S.C   | اسم المالك    |

Material Details

تفاصيل المادة

|  |   |  |
|--|---|--|
| Material Type                                  | مواد كهربائية   | نوع المادة                                   |
| Spec. Ref.                                     | DMA Specification Part 1 Chapter 10 Clause 10.7.4.2   | الرقم المرجعي للمواصفات                      |
| BOQ Ref  | Bill Section D Part 6 (Phase 6) Item nos. 6.167 and (Phase 7) Item nos. 6.142   | الرقم المرجعي لقائمة جدول الكميات            |
| Material Description<br>(One/ make, model etc) | 10m Octagonal Street Lighting Pole  | وصف المادة (نوع المادة ، مصنعة من ، الموديل) |
| Intended Usage                                 | For Street Lighting Works   | الغرض من الاستخدام                           |
| Manufacturer/ Source                           | Technopole Industries LLC   | المصدر / المصنع                              |
| Supplier/Applicator                            | Technopole Industries LLC<br>Aurora Crystal Lighting Trading<br>Aurora Crystal Lighting Trading   | المورد / المطبق                              |
| Sub-Contractor                                 | شركة نايل وين حرمل هيدرواكسبورت لمالكها نايل راشد سيف الشامسي - شركة الشخص الواحد ذ م م<br>NAEL AND BIN HARMAL HYDROEXPORT NAYEL RASHED SAIF ALSHAMSI - SOLE PROPRIETORSHIP L.L.C | المقاول الفرعي                               |





## Conditions

الشروط

- 1) 1- This is only a preliminary material approval for Lighting Poles (10Mtr) with flag holder, base plate cover from Manufacture by M/s TECHNO POLE INDUSTRIES LLC, RAS-ALKHAIMAH, Galvanized as per QCC Standard Specifications and Standard drawings. And all structural aspects shall be approved by the concerned ADM design section.
- 2) 2- During fabrication the Consultant/Contractor shall visit the factory and collect random samples of the pole shaft, base-plate, Arm bracket flag holder and base plate cover for testing at Abu Dhabi QCC Central Lab/ approved third party lab, for confirmation of all specified parameters; mechanical and chemical properties, including galvanization and coating requirements. Testing shall be as per approved ITP.
- 3) 3- The consultant shall ensure that all the conditional approval parameters (including the test reports, the warranty letter...etc.) Fulfilled for the materials delivered to site, and all hot-dip galvanized with minimum coating thickness of 100 microns. And Submit original manufacturer's warranty (15-years for performance & 25-years for structural) to the asset owner upon handover.

Final Recommendation:

Approved

التوصية النهائية:

Technical Reviewer:

محمد غسان محمد سالم

المراجع الفني:





نموذج اعتماد مواد

Material Approval Form

Application No: 202000389859

Version: 2

Date: 2020-07-28

Project Details

بيانات المشروع

|              |  |               |
|--------------|--|---------------|
| Project Name | مشروع جنوب الرياض المرحلة الاولى \ الحي الاول<br>Riyadh south Development Phase 1 \ N1 | اسم المشروع   |
| Contract No  | MODON0060\2018   | رقم العقد     |
| Contractor   | الوطنية للمشاريع والتعمير - ذ م م<br>NATIONAL PROJECTS & CONSTRUCTION - L L C          | اسم المقاول   |
| Consultant   | اركاديس كونسلتنج ميديل ايست ليمتد<br>ARCADIS CONSULTING MIDDLE EAST LIMITED            | اسم الاستشاري |
| Client       | مدن العقارية ث.م.ع.<br>.MODON PROPERTIES P.J.S.C                                       | اسم المالك    |

Material Details

تفاصيل المادة

|   |   |  |
|---|---|--|
| Material Type                                     | مواد إلكتروميكانيكية  | نوع المادة   |
| Spec. Ref.  | ADQCC Standard Const Specs, Part-1, Chapter-10,<br>Section 10.7.4 Light Poles, 1st Edition, JAN 2018        | الرقم المرجعي للمواصفات  |
| BOQ Ref   | BOQ- Bill No. - 06  | الرقم المرجعي لقائمة جدول<br>الكميات   |
| Material Description<br>(One/ make, model<br>etc) | METER OCTAGONAL STREET LIGHT POLES 14&10<br>WITH ANCHOR BOLTS, FLAG HOLDER, BASE PLATE<br>COVER&ACCESSORIES | وصف المادة (نوع المادة ،<br>مصنعة من ، الموديل)                                  |
| Intended Usage                                    | STREET LIGHTING NETWORK   | الغرض من الاستخدام   |
| Manufacturer/ Source                              | تيكنوبول اندستريز ذ م م<br>TECHNOPOLE INDUSTRIES LLC  | المصدر / المصنع  |
| Supplier/Applicator                               | الفجر لتجارة الثريات وأدوات الإنارة<br>Aurora Crystal & Lightings Tradings                                  | المورد / المطبق  |
| Sub-Contractor                                    | الوطنية للمشاريع والتعمير - ذ م م<br>NATIONAL PROJECTS & CONSTRUCTION - L L C                               | المقاول الفرعي: ٣٤٩٢٦<br>ابوظبي - ا.ع.م.<br>P.O.Box: 34926<br>Abu Dhabi - U.A.E. |





## Conditions

الشروط

- 1) 1- This is only a preliminary material approval for Lighting Poles (10Mtr&14Mtr) with anchor bolt, flag holder, base plate cover from Manufacture by M/s TECHNO POLE INDUSTRIES LLC, RAS-ALKHAIMAH, Galvanized as per QCC Standard Specifications and Standard drawings. And all structural aspects shall be approved by the concerned ADM design section.
- 2) 2- During fabrication the Consultant/Contractor shall visit the factory and collect random samples of the pole shaft, base-plate, flag holder, base plate cover and anchor bolts for testing at Abu Dhabi QCC Central Lab/ approved third party lab, for confirmation of all specified parameters; mechanical and chemical properties, including galvanization and coating requirements. Testing shall be as per approved ITP.
- 3) 3- The consultant shall ensure that all the conditional approval parameters (including the test reports, the warranty letter...etc.) Fulfilled for the materials delivered to site, and all hot-dip galvanized with Average coating thickness of 100 microns
- 4) 4- Submit original manufacturer's warranty (15-years for performance & 25-years for structural) to the asset owner upon handover.

Final Recommendation:

Approved

التوصية النهائية:

Technical Reviewer:

محمد غسان محمد سالم

المراجع الفني:





**MATERIAL SUBMITTAL**

|   |   |                                      |                              |
|---|---|--------------------------------------|------------------------------|
| Contract No   | AUH.06.11.0451  | MS No                                | MS/0451/EL/0057              |
| Contract Title  | District Cooling Plant 1 Design-Build and Operation & Maintenance   | Rev.                                 | 01                           |
| From  | Shinryo Corporation ME  | Date                                 | 30-Dec-14                    |
| To  | KBR   |                                      |                              |
| Manufacturer  | Domino, Lug, Megalite, Schneider Electric   |                                      |                              |
| Local Agent/Supplier  | Aurora Lighting Solutions   |                                      |                              |
| Description of the Material   | <input checked="" type="checkbox"/> As per Specification  | <input type="checkbox"/> Alternative | Discipline                   |
| Revised Material Submittal for Lighting Fixtures - Alternative Supplier |   |                                      | Electrical / Instrumentation |
|   |   |                                      | Action Required              |
|   |   |                                      | Approval                     |
| BOQ / Drawing Ref. No. / Specification No.                              | List of Documents attached  |                                      |                              |
| 26 51 13  | Please see attached index   |                                      |                              |
| Material Required in Site as per Programme                              | Expected date of material arrival on Site   |                                      |                              |
| Raised By   | Contractor's Authorized Signature & Stamp   |                                      |                              |
| Ahmed Said  | <br> |                                      |                              |
| Design Consultant Comments (If applicable)                              |   |                                      |                              |
| Design Consultant Comments by   | Design Consultant's Authorized Signature  |                                      |                              |
| Engineer's Comments   | Engineer Status Code  |                                      |                              |
| SEE ATTACHED MATERIAL REVIEWED COMMITTEE COMMENTS. NO EXCEPTIONS TAKEN  | <input checked="" type="checkbox"/> 1 - No Exception Taken  |                                      |                              |
|   | <input type="checkbox"/> 2 - Exceptions as Noted  |                                      |                              |
|   | <input type="checkbox"/> 3 - Revise and Resubmit  |                                      |                              |
|   | <input type="checkbox"/> 4 - Rejected   |                                      |                              |
|   | <input type="checkbox"/> 5 - Review Not Required  |                                      |                              |
|   | <input type="checkbox"/> 6 - Issued for Construction  |                                      |                              |
| Reviewed By   | Engineer's Signature  | Date                                 |                              |
| Ray Willett / KBR   |   | 31-DEC-2014                          |                              |
| ADAC Comments / Recommendation (as applicable)                          | Compliance Status   |                                      |                              |
|   | <input checked="" type="checkbox"/> Compliant   |                                      |                              |
|   | <input type="checkbox"/> Non-Compliant  |                                      |                              |
| Reviewed By   | Signature   | Date                                 |                              |
|   |   |                                      |                              |





الرقم :  
التاريخ :  
المرفقات :  
رقم الملف :

**ثانياً: لمبات السوبر صوديوم:**

| الللمبة | المورد       | مسئول المبيعات               |
|---------|--------------|------------------------------|
| فيليبس  | فيليبس       | م. رامي النونو ٠٥٤٠٦٠٨٩٩٢    |
| أوسرام  | أضواء الرياض | م. رزق أبو السباع ٠٥٠٥٢٤٤٢٨٤ |

**ثالثاً: فوانيس الإنارة الترشيدية LED:**

| الصف                       | المصنع          | الموزع               | نوع المنتج               | مسئول المبيعات            |
|----------------------------|-----------------|----------------------|--------------------------|---------------------------|
| فانوس إنارة<br>ترشيدية LED | فيليبس          | الإنارة السعودية     | Exceed (BRP) 371,372,373 | م. رامي النونو ٠٥٤٠٦٠٨٩٩٢ |
|                            | البابطين        | البابطين             | VEGA 1,2                 | م. محمد سامي ٠٥٤٧٦٣٥٤٤٨   |
|                            | LUG<br>Lighting | شركة سمار تك للصناعة | URBANO - URBINO          | م. محمد سند ٠٥٠٢١٢٨٥٢٩    |

- يورد وفقاً للدراسة الضوئية المعتمدة من جهة الإشراف، وحسب مواصفات كل شارع على حدة.
- اختيار درجة حرارة لون الفانوس لكل تعميم وفق توجيه جهة الإشراف.
- يجب على المورد تقديم الاختبارات الأساسية (LM82 - TM21 - STMT - LM97) لكل درجة حرارة لون يتم توريدها.
- الالتزام بنوعية فوانيس LED المركبة بكل شارع أثناء الاستبدال.
- الالتزام بالإجراءات المتبعة بالإدارة العامة لصيانة الإنارة فيما يخص الفوانيس التابعة لشركة ترشيد (يتم الحصول على النموذج والإجراءات من الإدارة).

**رابعاً: أجهزة القياس:**

| الصف           | المصنع | المورد       | مسئول المبيعات           |
|----------------|--------|--------------|--------------------------|
| SWG 500        | MEGGER | شركة الصائدة | م. عماد الشيخ ٠٥٥٦٩٨٠٠٠٤ |
| Digiphone plus | MEGGER | شركة الصائدة | م. عماد الشيخ ٠٥٥٦٩٨٠٠٠٤ |

**خامساً: الصبات الخرسانية:**

| الصف                             | المصنع  | المورد |
|----------------------------------|---|--------|
| تقواعد الأعمدة والصبات الخرسانية | يحدد وفق قائمة مصانع الخرسانة المعتمدة بإدارة المواد والبحوث بمكتب تنسيق مشاريع المدينة |        |

**الأرضي:**

4

| الصف   | المصنع             | مسئول المبيعات        |
|--|--------------------|-----------------------|
| قضيب من النحاس الخالص بقطر ١٦ مم على الأقل وبطول ١,٥ متر | مصنع تقنية الأمانة | م. محمد عاطف ٠٥٨٠٨٦٩٨ |
|  | مصنع بحرة          | م. حسام ٠٥٤٠٦٤٢٢٢٢    |

Document Submittal Form

|                 |                   |                   |
|-----------------|-------------------|-------------------|
| Transmittal     | Project           | 8483              |
| SAUDI OGER LTD. | DOC-SO-ELE-0601-1 | DATE: 15 Mar 2015 |

|                           |  |               |      |
|---------------------------|--|---------------|------|
| Transmission of Documents | Delivery   | Submitted For | Code |
| To                        | <input type="checkbox"/> Courier                 | APPROVAL      | 1    |
| SAUDI ARAMCO              | <input type="checkbox"/> Recipient Manager Other | INFORMATION   | 2    |
| For Contractor            |  | COORDINATION  | 3    |

|                 |                          |                          |                          |                                     |                          |                          |                          |                    |      |
|-----------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------|------|
| FOR CM USE ONLY | CVL                      | ARC                      | STR                      | ELE                                 | MEC                      | PLU                      | TEL                      | Action             | Code |
|                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | APPROVED           | A    |
|                 |                          |                          |                          |                                     |                          |                          |                          | APPROVED AS NOTED  | B    |
| Rec'd / /       |                          |                          |                          |                                     |                          |                          |                          | CORRECT & RESUBMIT | C    |
| In From / /     |                          |                          |                          |                                     |                          |                          |                          | FOR INFORMATION    | D    |
|                 |                          |                          |                          |                                     |                          |                          |                          |                    |      |

| Rec. | Qty.  | Documents Reference | Status | Rev. | Description                                       | Type | Code      |        |
|------|-------|---------------------|--------|------|---|------|-----------|--------|
|      |       |                     |        |      |   |      | Submittal | Action |
|      |       |                     |        |      | <b>NON MATERIAL REQUIREMENTS FOR</b>              |      |           |        |
|      |       | 601.1               |        | 01   | MRP # : TRV-E-016 Part 20 (MRP-E-016)             | OT   | 1         | B      |
|      | 1+1CD | 601.2               |        | 01   | Description : Interior Lighting Fixtures (PRIAem) |      |           |        |
|      |       | 601.3               |        | 01   | Supplier: M/s. Arelight Alliance Co. Ltd.         |      |           |        |
|      |       |                     |        |      | Manuf.: M/s. Lug Light Factory Ltd.               |      |           |        |
|      |       |                     |        |      | Dummy PO : ADCI-H75-17-A014-DT                    |      |           |        |

Distribution: **Procurement**

Contractor's Signature: **Stephane Chanteloux/Christophe Berthet**

- \*\*Type:
- SD - Shop Drawings
  - SM - Sample
  - MD - Manufacturer's Data
  - CT - Certificates
  - GT - Guarantees
  - OT - Others

Remarks

This NMR was approved as Code B (as noted). Contractor and their manufacturer shall ensure their compliance to the comments and requirements as stated on the attached technical review. Upon adherence, please provide SAPMT with credible delivery schedule. (please take note this type, PRIAem is included on priority 1 list of LF status)

*[Handwritten Signature]*  
P. A. GARCIA 5/17



*[Handwritten Signature]*  
Saudi Aramco Representative  
Date: 5/17/15

Approval correction or comments made relative to submittals during this review do not relieve the Contractor for compliance with the requirements of the drawings or specification. This check is only for review of general performance with the design concept of the project and general compliance with the information given in the correct documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordination his work with that of other trades, and performing his work in a safe, timely, and satisfactory manner.

|               |                               |
|---------------|-------------------------------|
| Distribution: | Contractor's Signature: _____ |
| Owner         | Received For: _____           |
| CM            | Date: _____                   |
| Contractor    |                               |



شركة سعودي أوجيه المحدودة  
SAUDI OGER LTD.

King Abdulaziz Center for World Culture

Document Submittal Form

|                           |                     |  |                              |                              |
|---------------------------|---------------------|--|------------------------------|------------------------------|
|                           |                     | Transmittal                                      | Project                      | 8483                         |
| <b>SAUDI OGER LTD.</b>    |                     | <b>DOC-SO-ELE-0601-1</b>                         | DATE:                        | <b>15 Mar 2015</b>           |
| Transmission of Documents |                     | Delivery   | Submitted For                | Code                         |
| To                        | <b>SAUDI ARAMCO</b> | <input type="checkbox"/> Courier                 | APPROVAL                     | 1                            |
| For Contractor            |                     | <input type="checkbox"/> Recipient Manager Other | INFORMATION                  | 2                            |
|                           |                     |  | COORDINATION                 | 3                            |
| <b>FOR CM USE ONLY</b>    |                     | CVL <input type="checkbox"/>                     | ARC <input type="checkbox"/> | STR <input type="checkbox"/> |
|                           |                     | ELE <input checked="" type="checkbox"/>          | MEC <input type="checkbox"/> | PLU <input type="checkbox"/> |
|                           |                     | TEL <input type="checkbox"/>                     | <b>Action</b>                |                              |
| Rec'd / /                 |                     | Out To: / /                                      |                              | APPROVED                     |
| In From / /               |                     | To Contractor: / /                               |                              | APPROVED AS NOTED            |
|                           |                     |  |                              | CORRECT & RESUBMIT           |
|                           |                     |  |                              | FOR INFORMATION              |
|                           |                     |  |                              | Code                         |
|                           |                     |  |                              | A                            |
|                           |                     |  |                              | <b>B</b>                     |
|                           |                     |  |                              | C                            |
|                           |                     |  |                              | D                            |

| Rec. | Qty.         | Documents Reference | Status | Rev. | Description   | Type      | Code      |          |
|------|--------------|---------------------|--------|------|---|-----------|-----------|----------|
|      |              |                     |        |      |   |           | Submittal | Action   |
|      |              |                     |        |      | <b>NON MATERIAL REQUIREMENTS FOR</b>  |           |           |          |
|      | <b>1+ICD</b> | 601.1               |        | 01   | <b>MRP # : TRV-E-016 Part 20 (MRP-E-016)</b>  | <b>OT</b> | <b>I</b>  | <b>B</b> |
|      |              | 601.2               |        | 01   | <b>Description : Interior Lighting Fixtures (PRIAem)</b>  |           |           |          |
|      |              | 601.3               |        | 01   | <b>Supplier: M/s. Arclight Alliance Co. Ltd.</b><br><b>Manuf.: M/s. Lug Light Factory Ltd.</b><br><b>Dummy PO : ADCI-H75-17-A014-DT</b> |           |           |          |

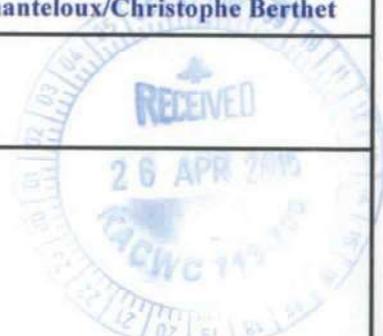
Distribution: **Procurement**

Contractor's Signature: *Stephane Chanteloux/Christophe Berthet*

- \*\*Type:
- SD - Shop Drawings
  - SM - Sample
  - MD - Manufacturer's Data
  - CT - Certificates
  - GT - Guarantees
  - OT - Others

Remarks

*PLS see attached*



Saudi Aramco Representative

Date: 5/6/2015

Approval correction or comments made relative to submittals during this review do not relieve the Contractor for compliance with the requirements of the drawings or specification. This check is only for review of general performance with the design concept of the project and general compliance with the information given in the correct documents. The Contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordination his work with that of other trades, and performing his work in a safe, timely, and satisfactory manner.

|   |                               |
|---|-------------------------------|
| Distribution:   | Contractor's Signature: _____ |
| Owner                      CM                      Contractor | Received For: _____           |
|   | Date: _____                   |



## NMR-601 Preliminary Drawings

|  |                     |                 |   |
|--|---------------------|-----------------|---|
| <b>PACKAGE DESCRIPTION:</b><br>INTERIOR LIGHTING FIXTURES (PR1Aem) |                     | MFR.: Lug Light | <b>DATE RECEIVED FROM CONTRACTOR:</b><br><br>April 26, 2015 |
| <b>CONTRACTOR TRV NUMBER:</b>                                      | MRP-E-016 Part 20   |                 |   |
| <b>SAUDI ARAMCO PO NUMBER:</b>                                     | ADCI-H75-17-A014-DT |                 | <b>RESPONSE DUE TO CONTRACTOR:</b><br><br>May 10, 2015      |
| <b>CONTRACTOR REFERENCE NO:</b>                                    | DOC-SO-ELE-0601-1   |                 |   |

| DISTRIBUTE TO:   | PMT MEMBER | INITIALS               | DATE     |
|--|------------|------------------------|----------|
| <b>PROCUREMENT REP.</b><br>ASG / AMA / FAH / RAG         | ✓          | RAG <i>[Signature]</i> | 04/26/15 |
| <b>ARCHITECTURAL TEAM</b><br>FID / JE / RDM / MAO / CC   |            |                        |          |
| <b>COMMUNICATIONS TEAM</b><br>YHY / GC                   |            |                        |          |
| <b>MECH. TEAM - PLUMBING</b><br>SB / LT / GMA / PWF / JP |            |                        |          |
| <b>ELECTRICAL TEAM</b><br>FHI / MVP / MMA / MIT / AMR    | ✓          | AMR                    | 5/16     |
| <b>STRUCTURAL</b><br>NMI / RAC                           |            |                        |          |
| <b>CIVIL</b><br>NMA / BMN                                |            |                        |          |
| <b>PROPONENT</b>   |            |                        |          |

### For Technical Engineers:

Provide comments against each specific NMR-601 sub item and make your final disposition by ticking the appropriate box. Specific technical comments and explanations shall be provided if technical findings conclude categories as "No Objection", "No Objection as Noted", or "Correct & Resubmit".

**COMMENTS SHEET:**

**NMR-601.1**     No Objection     No Objection as Noted     Correct & Resubmit

**NMR-601.2**     No Objection     No Objection as Noted     Correct & Resubmit

**NMR-601.3**     No Objection     No Objection as Noted     Correct & Resubmit

Saudi Aramco: Company General Use

THIS REVIEW IS ONLY FOR CONFORMANCE WITH THE INFORMATION GIVEN OR THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS. MEANS, METHODS OR TECHNIQUES OF CONSTRUCTION, ACCURACY AND COMPLETENESS OF DETAIL, DIMENSIONS, QUANTITIES, PERFORMANCE AND COORDINATION WITH OTHER WORK REMAIN THE RESPONSIBILITY OF THE CONTRACTOR. THIS REVIEW DOES NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITIES UNDER THE CONTRACT.



# Beijing Construction Engineering Group



Contract Title: **Construction of Building for RCHQ at MYAS**  
Contract No.: **PICK -1801**

## SUBMITTAL FORM

|  |  |                                      |                         |                         |
|--|--|--------------------------------------|-------------------------|-------------------------|
| <input type="checkbox"/> Shop Drawings                   | <input checked="" type="checkbox"/> Material   | <input type="checkbox"/> Others      | Date:                   | 30 June 2015            |
| <input checked="" type="checkbox"/> Approval             | <input type="checkbox"/> Verification  | <input type="checkbox"/> Information | Contractor Submittal #: | BCEG-1801-16500-013-R04 |
| <input type="checkbox"/> Record                          | <input type="checkbox"/> Deviation   | <input type="checkbox"/> Others      |                         |                         |
| ATTENTION: Engr. Evan. Dews<br>Authorized Representative |  |                                      |                         |                         |
| <input type="checkbox"/> First Submittal:                | <input checked="" type="checkbox"/> Re-Submittal (Previous Sub. No.):<br>BCEG-1801-16500-013-R03 | Previous RC#:                        |                         |                         |

Subject Reference Spec.: 16500 1.3A  
Item Description / Subject: **Lighting Fixtures (Supplier: Archlight Alliance Co. Ltd)**

- List of Attachments:
- |                             |    |
|-----------------------------|----|
| 1. Consultant Comment Reply | 3. |
| 2. Catalogue                | 4. |

Contractor's Certification: "Having checked this submittal, we certify that it conforms to the requirements of the Contract Documents in all respects, except otherwise indicated herein."  
Checked by: [Signature] Approved by: Project Manager [Signature]  
Date: 30. Jun. 15 Date: 30 / 6 / 15

Royal Commission Review / Construction Support Group

|   |                               |  |                                   |                                   |                                |
|---|-------------------------------|--|-----------------------------------|-----------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> AR    | <input type="checkbox"/> CE   | <input checked="" type="checkbox"/> EE   | <input type="checkbox"/> ME       | <input type="checkbox"/> SE       | <input type="checkbox"/> Other |
| <input type="checkbox"/> Project Controls | <input type="checkbox"/> Cost | <input type="checkbox"/> Quantity Survey | <input type="checkbox"/> Estimate | <input type="checkbox"/> Schedule |                                |

Royal Commission / MSC Review and Approval Status

|   |   |
|---|---|
| STATUS:   | ATTACHMENTS:  |
| <input type="checkbox"/> (A) Proceed                            | <input type="checkbox"/> Engineering Review Comments Sheet(s)       |
| <input checked="" type="checkbox"/> (B) Proceed With Comment(s) | <input type="checkbox"/> EWR List of Submitted Materials            |
| <input type="checkbox"/> (C) Do Not Proceed, Revise & Resubmit  | <input type="checkbox"/> Contractor Shop Drawing submittal sheet(s) |
| <input type="checkbox"/> (D) Rejected                           | <input type="checkbox"/> Other enclosures / attachments.            |

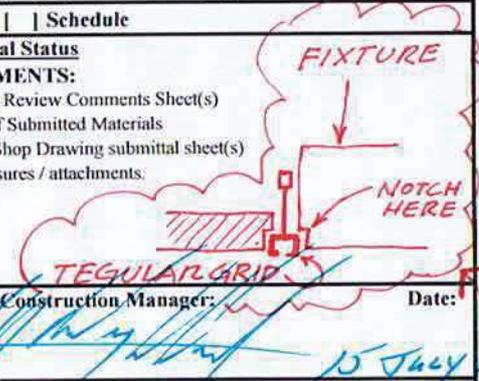
NOTE: Shop Drawing review require "Released for Construction" stamp before proceeding.

Reviewer: [Signature] Receipt Date: JULY 15, 2015 RC/SAPL Construction Manager: [Signature] Date: 15 July 15

RC / SAPL CONSTRUCTION  
The review and approval is provided conditionally that the submittal is in compliance with the contract documents. This approval shall not be construed as an approval of a change in Contract scope or price. A prompt response shall be made by the Contractor in writing if any comment is considered not to be within the terms of the Contract.

ADDITIONAL COMMENTS: **PROVIDE FIXTURES FOR "TEGULAR" GRID AS INDICATED ON PREVIOUS SUBMITTAL'S (16500-013-R03) ENGINEERING REVIEW COMMENTS.**

Project File No.: 14.149  
Ref. Number: \_\_\_\_\_  
CC: RF/Chrono: \_\_\_\_\_  
For RC/SRPM: [Signature] Evan. Dews  
Authorized Representative  
Date: 15 July 2015



[Handwritten signature]

|   |  |  |
|---|--|--|
| THE EMPLOYER:<br><br>الهيئة العامة للطيران المدني<br>General Authority of Civil Aviation | <b>King Abdulaziz International Airport<br/>         Development Project<br/>         (Phase I)<br/>         Jeddah, KSA</b> | THE CONSTRUCTION<br>MANAGER<br> |
|---|--|--|

**The CM's Reply to Submittals (CRS)**

|                    |   |       |               |
|--------------------|---|-------|---------------|
| Submittal Ref. No. | 422-MTS-E-03287-01  | Date: | June 27, 2017 |
| Submittal Title:   | LED Down Light Fixture Type C9 at C210 Area   |       |               |
| Contractor's Name  | Saudi Binladin Group  |       |               |
| Contract No./Title | J-10-422-PF-0 - Aprons, Taxiways, Roads, Tunnels, Bridges, Load Centers and Infrastructure, Transportation Center and Supporting Facilities |       |               |

**Action Code (tick as appropriate):**

1. Approved, work may proceed.  
 2. Approved as noted, work may proceed subject to incorporation of comments and resubmit to grant Code (1).  
 3. Revise and resubmit, work may not proceed.  
 4. Rejected.  
 5. Review not required.  
 For Drawing/Design Submittals, please refer to the attached DDS List for detailed status code.

  
 AC 06 JUL 2017 5:42 pm  
 RECEIVED

**Review Comments:**

**ELECTRICAL**

Below is the CM response in the same order of the point-by-point replies received from the Contractor:

1. Contractor is held responsible of compliance with the applicable clauses where missing at the submitted compliance statement such as clauses#1.3.C, 1.3.I, 1.3.J, 1.3.K, 1.6, 2.2.E, 2.2.J, 2.2.T, 2.2.U, 2.2.V, 2.3.K, 2.8, 2.9.S, 2.10.T, 3.1, 3.2, etc.
2. Noted.
3. Noted. However internal wiring shall be of insulation LSOH and rated voltage not less than 500/300 V.
4. Noted.
5. Still pending. The requested certificate for photometric data couldn't be located within the submitted document.
6. Still pending. The requested certificate for LED life time cycle and the respective maintenance factor couldn't be located within the submitted document.
7. Noted.
8. Noted.
9. Still pending. Final approval pending sample acceptance by site engineer.
10. Lighting fixtures' ballast types (DALI/high frequency), lamps' color temperatures, etc. shall be in accordance with 100% final approved design luminaries schedule, lighting control and switching schemes, etc.

**ARCH/ID**

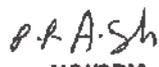
Approved

|  |   |   |
|--|---|---|
| <p>THE EMPLOYER:</p>  <p>الهيئة العامة للطيران المدني<br/>General Authority of Civil Aviation</p> | <p>King Abdulaziz International Airport<br/>Development Project<br/>(Phase I)<br/>Jeddah, KSA</p> | <p>THE CONSTRUCTION<br/>MANAGER</p>  |
|--|---|---|

**The CM's Reply to Submittals (CRS)**

|                    |   |                     |
|--------------------|---|---------------------|
| Submittal Ref. No. | : 422-MTS-E-03287-01  | Date: June 27, 2017 |
| Submittal Title:   | : LED Down Light Fixture Type C9 at C210 Area   |                     |
| Contractor's Name  | : Saudi Binladin Group  |                     |
| Contract No./Title | : J-10-422-PF-0 - Aprons, Taxiways, Roads, Tunnels, Bridges, Load Centers and Infrastructure, Transportation Center and Supporting Facilities |                     |

*The Construction Manager's approval shall not in any way relieve the Contractor from full compliance with contractual obligations.*

|   |   |
|---|---|
| <p>Commented by:</p>  <p>NGI/SPM</p> | <p>Issued by:</p>  <p>06 JUL 2017</p> |
| Initial/Signature Over Printed Name   | Deputy Project Manager  |
| Date  | Date  |

|  |   |   |
|--|---|---|
| <b>THE CONSTRUCTION MANAGER:</b><br> | <b>King Abdulaziz International Airport Development Project (Phase I) Jeddah, KSA</b> | <b>THE CONTRACTOR:</b><br><br>مجموعة بن لادن السعودية<br><b>SAUDI BINLADIN GROUP</b> |
|--|---|---|

**MATERIAL SUBMITTALS (MTS)**

|                                      |           |                  |
|--------------------------------------|-----------|------------------|
| Submittal Ref. No. : 422-MTS-E-03287 | Rev. : 01 | Date: 20/06/2017 |
|--------------------------------------|-----------|------------------|

**Submittal Title:** Led Down light fixture type C9

|                                   |   |
|-----------------------------------|---|
| <b>Contractor Name:</b>           | Saudi Binladin Group  |
| <b>Contract No. / Title:</b>      | J-10-422-PF-0 Aprons, Taxiways, Roads, Tunnels, Bridges, Load Centers and Infrastructure, Transportation Center and Supporting Facilities |
| <b>Subcontractor's Name:</b>      | SBG   |
| <b>Specification Clause No. :</b> | 265100  |
| <b>Drawing Ref. No. :</b>         | 422-C210-FD-E-12GF11001001  |
| <b>Standard Ref. :</b>            | NA  |
| <b>Manufacturer's Name:</b>       | LUG Lighting  |
| <b>Country of Origin:</b>         | PL - POLAND   |
| <b>Supplier Name:</b>             | Inara Co  |
| <b>Supplier's Address:</b>        | Jeddah Saudi Arabia   |
| <b>LEED Compliance:</b>           | NA  |
| <b>Area of Application:</b>       | C210 - Potable water supply networks, storage and pumping facilities  |



**Description of Content :**  
Led Down light fixture type C9

*HA*

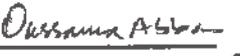
**Attachment:**

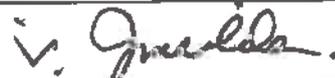
|   |  |
|---|--|
| No. of copy + original = <input type="text" value="3"/> | Material sample included in the submission <input type="text" value="NA"/> |
| No. of softcopy (CD) = <input type="text" value="1"/>   | Others : NA  |

**Purpose of Submission:**

For Review && Approval       For Information && Records

We certify that the above submitted items have been reviewed in details and are correct and in strict conformity with the Contract except as otherwise stated hereon.

|   |  |  |
|---|--|--|
| <b>Prepared By (Doc. Originator):</b>   | <b>Reviewed By (QA Manager):</b>   | <b>Approved By (Project Manager):</b>  |
| <br>Name/Sign      Date | <br>Name/Sign      Date | <br>Name/Sign      Date |

Primavera®  
  
 21.6.2017

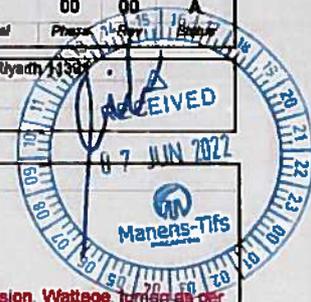


**Security Forces - Medical Center Project  
Riyadh - Jeddah**

**Sample Approval Label (SA)**

|                                       |   |                                    |       |
|---------------------------------------|---|------------------------------------|-------|
| <b>PKA - Riyadh</b>                   |   | <b>DATE OF ISSUE: June 7, 2022</b> |       |
| <b>CONTRACTOR: ABV Rock Group Ltd</b> |   | <b>ENGINEER: Manens - Tifs</b>     |       |
| Ref. No:                              | MI - AA - A3 - B04.00.000 - E0 - SA - 003 | 00                                 | 00 A  |
|                                       | Proj                                      | Orig                               | Phase |

|  |  |
|--|--|
| <b>SUPPLIER NAME: LAMAR Construction &amp; Trading Co.</b> | <b>SUPPLIER ADDRESS: P.O. Box 250666, Riyadh 11992</b> |
| <b>SUPPLIER TELEPHONE: +966 501395793</b>                  | <b>DEPARTMENT: Sales</b>                               |
| <b>COMPANY CONTACT: Galal Wereda</b>                       | <b>JOB TITLE: Design Engineer</b>                      |



| DESCRIPTION OF PRODUCT  |
|---|
| <p>Lighting Fixture (Down Lights) for Single &amp; Family Apartments<br/>(See Product Submittal No. MI-AA-A3-B04.00.000-E0-PS-003-00-00-A for reference)</p> <p>Sample 1 of 3 one number of Lighting fixture provided, <b>Manufacturer Lug Lightings as Opt 1 (dimension, Wattage, lumen as per Comparison Sheet)</b></p> <p>Sample 2 of 3 one number of Lighting fixture provided, <b>Manufacturer E-Lite (small) Lightings Opt. 2 (dimension, Wattage, lumen as per Comparison Sheet)</b></p> <p>Sample 3 of 3 one number of Lighting fixture provided, <b>Manufacturer E-Lite (Big) Lightings Opt. 2 (dimension, Wattage, lumen as per Comparison Sheet)</b></p> |

*3 Pcs*

| WBS DESCRIPTION  |                 |              |                       |                 |                      |            |
|--|-----------------|--------------|-----------------------|-----------------|----------------------|------------|
| <table> <tr> <td>SITE: A</td> <td>FLOOR LEVEL:</td> </tr> <tr> <td>WBS PROJECT PHASE: 00</td> <td>WORKPACKAGE: A3</td> </tr> <tr> <td>BUILDING: B04.00.000</td> <td>COMMODITY:</td> </tr> </table> | SITE: A         | FLOOR LEVEL: | WBS PROJECT PHASE: 00 | WORKPACKAGE: A3 | BUILDING: B04.00.000 | COMMODITY: |
| SITE: A  | FLOOR LEVEL:    |              |                       |                 |                      |            |
| WBS PROJECT PHASE: 00  | WORKPACKAGE: A3 |              |                       |                 |                      |            |
| BUILDING: B04.00.000   | COMMODITY:      |              |                       |                 |                      |            |

| SAMPLE'S DETAILS  |  |
|---|--|
| COUNTRY OF ORIGIN: Attached Country of Origin letter, flap 10 | DATE OF ARRIVAL ON SITE:                     |
| PLACE OF STORAGE: Riyadh                                      | DATE OF INSTALLATION:                        |
| STORAGE LOCATION: Riyadh                                      | STORAGE CONDITIONS:                          |
| MATERIAL: Lighting Fixtures (Down Lights)                     | PRODUCT CODE:                                |
| CERTIFICATION:  | HAZARDOUS MATERIAL: <input type="checkbox"/> |

| DIMENSIONS |         |
|------------|---------|
| WEIGHT:    | LENGTH: |
| HEIGHT:    | WIDTH:  |

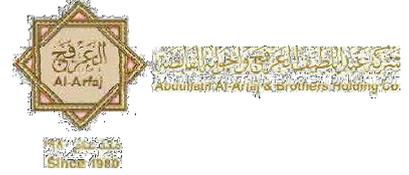
|  |                                 |
|--|---------------------------------|
| ADDITIONAL COMPONENT REQUIRED FOR INSTALLATION: <input type="checkbox"/> |                                 |
| TYPE OF COMPONENT (if applicable):                                       | COMPONENT CODE (if applicable): |

|                                      |              |
|--------------------------------------|--------------|
| CONTRACTOR AUTHORISED REPRESENTATIVE | DATE:        |
| <i>Talal A. Samad</i> Signature      | June 6, 2022 |

|                                    |       |
|------------------------------------|-------|
| ENGINEER AUTHORISED REPRESENTATIVE | DATE: |
|                                    |       |

**Saudi Aircon**

P.O Box 1658 Al-hasa, Hafuf 31982, K.S.A  
, Al-Ahsaa, Saudi Arabia  
Tel 0135311000-- Fax 0135303344--



**Order Status Details**

Document No 001/0382/18/H-1 Document Date 15-04-2018  
Supplier Name [0382] JAMAL JAROUD GROUP Order Status Totally Delivered  
Notes SCECO H.Q LUG Approved

| No. | Item Code | Item Name                        | Unit  | Quantity | Delivered Qt | Remain Qty |
|-----|-----------|----------------------------------|-------|----------|--------------|------------|
| 1   | 706001109 | LIGHTING PANEL 30x120 LUG CUSTOM | PIECE | 1        | 1            | 0          |

Notes: Engineering Sample approved for Towers C&D / Provide total outstanding quantities

# Saudi British Bank ( SABB ) Headquarter

SABB  ساب



Main Contractor: El Seif Engineering Contracting Co.

Consultant: Hyder & Solaiman Elkhareji Engineering Consulting Co.

# APPENDIX I



Y.K

AD

ANNEXURE-A

| Lighting as per Tender Specification |   |            |          |      | Alternative product   |       |
|--------------------------------------|---|------------|----------|------|---|-------|
| Qty                                  | Description as the Client   | Type       | Location | Unit | Description as per Quotation  | Brand |
| <b>BASEMENT</b>                      |   |            |          |      |   |       |
| 796.00                               | surface mounted, wire and bracket. 1 x 42 W LED; body of glass fibre reinforced polyester; ref L1   | Type L-1   | BASEMENT | No.  | Weatherproof luminaire. Body and cover made of polycarbonate. Grey finish color. IP65. Led 41W 3850 lm 4000K. Length 1275 mm.   |       |
| 74.00                                | arch blade 6060 - recessed 600x600mm luminaire with primary light source control shield and secondary micro prism diffuser, ugr <19 32w led, 3690lm, cri>80, 3000k. dali addressable dimming; dims - 595mm (l) x 595mm (w) x 80mm (h); ref. LT07          | Type LT07  | BASEMENT | No.  | Recessed modular luminaire for modular suspended ceilings. Body made of Powder-Painted Steel Sheet. Microprismatic diffuser. IP40. Led 38W 4660lm 3000K. Dimension: 595x595x80. Complete with DALI driver |       |
| 146.00                               | pipes XS -recessed adjustable power led spotlight with high efficiency optics, polycarbonate body. 6w, wide beam, cri>85, 690lm and cct 3000k. dali addressable dimming. Dims - 60mm (dia) x 105mm (h); Dims - 60mm (Dia) X 105mm (H); ref. LT-14         | Type LT14  | BASEMENT | No.  | Recessed adjustable spotlight IP20. Led 7.5W 3000K. 1000 lm. Complete with DALI driver  |       |
| 49.00                                | semplice - suspended soft and homogenous emission luminaire, cri 80, 24w, 2064lm, 3000k. dali addressable dimming dims - 624mm (l) x 60mm (w) x 80mm (h); Dims - 624mm (L) X 60mm (W) X 80mm (H); ref. LT-19b   | Type LT19B | BASEMENT | No.  | NOVUS OUT OPAL TAPE LED / EDISON / 15W/m / 3000K/4000K / 2000lm/m / + REMOTE DRIVER DALI DIMMABLE / L:1,00m + SUSPENSION SET H:1,25m. WHITE / BLACK / ANOXAL  |       |
| 155.00                               | EF125 - recessed round high efficiency cob led downlight, die cast aluminum body, recessed led low glare system with matt silver reflector, IP44, cri 85, 18w led, 1800lm, 3000k, 60° beam angle. Dims - 125mm (Dia) X 87mm (H); ref. LT29A               | Type LT29A | BASEMENT | No.  | HONOR S N WHITE OPTIC / S.S.LED / 19W / 3000K/4000K / 40° / 230V. WHITE / BLACK / GREY  |       |
| 140.00                               | EF150 - recessed round high efficiency cob led downlight, die cast aluminum body, recessed led low glare system with matt silver reflector, IP44, cri 85, 26w led, 2300lm, 3000k, 60° beam angle. Dali address Dims - dims - 140mm (dia) x 87mm (h); ref. | Type LT29B | BASEMENT | No.  | HONOR S WHITE OPTIC LEV LED / 24W / 3000K / 230V. WHITE / BLACK / GREY  |       |
| 7.00                                 | surface mounted installation. 1 x 39 W LED; Luminaire body in white enameled sheet steel (RAL 9016). ref. S1  | Type S1    | BASEMENT | No.  | Surface mounted Downlight. Body made of Steel Sheet and Aluminum. White finish Color. Aluminum mat faceted reflector. IP20. Led 39W 5500lm 4000K.   | LUG   |
| 252.00                               | LEDpro - architectural rigid linear continuous length low profile extruded aluminum integrated diffuser, 14.4w/m, 651lm/w LED . IP33 standard with IP65 & IP67. addressable dimming; dims - various(l) x 16mm (w) x 6mm (h); ref. LT03                    | Type LT03  | BASEMENT | No.  | Surface mounted led striplight profile with matt diffuser. Led 10W/m 3000K 990 lm/m. Price of 1 m including DALI driver.  |       |
| 8.00                                 | recessed Central battery. 5W; fully addressable LED emergency lighting points.ref; E  | Type E/C1  | BASEMENT | No.  | Recessed in ceiling emergency luminaire for lighting open area Symmetric beam. Led 5W. Backed with 3Hrs Emergency kit. Non maintained. IP42   |       |
| 705.00                               | mains or 3 hour self-contained maintained emergency ceiling. 3 W; rigid polycarbonate body and clear polycarbonate lens. LED IP65. ref; Em  | Type EM    | BASEMENT | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65   |       |
| 45.00                                | mains or 3 hour self-contained maintained emergency ceiling, wall mounted. 3 W; rigid polycarbonate body and clear polycarbonate lens. LED IP65. ref; Em  | Type EM    | BASEMENT | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65   |       |
| 49.00                                | exit sign.  | EXIT SIGN  | BASEMENT | No.  | Surface mounted exit sign. Led 3W. One side.  |       |
| 36.00                                | exit sign; with directional arrow   | EXIT DI    | BASEMENT | No.  | Surface mounted exit sign. Led 3W. One side.  |       |
| 11.00                                | exit sign; with bi-directional arrow  | EXIT BI DI | BASEMENT | No.  | Surface mounted exit sign. Led 3W. Double sides.  |       |



Y.K

AB

ANNEXURE-A

| Lighting as per Tender Specification |   |            |          |      | Alternative product   |       |
|--------------------------------------|---|------------|----------|------|---|-------|
| Qty                                  | Description as the Client   | Type       | Location | Unit | Description as per Quotation  | Brand |
| 132.00                               | prolinear - architectural continuous linear system with opal diffuser 24w/m, 992lm/m, 3000°k. dali addressable dimming; dims - various (l) x 33mm (w) x 60mm (h); ref. LT-01A / LT3G (meters)   | LT-01A     | BASEMENT | No.  | Recessed linear led luminaire. Aluminum body. Opal diffuser. Led 31W 2510lm 3000K. Grey color. Complete with DALI driver and End caps set.  |       |
| 50.00                                | fusion FF1 - fusion fixed led downlight 10 led, 2w, 170lm, 40°, cri 85, 3000°k. dali addressable dimming; dims - 45mm (l) x 45mm (w) x 60mm (h); ref. LT-01E  | LT-01E     | BASEMENT | No.  | MINI TALUS 1F / S.S.LED / 5W / 3000K/4000K / 36° + DALI DIMMABLE DRIVER. WHITE / BLACK / GREY   |       |
| 6.00                                 | fusion FF3 - fusion fixed led downlight 3 led, 7w, 550lm, 40°, cri 85, 3000°k. dali addressable dimming; dims - 38mm (l) x 45mm (w) x 60mm (h); ref. LT-01D   | LT-01D     | BASEMENT | No.  | ONOK 531XA10033BWS 531 LED 8W DALI 3K 30° Clear Diffuser Satin White IP54   |       |
| 172.00                               | fusion FF2 - fusion fixed led downlight 10 led, 4w, 350lm, 40°, cri 85, 3000°k. dali addressable dimming; dims - 70mm (l) x 45mm (w) x 60mm (h); Dims - 70Mm (L) X 45Mm (W) X 60Mm (H); ref. LT-01F   | LT-01F     | BASEMENT | No.  | Fusion FF2 downlight 10LED 4W Dali Addressable Dimming.   |       |
| <b>CAR PARK</b>                      |   |            |          |      |   |       |
| 964.00                               | surface mounted, wire and bracket. 1 x 42 W LED; body of glass fibre reinforced polyester; ref L1   | Type L-1   | CAR PARK | No.  | Weatherproof luminaire. Body and cover made of polycarbonate. Grey finish color. IP65. Led 41W 3850 lm 4000K. Length 1275 mm  |       |
| 11.00                                | pipes XS - recessed adjustable power led spotlight with high efficiency optics, polycarbonate body. 6w, wide beam, cri>85, 690lm and cct 3000°k. dali addressable dimming. Dims - 60mm (dia) x 105mm (h); Dims - 60Mm (Dia) X 105Mm (H); ref. LT-14 | Type LT14  | CAR PARK | No.  | Recessed adjustable spotlight IP20. Led 7.5W 3000K. 1000 lm. Complete with DALI driver  |       |
| 9.00                                 | EF125 - recessed round high efficiency cob led downlight, die cast aluminum body, recessed led low glare system with matt silver reflector, IP44, cri 85, 18w led, 1800lm, 3000°k, 60° beam angle. Dims - 125Mm (Dia) X 87Mm (H); ref. LT29A        | Type LT29A | CAR PARK | No.  | HONOR S N WHITE OPTIC / S.S.LED / 19W / 3000K/4000K / 40° / 230V. WHITE / BLACK / GREY  |       |
| 1.00                                 | surface mounted installation. 1 x 39 W LED; Luminaire body in white enameled sheet steel (RAL 9016). ref: S1  | Type S1    | CAR PARK | No.  | Surface mounted Downlight. Body made of Steel Sheet and Aluminum. White finish Color. Aluminum mat faceted reflector. IP20. Led 39W 5500lm 4000K.                                 |       |
| 8.00                                 | recessed mounting in ventilated or unventilated suspended ceiling. 1x49W LED  | Type F1    | CAR PARK | No.  | Recessed modular luminaire for modular suspended ceilings. Body made of Powder-Painted Steel Sheet. Opal plexiglass diffuser. IP44. Led 62W 10000lm 4000K Dimension: 595x595x103. | LUG   |
| 7.00                                 | emergency lighting 5.5w   | Type E2    | CAR PARK | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65.  |       |
| 19.00                                | LEDpro - architectural rigid linear continuous length low profile extruded aluminum integrated diffuser, 14.4w/m, 651lm/w LED IP33 standard with IP65 & IP67, addressable dimming; dims - various(l) x 16mm (w) x 6mm (h); ref. LT03                | Type LT03  | CAR PARK | No.  | Surface mounted led striplight profile with matt diffuser. Led 10W/m 3000K 990 lm/m. Price of 2 m including DALI driver   |       |
| 950.00                               | mains or 3 hour self-contained maintained emergency ceiling. 3 W; rigid polycarbonate body and clear polycarbonate lens. LED IP65. ref; Em  | Type EM    | CAR PARK | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65.  |       |
| 58.00                                | mains or 3 hour self-contained maintained emergency ceiling, wall mounted. 3 W; rigid polycarbonate body and clear polycarbonate lens. LED IP65. ref; Em  | Type EM    | CAR PARK | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65.  |       |
| 12.00                                | exit sign   | EXIT SIGN  | CAR PARK | No.  | Surface mounted exit sign. Led 3W. One side.  |       |
| 15.00                                | exit sign; with directional arrow   | EXIT DI    | CAR PARK | No.  | Surface mounted exit sign. Led 3W. One side.  |       |
| 5.00                                 | exit sign; with bi-directional arrow  | EXIT BI DI | CAR PARK | No.  | Surface mounted exit sign. Led 3W. Double sides.  |       |
| 1.00                                 | surface mounted installation 1X39 W LED   | Type L     | CAR PARK | No.  | Surface mounted Downlight. Body made of Steel Sheet and Aluminum. White finish Color. Aluminum mat faceted reflector.   | LUG   |
| 28.00                                | fusion FF1 - fusion fixed led downlight 10 led, 2w, 170lm, 40°, cri 85, 3000°k. dali addressable dimming; dims - 45mm (l) x 45mm (w) x 60mm (h); ref. LT-01E  | LT-01E     | CAR PARK | No.  | MINI TALUS 1F / S.S.LED / 5W / 3000K/4000K / 36° + DALI DIMMABLE DRIVER. WHITE / BLACK / GREY   |       |



AD

ANNEXURE-A

| Lighting as per Tender Specification |  |             |   |      | Alternative product  |       |
|--------------------------------------|--|-------------|---|------|--|-------|
| Qty                                  | Description as the Client  | Type        | Location  | Unit | Description as per Quotation   | Brand |
| <b>MAIN BUILDING</b>                 |  |             |   |      |  |       |
| 550.00                               | surface mounted, wire and bracket. 1 x 42 W LED; body of glass fibre reinforced polyester; ref L1  | Type L-1    | Parking Area, Pump Room, AHU Room                             | No.  | Weatherproof luminaire. Body and cover made of polycarbonate. Grey finish color. IP65. Led 41W 3850 lm 4000K. Length 1275 mm.  |       |
| 661.00                               | fusion FF10 - fusion fixed LED downlight 10 LED, 22W, 1800Lm, 40°, cri 85, 3000°k. DALI addressable dimming; dims - 290mm (L) x 4mm (W) x 60mm (H); ref. LT-01B  | Type LT-01B | Cafeteria, Ladies Section (Restaurant), Ladies Lounge, Office | No.  | Fusion FF10 Downlight 10LED 22W Dali Addressable dimming.  |       |
| 40.00                                | fusion FF5 - fusion fixed LED downlight 5 LED, 11W, 900Lm, 40°, cri 85, 3000°k. DALI addressable dimming; dims - 153mm (L) x 45mm (W) x 60mm (H); ref. LT-01C  | Type LT-01C | Reception, Corridor, meeting room                             | No.  | Fusion FF5 downlight 5LED 11W Dali Addressable Dimming.  |       |
| 54.00                                | fusion FF3 - fusion fixed led downlight 3 led, 7w, 550lm, 40°, cri 85, 3000°k. dali addressable dimming; dims - 98mm (l) x 45mm (w) x 60mm (h); ref. LT-01D  | LT-01D      | BASEMENT  | No.  | ONOK 531XA10D33BWS 531 LED 8W DALI 3K 30° Clear Diffuser Satin White IP54  |       |
| 444.00                               | fusion FF2 - fusion fixed led downlight 10 led, 4w, 350lm, 40°, cri 85, 3000°k. dali addressable dimming. dims - 70mm (l) x 45mm (w) x 60mm (h); Dims - 70mm (L) X 45mm (W) X 60mm (H); ref. LT-01F  | LT-01F      | BASEMENT  | No.  | Fusion FF2 downlight 10LED 4W Dali Addressable Dimming.  |       |
| 76.00                                | pipes T XS pro - track mounted adjustable power led spotlight with high efficiency optics, polycarbonate body. 6w, narrow beam. cri>85, 690lm and cct 3000°k. dali addressable; dims - 45mm (dia) x 164mm (h); ref. LT04 / LT28A                   | Type LT-04  | Cafeteria   | No.  | Contact Iman Deeb for Dimmable and Track.  |       |
| 161.00                               | curve - curve white led recessed lighting white profile in polycarbonate cover, 15w, 105lm/w, 3000°k, cri 85. dali addressable dimming; dims - various (l) x 60mm (w) x 108mm (h); ref. LT02   | TYPE-LT02   | Meeting Room  | No.  | LED -P045-R-OPAL.  |       |
| 4.00                                 | special custom pendant light (tbc); ref. LT05  | Type LT05   | Back of House   | No.  | COMIS RING OUT SP / Ø1000mm / LED 31W / 3000K.4000K / 230V + SUSPENSION H:1.5m. WHITE / BLACK / ANOXAL   |       |
| 1.00                                 | stretch ceiling (tbc); ref. LT06   | Type LT06   | Back of House   | No.  | COMIS RING OUT SP / Ø1000mm / LED 31W / 3000K.4000K / 230V + SUSPENSION H:1.5m. WHITE / BLACK / ANOXAL   |       |
| 6.00                                 | arch blade 6060 - recessed 600x600mm luminaire with primary light source control shield and secondary micro prism diffuser, ugr <19 32w led, 3690lm, cri>80, 3000°k. dali addressable dimming; dims - 595mm (l) x 595mm (w) x 80mm (h); ref. LT07  | Type LT-07  | Cafeteria   | No.  | Recessed modular luminaire for modular suspended ceilings. Body made of Powder-Painted Steel Sheet. Microprismatic diffuser. IP40. Led 38W 4690lm 3000K. Dimension: 595x595x80. Complete with DALI driver. |       |
| 859.00                               | groove - recessed LED linear with microprism diffuser low power modules, dynamic controllable white LED. Ugr<19, 66W, 94lm/W, 3000°k. DALI addressable dimming; dims - 3000mm (L) x 88mm (W) x 87mm (H); ref. LT09A                                | Type LT-09A | Lounge, Meeting Room  | No.  | Recessed Lightway U060 IP40 22W/m - 2185lm/m-3000k-White-with diamond Prism-Approx-length 3000mm Dimmable Driver.  |       |
| 402.00                               | groove - recessed LED linear with microprism diffuser low power modules, dynamic controllable white LED. Ugr<19, 36W, 94lm/W, 3000°k. DALI Addressable Dimming; dims - 1800mm (L) x 88mm (W) x 87mm (H); ref. LT09B                                | Type LT-09B | Meeting Room  | No.  | Recessed Lightway U060 IP40 22W/m - 2185lm/m-3000k-White-with diamond Prism-Approx-length 1800mm Dimmable Driver.  |       |
| 21.00                                | groove - recessed led linear with microprism diffuser low power modules, dynamic controllable white led. ugr<19, 84w, 94lm/w, 3000°k. Dali addressable dimming; dims - 4200mm (l) x 88mm (w) x 87mm (h); ref. LT09C                                | Type LT-09C | Meeting Room  | No.  | Recessed led linear profile. Aluminum body. Opal plexiglass diffuser. Led 36.7 W/m. 4000K. 4750 lm/m. Price for 1200 mm Complete with end cap & joint & DALI driver  | LUG   |
| 1.00                                 | axo light skin sp ek 1.100 - suspended pendant in rosso; dims - 1600mm (dia) x 300mm (h); ref. LT12  | TYPE-LT12   | Meeting Room  | No.  | VERNO 7 T / 2X28W / T5 / ELEC BALLAST  |       |
| 115.00                               | pipes XS -recessed adjustable power led spotlight with high efficiency optics, polycarbonate body. 6w, wide beam, cri>85, 690lm and cct 3000°k. dali addressable dimming. Dims - 60mm (dia) x 105mm (h); Dims - 60mm (Dia) X 105mm (H); ref. LT-14 | TYPE-LT14   | Toilet  | No.  | Recessed adjustable spotlight IP20. Led 7.5W 3000K. 1000 lm. Complete with DALI driver.  |       |
| 4.00                                 | light fields -suspended luminaire with mpo + micropyramidal optic, 3000°k, 111lm/w. dynamic controllable white LED. dali addressable dimming; dims - 1218mm(l) x 288mm(w) x 28mm(h); ref. LT-15  | TYPE-LT15   | Meeting Room  | No.  | Pendant linear luminaire. Aluminum body. Microprismatic diffuser. Led 35W 3420lm 3000K. IP40. Length 1240mm. Complete with DALI driver   |       |
| 3.00                                 | light fields - suspended luminaire with mpo + micropyramidal optic, 3000°k, 111lm/w. dynamic controllable white led. dali addressable dimming; dims -1200mm (l) x 1200mm (w) x 28mm (h); ref. LT-16  | TYPE-LT16   | Meeting Room  | No.  | Pendant linear luminaire. Aluminum body. Microprismatic diffuser. Led 35W 3420lm 3000K. IP40. Length 1240mm. Complete with DALI driver   |       |
| 3.00                                 | dimples - suspended cluster of dimple pendant. dynamic controllable white LED. DMX interactive control; dims - 120mm (Dia), 150mm (Dia), 180mm (Dia); ref. LT-18   | TYPE-LT18   | Meeting Room  | No.  | Pendant decorative luminaire. For 3x60W max. E27 lamps. Complete with equivalent led lamps   |       |
| 8.00                                 | model 2333 - halo circular hanging pendant light, 8345Lm, 3000°k. DALI; dims - 555mm (Dia); ref. LT-19   | TYPE-LT19   | Meeting Room  | No.  | IMPERIAL 0C3514.PND.LL5200/830 PLAF0 650 LED PND 35W 3000K IP20 With Dali  |       |
| 4.00                                 | model 2331 - halo circular hanging pendant light, 4171Lm, 3000°k. DALI; dims - 555mm (Dia); ref. LT-19a  | TYPE-LT19A  | Conference Room, Corridor                                     | No.  | IMPERIAL 0C3514.PND.LL5200/830 PLAF0 650 LED PND 35W 3000K IP20 With Dali  |       |
| 2.00                                 | semplice - suspended soft and homogenous emission luminaire, cri 80, 24w, 2064lm, 3000°k. dali addressable dimming dims - 624mm (l) x 60mm (w) x 80mm (h); Dims - 624mm (L) X 60mm (W) X 80mm (H); ref. LT-19b                                     | TYPE-LT19B  | Conference Room, Corridor                                     | No.  | NOVUS OUT OPAL TAPE LED / EDISON / 15W/m / 3000K/4000K / 2000lm/m / + REMOTE DRIVER DALI DIMMABLE / L:1,00m + SUSPENSION SET H:1,25m. WHITE / BLACK / ANOXAL   |       |



Handwritten signatures and initials, including 'AE' at the bottom right.

ANNEXURE-A

| Lighting as per Tender Specification |  |            |  |      | Alternative product   |       |
|--------------------------------------|--|------------|--|------|---|-------|
| Qty                                  | Description as the Client  | Type       | Location   | Unit | Description as per Quotation  | Brand |
| 3.00                                 | studio line - red circular in velvet black C; dims - 360mm (Dia) x 120mm (H); ref. LT20  | TYPE-LT20  | Private Lounge   | No.  | MALUM 4 E27 + ST CABLE 1.5m + BBR / E27 / 230V. WHITE   |       |
| 5.00                                 |  | TYPE-LT22  | Private Lounge   | No.  | Pendant decorative luminaire. For 3x60W max. E27 lamps. Complete with equivalent led lamps.   |       |
| 32.00                                | pipes TXS -track mounted adjustable power led spotlight with high efficiency optics, polycarbonate body. 5w, narrow beam, cri>85, 690lm and cct 3000°k. dali addressable; dims - 45mm (dia) x 164mm (h); ref.LT28  | TYPE-LT28  | Back of House  | No.  | Proposed type flexi cob led High Output version 5.2 Watt with CRI90, with build in dimmable dali led driver from Tci or Tridonic with track adaptor with data bus                 |       |
| 17.00                                | EF125 - recessed round high efficiency cob led downlight, die cast aluminum body, recessed led low glare system with matt silver reflector, IP44, cri 85, 18w led, 1800lm, 3000°k, 60° beam angle. Dims - 125Mm (Dia) X 87Mm (H); ref. LT29A                   | TYPE-LT29A | Entrance,Clean Room,Store Room   | No.  | HONOR 5 N WHITE OPTIC / S.S.LED / 19W / 3000K/4000K / 40° / 230V. WHITE / BLACK / GREY  |       |
| 5.00                                 | EF150 - recessed round high efficiency cob led downlight, die cast aluminum body, recessed led low glare system with matt silver reflector, IP44, cri 85, 26w led, 2300lm, 3000°k, 60° beam angle. dali addressable; dims - 140mm (dia) x 87mm (h); ref. LT29B | TYPE-LT29B | Exit Corridor  | No.  | HONOR 5 WHITE OPTIC LEV LED / 24W / 3000K / 230V. WHITE / BLACK / GREY  |       |
| 6.00                                 | bright -recessed aluminum cob office luminaire. homogeneous mpo optic, ugr <19, cri 80, 108w, 95lm/w, 3000°k. dali addressable dimming; dims - 5000mm (l) x 38mm (w) x 74mm (h); ref. LT30A  | TYPE-LT30A | Exit Corridor  | No.  | Recessed led linear profile. Aluminum body. Opal plexiglass diffuser. Led 36.7 W/m. 4000K. 4750 lm/m.Price for 4800 mm Complete with end cap & joint & DALI driver.               | LUG   |
| 72.00                                | bright -recessed aluminum cob office luminaire. homogeneous mpo optic, ugr <19, cri 80, 66w, 95lm/w, 3000°k. dali addressable dimming; dims - 3000mm (l) x 38mm (w) x 74mm (h); ref. LT30B   | TYPE-LT30B | CLASS ROOM,Office  | No.  | Recessed led linear profile. Aluminum body. Opal plexiglass diffuser. Led 36.7 W/m. 4000K. 4750 lm/m.Price for 3000 mm Complete with end cap & joint & DALI driver                | LUG   |
| 8.00                                 | bright -recessed aluminum cob office luminaire. homogeneous mpo optic, ugr <19, cri 80, 60w, 95lm/w, 3000°k. dali addressable dimming; dims - 2800mm (l) x 38mm (w) x 74mm (h); ref. LT30C   | TYPE-LT30C | CLASS ROOM,Office  | No.  | Recessed led linear profile. Aluminum body. Opal plexiglass diffuser. Led 36.7 W/m. 4000K. 4750 lm/m.Price for 4800 mm Complete with end cap & joint & DALI driver                | LUG   |
| 3.00                                 | bright -recessed aluminum cob office luminaire. homogeneous mpo optic, ugr <19, cri 80, 144w, 95lm/w, 3000°k. dali addressable dimming; dims - 7200mm (l) x 38mm (w) x 74mm (h); ref. LT30D  | TYPE-LT30D | CLASS ROOM,Office  | No.  | Recessed led linear profile. Aluminum body. Opal plexiglass diffuser. Led 36.7 W/m. 4000K. 4750 lm/m.Price for 7200 mm Complete with end cap & joint & DALI driver.               | LUG   |
| 4.00                                 | bright -recessed aluminum cob office luminaire. Homogeneous mpo optic, ugr <19, cri 80, 18w, 95lm/w, 3000°k. dali addressable dimming; dims - 900mm (l) x 38mm (w) x 74mm (h); ref. LT30E  | TYPE-LT30E | Cafeteria  | No.  | Recessed led linear profile. Aluminum body. Opal plexiglass diffuser. Led 36.7 W/m. 4000K. 4750 lm/m.Price for 900 mm Complete with end cap & joint & DALI driver.                | LUG   |
| 3,109.00                             | recessed aluminum office downlight silver aluminum reflector deep LED position and integral glass optic, ugr <19, 11w, cri 80, 68lm/w, 3000°k. dali addressable; dims - 100mm (dia) x 120mm (h); ref. LT31   | TYPE-LT31  | Entertainment (Level2)Area,Play Area,Babies Area,Waiting Area,Reception,Office | No.  | Recessed downlight. Aluminum body. Transparent glass diffuser. Led 13W 950lm 3000K. IP44. White. Complete with DALI driver  |       |
| 2.00                                 | desk lamps (tbc); ref. LT37  | TYPE-LT37  |  | No.  | Desk lamp. Led GU10 lamp. Black finish.   |       |
| 5.00                                 | custom design pendant light (tbc)  | TYPE-LT38  |  | No.  | custom design pendant light (tbc)   |       |
| 65.00                                | surface mounted installation. 1 x 39 W LED; Luminaire body in white enameled sheet steel (RAL 9016). ref; S1   | TYPE-S1    | Service Lobby,Fire Lobby   | No.  | Surface mounted Downlight. Body made of Stel Sheet and Aluminum. White finish Color. Aluminum mat faceted reflector. IP20. Led 39W 5500lm 4000K.                                  | LUG   |
| 5.00                                 | recessed mounting in ventilated or unventilated suspended ceiling. 1x49W LED   | TYPE-F1    | Service Lobby,Fire Lobby   | No.  | Recessed modular luminaire for modular suspended ceilings. Body made of Powder-Painted Steel Sheet. Opal plexiglass diffuser. IP44. Led 62W 10000lm 4000K. Dimension: 595x595x108 | LUG   |
| 248.00                               | surface mounted, wire and bracket. 1 x 42 W LED; body of glass fibre reinforced polyester; ref L1  | TYPE-L1    | Staircase,Lift Area  | No.  | Weatherproof luminaire. Body and cover made of polycarbonate. Grey finish color. IP65. Led 41W 3850 lm 4000K. Length 1275 mm.   |       |
| 2,526.00                             | LEDpro - architectural rigid linear continuous length low profile extruded aluminum integrated diffuser, 14.4w/m, 651lm/w LED IP33 standard with IP65 & IP67. addressable dimming; dims - various(l) x 16mm (w) x 6mm (h); ref. LT03                           | TYPE-LT03  | Staircase,Lift Area,Toilet   | No.  | Surface mounted led striplight profile with matt diffuser. Led 10W/m 3000K 990 lm/m. Price of 1 m including DALI driver.  |       |
| 41.00                                | ceux - track mounted led with highly efficient optic for uniform distribution, 2650lm, 30w, 3000°k, 38°beam angle, cri 85. dali distribution, 2650lm, 30w, 3000°k, 38°beam angle, cri 85. dali ref. LT33   | TYPE-LT33  | Staircase,Lift Area  | No.  | Track mounted floodlight. Aluminum body. Led 43W 5100lm (source) 3000K. IP20. White   |       |
| 913.00                               | mains or 3 hour self-contained maintained emergency ceiling, 3 W; rigid polycarbonate body and clear polycarbonate lens. LED IP65. ref: Em   | Type EM    | StairCase,Parking Area,Pump room,AHU Room                                      | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65.  |       |
| 218.00                               | mains or 3 hour self-contained maintained emergency ceiling, wall mounted. 3 W; rigid polycarbonate body and clear polycarbonate lens. LED IP65. ref: Em   | Type EM    | StairCase,Parking Area,Pump room,AHU Room                                      | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65   |       |
| 4.00                                 | emergency lighting 5.5w  | Type E2    | StairCase,Parking Area,Pump room,AHU Room                                      | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65   |       |
| 162.00                               | exit sign  | EXIT SIGN  | StairCase,Parking Area   | No.  | Surface mounted exit sign. Led 3W. One side.  |       |
| 25.00                                | exit sign; with directional arrow  | EXIT DI    | StairCase,Parking Area   | No.  | Surface mounted exit sign. Led 3W. Double sides.  |       |
| 16.00                                | exit sign; with bi-directional arrow   | EXIT BI DI | StairCase,Parking Area   | No.  | Surface mounted exit sign. Led 3W. One side.  |       |



Hyder  
101-199227  
101-199226

ANNEXURE-A

| Lighting as per Tender Specification |  |  |   |      | Alternative product   |       |
|--------------------------------------|--|--|---|------|---|-------|
| Qty                                  | Description as the Client  | Type   | Location  | Unit | Description as per Quotation  | Brand |
| 233.00                               | slimduet -track mounted adjustable power LED spotlight with high efficiency optics, polycarbonate body, 18W, 110° beam, cri 80, 1744Lm And Cct 3000°k. DALI addressable dimming; dims - 105mm (L) X 33mm (W) X 55mm (H); ref. LT21 | TYPE 21  | Cafeteria   | No.  | PENDO 1A / S.S.LED / 23W / 3000K / 4000K / 40° / DALI DIMMABLE DRIVER / AD 3C. WHITE / BLACK / GREY   |       |
| 638.00                               | fusion FF1 - fusion fixed led downlight 10 led, 2w, 170lm, 409, cri 85, 3000°k. dali addressable dimming; dims - 45mm (l) x 45mm (w) x 60mm (h); ref. LT-01E   | LT-01E   | Cafeteria, Corridor, Lift Lobby, Restaurant, BOARD ROOM | No.  | MINI TALUS 1F / S.S.LED / 5W / 3000K/4000K / 36° + DALI DIMMABLE DRIVER. WHITE / BLACK / GREY   |       |
| 216.00                               | kalis - recessed aluminum trimless profile with homogeneous optic appearance cri > 85, 69lm/w, 3000°k. dali addressable dimming; dims - various (l) x 36mm (w) x 85mm (h); ref. LT32 (meters)                                      | TYPE-LT32  | Toilet  | No.  | Recessed trimless led profile. Aluminum body. PMMA diffuser. Led 22.2 W/m 3000K. Price for 1 m complete with endcaps, diffuser, and DALI driver                                   |       |
| 6.00                                 |  | TYPE-LT27  | OFFICE  | No.  | Surface mounted luminaire. ABS plastic body. Polycarbonate diffuser. For Max. 8W E27 A type Led lamp. IP54  | LUG   |
| 42.00                                | floodlight, 1 x 110 W LED, IP65. 3000K   |  |   | No.  | Surface mounted via bracket floodlight. Aluminum body. Clear tempered glass diffuser. IP65. Led 100W 3000K 5200 lm 30°. Textured grey finish                                      |       |
| <b>EXTERNAL LIGHTINGS</b>            |  |  |   |      |   |       |
| 64.00                                | die cast aluminum projector, bracket orientable, symmetric 38 degrees, white light, metal halide G12, 35W, 1850-240V, IP68 with junction box lamp 35W MH G12   | die cast aluminum projector, bracket orientable, symmetric 38 degrees, white light, metal halide G12, 35W, 1850-240V, IP68 with junction box lamp 35W MH G12 | External  | No.  | Surface mounted via bracket floodlight. Aluminum body. Clear tempered glass diffuser IP65. 1x35W/70W HIT-CE G12 metal halide lamp. 10° beam angle. Textured grey finish.          |       |
| 52.00                                | die cast aluminum bollards symmetric 32 degrees, white color, metal halide G12 70W, 1850-240V, IP65  | die cast aluminum bollards symmetric 32 degrees, white color, metal halide G12 70W, 1850-240V, IP65  | External  | No.  | Ground mounted bollard. Height 630 mm. Aluminum body. Clear polycarbonate diffuser. IP65. Led 20W 3000K 1200 lm. Textured grey finish   |       |
| 62.00                                | hydroline vetro slim LED; linear slim ground-recessed luminaire; 1000 mm(L); 15W; built-in LED driver 1850-240V; 50-60Hz electronic IP67   | hydroline vetro slim LED; linear slim ground recessed luminaire; 1000 mm(L); 15W; built-in LED driver 1850-240V; 50-60Hz electronic IP67                     | External  | No.  | Recessed in ground linear led profile. Aluminum body. Clear tempered glass diffuser. IP67. Led 31.5W 3000K/4000K 10°-30°-45°-Wall Washer. Length 985 mm. Stainless steel color    |       |
| 6.00                                 | surface mounted, wire and bracket. 1 x 42 W LED; body of glass fibre reinforced polyester; ref L1  | Type L-1   | External  | No.  | Weatherproof luminaire. Body and cover made of polycarbonate. Grey finish color. IP65. Led 41W 3850 lm 4000K. Length 1275 mm.   |       |
| 2.00                                 | surface mounted installation. 1 x 39 W LED; Luminaire body in white enameled sheet steel (RAL 9018). ref; S1   | Type S1  | External  | No.  | Surface mounted Downlight. Body made of Stal Sheet and Aluminum. White finish Color. Aluminum mat faceted reflector. IP20. Led 39W 5500lm 4000K.                                  | LUG   |
| 5.00                                 | surface mounted light including installation 1x39 W LED  | surface mounted light including installation 1x39 W LED  | External  | No.  | Surface mounted Downlight. Body made of Stal Sheet and Aluminum. White finish Color. Aluminum mat faceted reflector. IP20. Led 39W 5500lm 4000K                                   | LUG   |
| 11.00                                | recessed mounting in ventilated or unventilated suspended ceiling. 1x 49W LED  | recessed mounting in ventilated or unventilated suspended ceiling. 1x 49W LED  | External  | No.  | Recessed modular luminaire for modular suspended ceilings. Body made of Powder-Painted Steel Sheet. Opal plexiglass diffuser. IP44. Led 62W 10000lm 4000K. Dimension: 595x595x103 | LUG   |
| 100.00                               | alu profile for LED strip; YD -16; 21X12mm; 6063-T5 Alu; transparent/milky   | alu profile for LED strip; YD -16; 21X12mm; 6063-T5 Alu; transparent/milky   | External  | No.  | Surface mounted led striplight profile with matt diffuser. Led 10W/m 3000K 990 lm/m. Price of 1 m including DALI driver   |       |
| 7.00                                 | mains or 3 hour self-contained maintained emergency ceiling. 3 W; rigid polycarbonate body and clear polycarbonate lens. LED IP65. ref: Em   | Type EM  | External  | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65.  |       |
| 2.00                                 | mains or 3 hour self-contained maintained emergency ceiling, wall mounted. 3 W; rigid polycarbonate body and clear polycarbonate lens. LED IP65. ref: Em   | Type EM  | External  | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65   |       |
| 9.00                                 | emergency lighting 5.5w  | Type E2  | External  | No.  | Surface mounted luminaire for emergency lighting. Maintained. Led 3Hrs autonomy. IP65.  |       |
| 19,155.00                            | <b>GRAND TOTAL</b>   |  |   |      |   |       |



M.K  
A.C

# S1-LUG

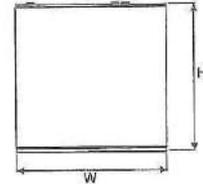
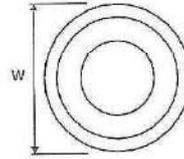
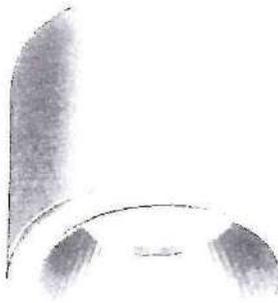


Y/c  
AF



24 LUG<sup>®</sup>  
7 BOX

LUGSTAR LB LED n/t



EN

decorative surface mounted luminaire for LED light sources

PL

dekoracyjna oprawa natynkowa typu downlight na źródła światła LED

DE

Dekoratives LED Downlight



Type: STANDARD | Typ: STANDARD | Art: STANDARD

| Code         | Power | Height | Depth | Length | Width | Weight | CCT  | Ra/CRI | mm      | kg  |
|--------------|-------|--------|-------|--------|-------|--------|------|--------|---------|-----|
| 300031.00042 | 2x18W | 16     | 18    | 2300   | 1900  | 106    | 3000 | ≥80    | 242 238 | 1,7 |
| 300031.00043 | 2x18W | 16     | 18    | 2300   | 1900  | 106    | 4000 | ≥80    | 242 238 | 1,7 |
| 300031.00044 | 2x26W | 22     | 24    | 3000   | 2500  | 104    | 3000 | ≥80    | 242 238 | 1,7 |
| 300031.00045 | 2x26W | 22     | 24    | 3000   | 2500  | 104    | 4000 | ≥80    | 242 238 | 1,7 |
| 300031.00061 | 2x42W | 39     | 44    | 5300   | 3950  | 90     | 3000 | ≥80    | 242 238 | 1,7 |
| 300031.00062 | 2x42W | 39     | 44    | 5500   | 4100  | 93     | 4000 | ≥80    | 242 238 | 1,7 |

Type: DALI | Typ: DALI | Art: DALI

| Code         | Power | Height | Depth | Length | Width | Weight | CCT  | Ra/CRI | mm      | kg  |
|--------------|-------|--------|-------|--------|-------|--------|------|--------|---------|-----|
| 300031.00069 | 2x18W | 16     | 18    | 2300   | 1900  | 106    | 3000 | ≥80    | 242 238 | 1,7 |
| 300031.00070 | 2x18W | 16     | 18    | 2300   | 1900  | 106    | 4000 | ≥80    | 242 238 | 1,7 |
| 300031.00071 | 2x26W | 22     | 24    | 3000   | 2500  | 104    | 3000 | ≥80    | 242 238 | 1,7 |
| 300031.00072 | 2x26W | 22     | 24    | 3000   | 2500  | 104    | 4000 | ≥80    | 242 238 | 1,7 |
| 300031.00063 | 2x42W | 39     | 44    | 5300   | 3950  | 90     | 3000 | ≥80    | 242 238 | 1,7 |
| 300031.00064 | 2x42W | 39     | 44    | 5500   | 4100  | 93     | 4000 | ≥80    | 242 238 | 1,7 |

Luminous flux tolerance +/- 10% | Tolerancja strumienia świetlnego +/- 10% | Lichtstrom-Toleranz +/- 10%

EN

TECHNICAL DATA

Mounting: directly on the ceiling  
Body: steel sheet and aluminium

Colour: white

ELECTRICAL DATA

Electrical connection: max 3x2,5 mm<sup>2</sup> wire

Power: 220-240V 50/60Hz

Includes light sources: yes

Type of equipments: ED, DALI

OPTICAL DATA

Way of lighting: direct

Reflector: aluminium, mat, faceted

ADDITIONAL INFO

Operating temperature range: 0°C... +30°C

Lifetime (L70B50): 50 000 h

GENERAL DATA

Applications: shopping centers, museums, galleries, exhibitions, offices, hotels, public utility facilities

PL

DANE MECHANICZNE

Montaż: bezpośrednio na suficie

Obudowa: stalowa blacha i aluminium

Kolor: biały

DANE ELEKTRYCZNE

Przyłącza elektryczne: przewód max 3x2,5 mm<sup>2</sup>

Zasilanie: 220-240V 50/60Hz

Zawiera źródła światła: tak

Rodzaj osprzętu: ED, DALI

DANE OPTYCZNE

Sposób świecenia: bezpośredni

Odbłyśnik: aluminiowy, matowy, fasetowany

DANE DODATKOWE

Zakres temperatury pracy: 0°C... +30°C

Żywotność (L70B50): 50 000 h

DANE OGÓLNE

Zastosowanie: centra handlowe, muzea, galerie, wystawy, ekspozycje, biura, hotele, obiekty użyteczności publicznej

DE

TECHNISCHE DATEN

Montage: direkt an der Decke

Gehäuse: Stahlblech und Aluminium

Farbe: weiß

ELEKTRISCHE PARAMETER

Elektrischer Anschluss: max 3x2,5 mm<sup>2</sup>

Kabelführung

Strom: 220-240V 50/60Hz

Lichtquelle: inkl.

Ausrüstung: ED, DALI

OPTISCHE PARAMETER

Beleuchtungsart: direkt

Reflektor: Aluminium, matt, facettiert

ZUSÄTZLICHE INFORMATIONEN

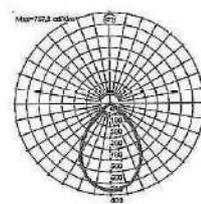
Umgebungstemperatur: 0°C... +30°C

Lebensdauer (L70B50): 50 000 h

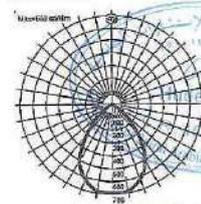
ALLGEMEINE DATEN

Einsatzbereich: Einkaufszentren, Museen, Galerien, Vitriinen, Expositionen, Büroräume, Hotels, gemeinnützige Objekte

300031.00042



300031.00061



The LUG Company reserves right to introduce any construction changes and improvements into the lighting luminaires  
Zastrzegamy sobie prawo zmian konstrukcyjnych w oparciu oświebleniowych  
Wir behalten uns das Recht vor Konstruktionsänderungen an Leuchten vorzunehmen

Yk  
AZ

Type (F1)

# Recessed Modular Light-LUG

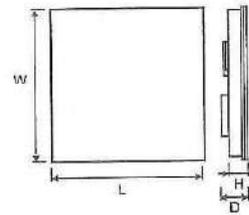


Y.K AF



LUG®

LUGCLASSIC LED p/t



**EN**  
modern recessed luminaire for modular suspended ceilings for LED light sources

**PL**  
nowoczesna oprawa do sufitów modułowych na źródła światła LED

**DE**  
Moderne Leuchte zum Einbau in den abgehängten Moduldecken für LED-Lichtquellen



| Type: 600x600   Typ: 600x600   Art: 600x600 |    |    |       |      |     |      |     |                |         |     |  |
|---|----|----|-------|------|-----|------|-----|----------------|---------|-----|--|
| 060141.5L05.315                             | 31 | 37 | 4800  | 4200 | 114 | 3000 | ≥80 | 595 595 72 103 | 600 600 | 4,5 |  |
| 060141.5L06.315                             | 31 | 37 | 5000  | 4250 | 115 | 4000 | ≥80 | 595 595 72 103 | 600 600 | 4,5 |  |
| 060141.5L07.315                             | 62 | 74 | 9600  | 8400 | 114 | 3000 | ≥80 | 595 595 72 103 | 600 600 | 4,5 |  |
| 060141.5L08.315                             | 62 | 74 | 10000 | 8500 | 115 | 4000 | ≥80 | 595 595 72 103 | 600 600 | 4,5 |  |
| Type: 625x625   Typ: 625x625   Art: 625x625 |    |    |       |      |     |      |     |                |         |     |  |
| 060141.5L05.325                             | 31 | 37 | 4800  | 4200 | 114 | 3000 | ≥80 | 622 622 63 93  | 625 625 | 4,7 |  |
| 060141.5L06.325                             | 31 | 37 | 5000  | 4250 | 115 | 4000 | ≥80 | 622 622 63 93  | 625 625 | 4,7 |  |
| 060141.5L07.325                             | 62 | 74 | 9600  | 8400 | 114 | 3000 | ≥80 | 622 622 63 93  | 625 625 | 4,7 |  |
| 060141.5L08.325                             | 62 | 74 | 10000 | 8500 | 115 | 4000 | ≥80 | 622 622 63 93  | 625 625 | 4,7 |  |

Luminous flux tolerance +/- 10% | Tolerancja strumienia świetlnego +/- 10% | Lichtstrom-Toleranz +/- 10%

**EN**  
**TECHNICAL DATA**  
Mounting: directly in the ceiling construction  
Body: powder-painted steel sheet  
Colour: white  
Diffuser: opal plexiglass (PLX)  
**ELECTRICAL DATA**  
Electrical connection: max 3x2,5 mm<sup>2</sup> wire  
  
Power: 220-240V 50/60Hz  
Includes light sources: yes  
Type of equipment: ED  
**OPTICAL DATA**  
Way of lighting: direct  
**ADDITIONAL INFO**  
Available on request: LED emergency module, luminaires for KNAUF, AME, ROCKFON ceilings (on request)  
Operating temperature range: 0°C... 25°C  
Lifetime (L70B50): 50 000 h  
**GENERAL DATA**  
Application: offices, hospitals, laboratories, supermarkets, classrooms, auditorium

**PL**  
**DANE MECHANICZNE**  
Montaż: bezpośrednio na konstrukcji sufitu  
Obudowa: blacha stalowa malowana proszkowo  
Kolor: biały  
Klosz: pleksi opalowa (PLX)  
**DANE ELEKTRYCZNE**  
Przyłącze elektryczne: przewód max 3x2,5 mm<sup>2</sup>  
  
Zasilanie: 220-240V 50/60Hz  
Zawiera źródła światła: tak  
Rodzaj osprzętu: ED  
**DANE OPTYCZNE**  
Sposób świecenia: bezpośredni  
**DANE DODATKOWE**  
Dostępne na zamówienie: moduł awaryjny LED, oprawy do zastosowania w sufitach KNAUF, AME, ROCKFON (na zamówienie)  
Zakres temperatury pracy: 0°C... 25°C  
Żywotność (L70B50): 50 000 h  
**DANE OGÓLNE**  
Zastosowanie: biura, szpitale, laboratoria, supermarkety, sale lekcyjne, aule

**DE**  
**TECHNISCHE DATEN**  
Montage: direkt an der Deckenkonstruktion  
Gehäuse: pulverbeschichtetes Stahlblech  
Farbe: weiß  
Abdeckung: Opal Plexiglas (PLX)  
**ELEKTRISCHE PARAMETER**  
Elektrischer Anschluss: max 3x2,5 mm<sup>2</sup> Kabelführung  
Strom: 220-240V 50/60Hz  
Lichtquelle: inkl.  
Ausrüstung: ED  
**OPTISCHE PARAMETER**  
Beleuchtungsart: direkt  
**ZUSÄTZLICHE INFORMATIONEN**  
Auf Anfrage verfügbar: LED-Notlichtmodul, Leuchte für KNAUF, AME, ROCKFON Abdeckungen (auf Anfrage)  
Umgebungstemperatur: 0°C... 25°C  
Lebensdauer (L70B50): 50 000 h  
**ALLGEMEINE DATEN**  
Einsatzbereich: Büroräume, Krankenhäuser, Laboratorien, Supermärkte, Unterrichtsräume, Aula

Accessories | Akcesoria | Zubehör



150210.00605

Mounting frame for plasterboard ceilings 595x595  
Ramka g/k do montażu opraw p/t 595x595  
Einbaurahmen 595x595 für Montage in abgehängten Decken

The LUG Company reserves right to introduce any construction changes and improvements into the lighting luminaires  
Zastęwiamy sobie prawo zmian konstrukcyjnych w oprawkach oświetleniowych  
Wir behalten uns das Recht vor Konstruktionsänderungen an Leuchten vorzunehmen



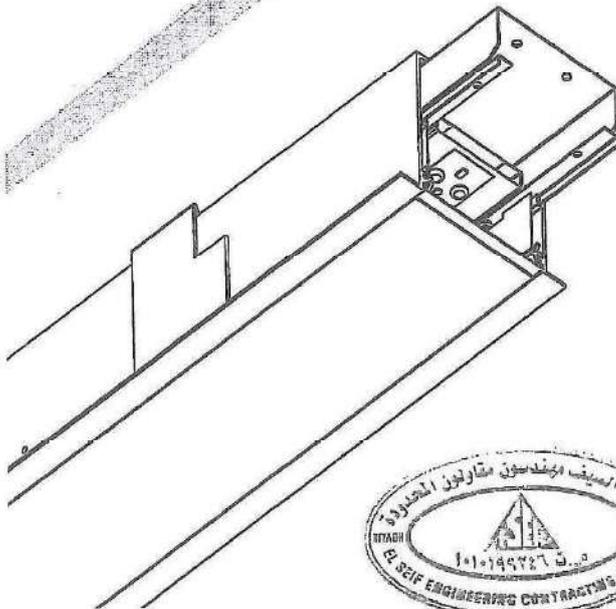
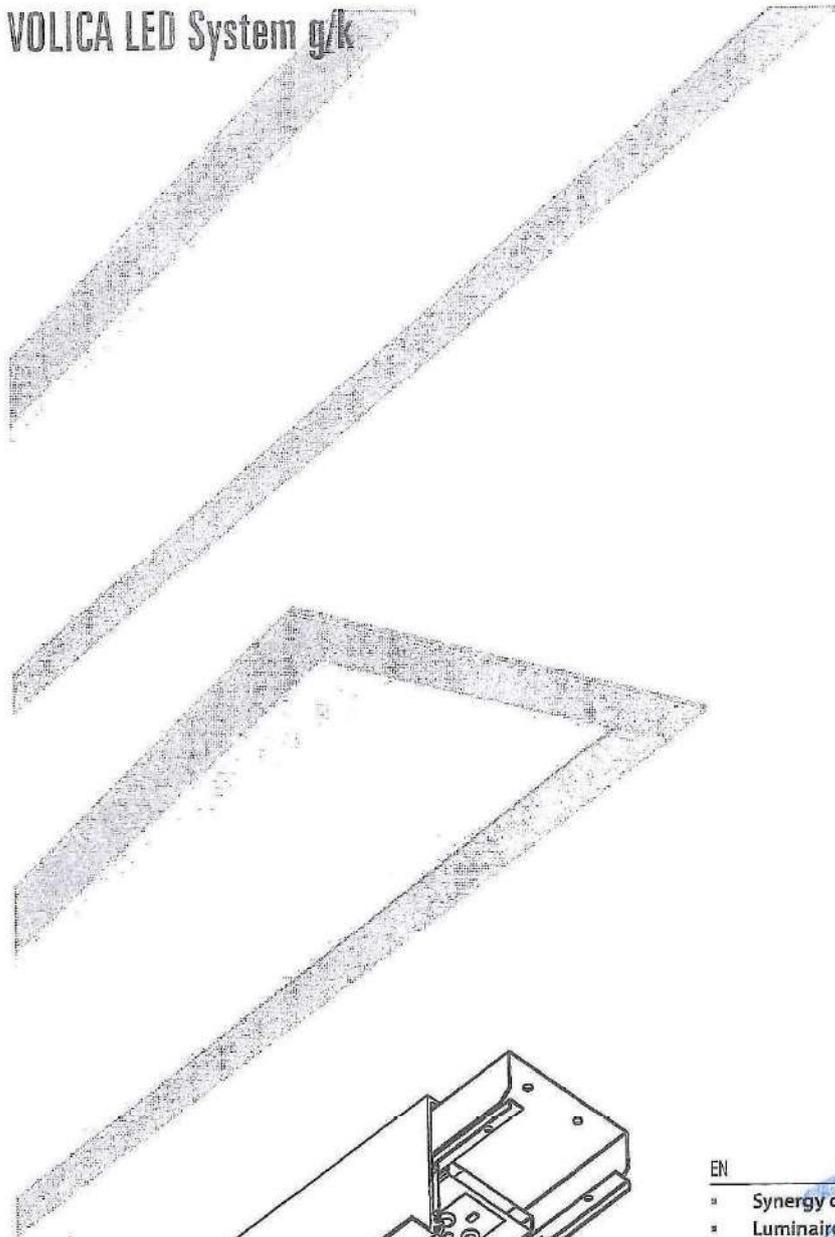
Yls AF

# LT-09C-LUG



**LUG®**

**VOLICA LED System g/k**



EN

- Synergy of design and technology
- Luminaire body made of aluminum
- Maintenance-free operation
- Possible illuminance control

PL

- Synergia wzornictwa i technologii
- Korpus wykonany z aluminium
- Bezobsługowa eksploatacja
- Możliwość sterowania natężeniem oświetlenia

DE

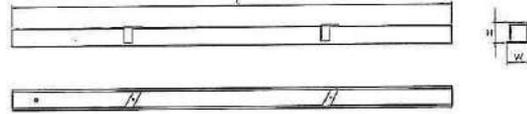
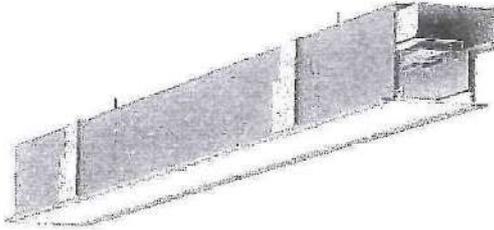
- Synergie von Design und Technologie
- Leuchtenkörper aus Aluminium
- Wartungsfreier Betrieb
- Steuerung der Beleuchtungsintensität





**LUG**

## VOLICA LED System g/k



**EN**

decorative system luminaire for LED light sources for plasterboard ceilings

**PL**

systemowa oprawa do sufitów gipsowo-kartonowych na źródła światła LED

**DE**

dekorative Systemleuchte für die Gipskarton Decke für LED-Lichtquellen

| CODE            | W  | W  | lm   | lm   | lm/W | CCT<br>K | Ra/CRI | mm   | LxWxH | lxW | lxW  | kg |     |
|-----------------|----|----|------|------|------|----------|--------|------|-------|-----|------|----|-----|
| 010382.5L01.541 | 26 | 33 | 3300 | 2250 | 68   | 3000     | ≥80    | 1200 | 104   | 118 | 1214 | 90 | 3,5 |
| 010382.5L02.541 | 26 | 33 | 3400 | 2400 | 73   | 4000     | ≥80    | 1200 | 104   | 118 | 1214 | 90 | 3,5 |
| 010382.5L03.541 | 44 | 49 | 5500 | 3600 | 73   | 3000     | ≥80    | 1200 | 104   | 118 | 1214 | 90 | 3,5 |
| 010382.5L04.541 | 44 | 49 | 5700 | 3850 | 79   | 4000     | ≥80    | 1200 | 104   | 118 | 1214 | 90 | 3,5 |
| 010382.5L05.541 | 31 | 41 | 4100 | 2750 | 67   | 3000     | ≥80    | 1500 | 104   | 118 | 1514 | 90 | 4,5 |
| 010382.5L06.541 | 31 | 41 | 4250 | 3000 | 73   | 4000     | ≥80    | 1500 | 104   | 118 | 1514 | 90 | 4,5 |
| 010382.5L07.541 | 49 | 61 | 6850 | 4550 | 75   | 3000     | ≥80    | 1500 | 104   | 118 | 1514 | 90 | 4,5 |
| 010382.5L08.541 | 49 | 61 | 7100 | 4800 | 79   | 4000     | ≥80    | 1500 | 104   | 118 | 1514 | 90 | 4,5 |

Luminous flux tolerance +/- 10% | Tolerancja strumienia świetlnego +/- 10% | Lichtstrom-Toleranz +/- 10%

**EN**

### TECHNICAL DATA

Mounting: in the ceiling, with mounting brackets (included)

Body: aluminium profile

Colour: gray

Diffuser: opal plexiglass (PLX)

### ELECTRICAL DATA

Electrical connection: max 3x2,5 mm<sup>2</sup> wire

Power: 220-240V 50/60Hz

Includes light source: yes

Type of equipment: ED

### OPTICAL DATA

Way of lighting: direct

### ADDITIONAL INFO

Available on request: DALI

Operating temperature range: 0°C ... 40°C

Additional equipment: aluminium end caps

Lifetime (L70B50): 50 000 h

### GENERAL DATA

Application: offices, hotels, reception desks, classrooms, auditorium, boutiques, museums

**PL**

### DANE MECHANICZNE

Montaż: w suficie, przy pomocy uchwytych (w komplecie)

Obudowa: profil aluminiowy

Kolor: szary

Klosz: pleksi opalowa (PLX)

### DANE ELEKTRYCZNE

Przyłącze elektryczne: przewód max 3x2,5 mm<sup>2</sup>

Zasilanie: 220-240V 50/60Hz

Zawiera źródło światła: tak

Rodzaj osprzętu: ED

### DANE OPTYCZNE

Sposób świecenia: bezpośredni

### DANE DODATKOWE

Dostępne na zamówienie: DALI

Zakres temperatury pracy: 0°C ... 40°C

Wyposażenie dodatkowe: zaślepki aluminium

Żywotność (L70B50): 50 000 h

### DANE OGÓLNE

Zastosowanie: biura, hotele, recepcje, sale lekcyjne, aule, butik, muzea

**DE**

### TECHNISCHE DATEN

Montage: an der Decke, mithilfe der Halterungen (im Lieferumfang enthalten)

Gehäuse: Aluprofil

Farbe: grau

Abdeckung: Opal Plexiglas (PLX)

### ELEKTRISCHE PARAMETER

Elektrischer Anschluss: max 3x2,5 mm<sup>2</sup>

Kabelführung

Strom: 220-240V 50/60Hz

Lichtquelle: inkl.

Ausrüstung: ED

### OPTISCHE PARAMETER

Beleuchtungsart: direkt

### ZUSÄTZLICHE INFORMATIONEN

Auf Anfrage verfügbar: DALI

Umgebungstemperatur: 0°C ... 40°C

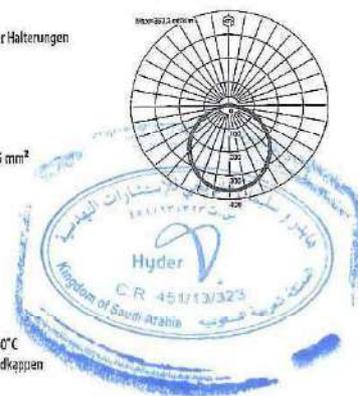
Zusätzliche Ausstattung: Alu-Endkappen

Lebensdauer (L70B50): 50 000 h

### ALLGEMEINE DATEN

Einsatzbereich: Büroräume, Hotels, Empfangsräume, Unterrichtssäle, Aula, Boutiquen, Museen

010382.5L01.541

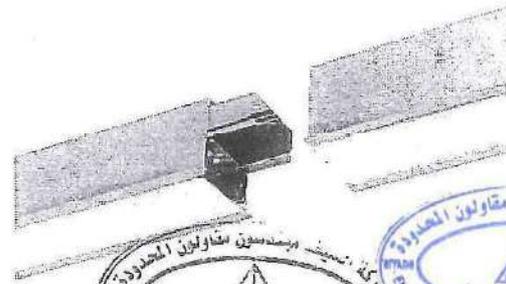


### Accessories | Akcesoria | Zubehör



150032.00651

Luminaire module end cap (2 pcs. - set)  
Zaślepka belki do oprawy (2 szt. - komplet)  
Endkappe Tragshiene zur Leuchte (2 Stück - Set)



The LUG Company reserves right to introduce any construction changes and improvements into the lighting luminaires.  
Zusätzliche Änderungen vorbehalten.  
Wir behalten uns das Recht vor Konstruktionsänderungen an Leuchten vorzunehmen.



Y.k  
A.A

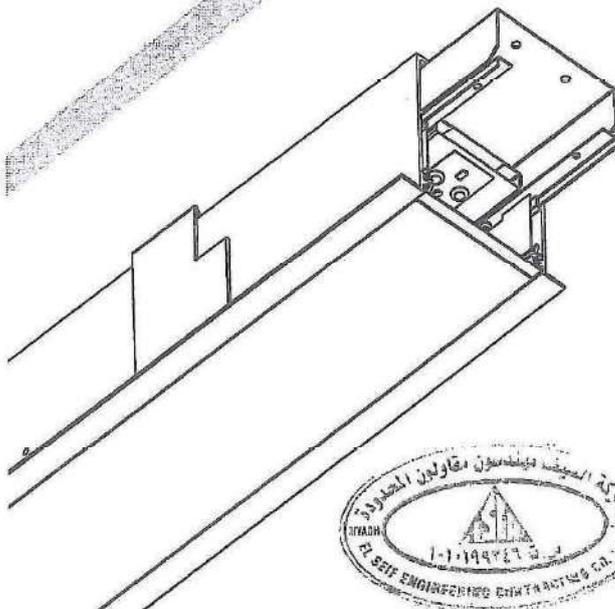
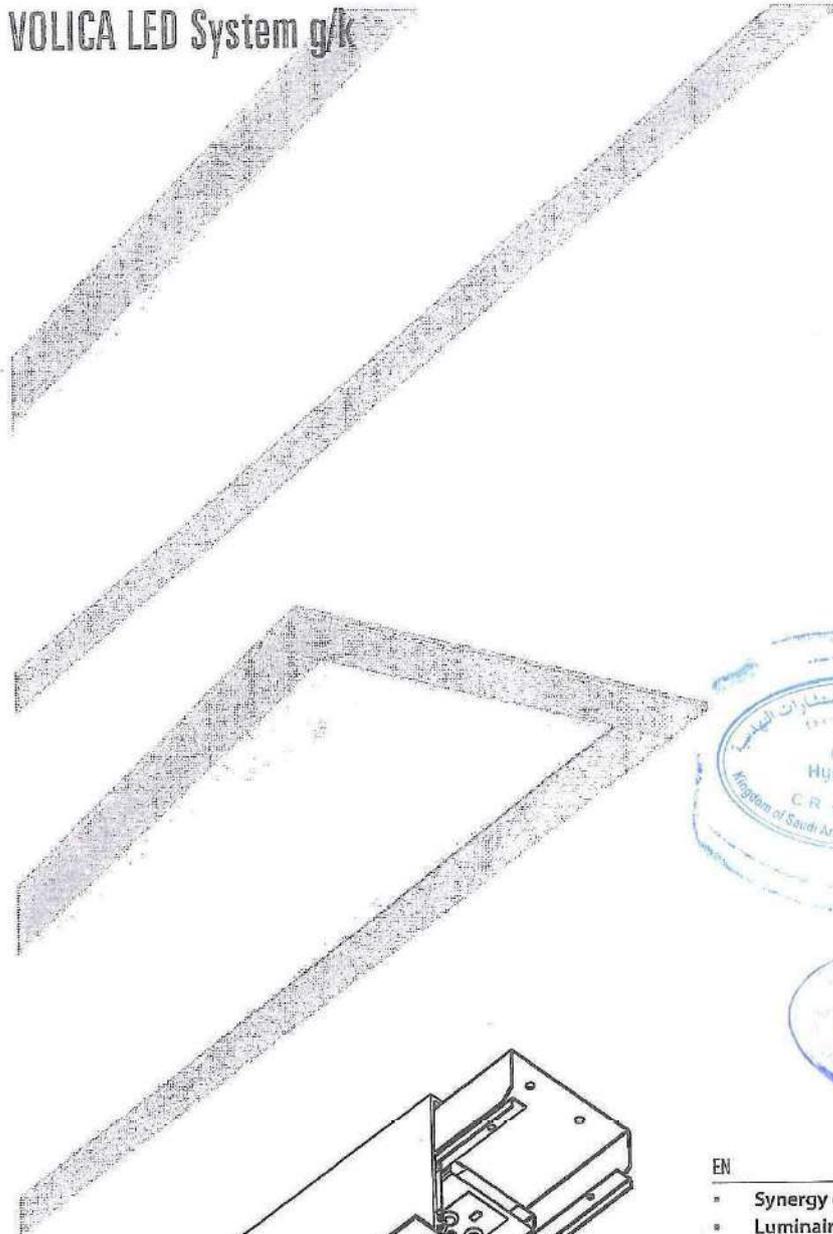
# LT-30A, B, C, D & E-LUG



Y.K  
AF



# VOLICA LED System g/k



### EN

- Synergy of design and technology
- Luminaire body made of aluminum
- Maintenance-free operation
- Possible illuminance control

### PL

- Synergia wzornictwa i technologii
- Korpus wykonany z aluminium
- Bezobsługowa eksploatacja
- Możliwość sterowania natężeniem oświetlenia

### DE

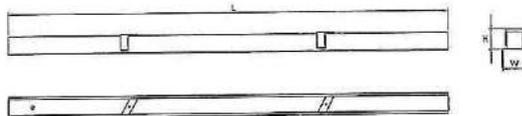
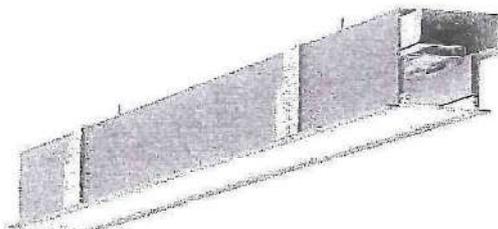
- Synergie von Design und Technologie
- Leuchtenkörper aus Aluminium
- Wartungsfreier Betrieb
- Steuerung der Beleuchtungsintensität

Y.k  
AF



LUG®

# VOLICA LED System g/k



EN

decorative system luminaire for LED light sources for plasterboard ceilings

PL

systemowa oprawa do sufitów gipsowo-kartonowych na źródła światła LED

DE

dekorative Systemleuchte für die Gipskarton Decke für LED-Lichtquellen

| CODE            | W  | W  | lm   | lm   | lm/W | CCT  | Ra/CRI | mm   | LxWxH | LxW | kg   |    |     |
|-----------------|----|----|------|------|------|------|--------|------|-------|-----|------|----|-----|
| 010382.5L01.541 | 26 | 33 | 3300 | 2250 | 68   | 3000 | ≥80    | 1200 | 104   | 118 | 1214 | 90 | 3,5 |
| 010382.5L02.541 | 26 | 33 | 3400 | 2400 | 73   | 4000 | ≥80    | 1200 | 104   | 118 | 1214 | 90 | 3,5 |
| 010382.5L03.541 | 44 | 49 | 5500 | 3600 | 73   | 3000 | ≥80    | 1200 | 104   | 118 | 1214 | 90 | 3,5 |
| 010382.5L04.541 | 44 | 49 | 5700 | 3850 | 79   | 4000 | ≥80    | 1200 | 104   | 118 | 1214 | 90 | 3,5 |
| 010382.5L05.541 | 31 | 41 | 4100 | 2750 | 67   | 3000 | ≥80    | 1500 | 104   | 118 | 1514 | 90 | 4,5 |
| 010382.5L06.541 | 31 | 41 | 4250 | 3000 | 73   | 4000 | ≥80    | 1500 | 104   | 118 | 1514 | 90 | 4,5 |
| 010382.5L07.541 | 49 | 61 | 6850 | 4550 | 75   | 3000 | ≥80    | 1500 | 104   | 118 | 1514 | 90 | 4,5 |
| 010382.5L08.541 | 49 | 61 | 7100 | 4800 | 79   | 4000 | ≥80    | 1500 | 104   | 118 | 1514 | 90 | 4,5 |

Luminous flux tolerance +/- 10%. | Tolerancja strumienia świetlnego +/- 10%. | Lichtstrom-Toleranz +/- 10%.

EN

**TECHNICAL DATA**

Mounting: In the ceiling, with mounting brackets (Included)

Body: aluminium profile

Colour: gray

Diffuser: opal plexiglass (PLX)

**ELECTRICAL DATA**

Electrical connection: max 3x2,5 mm<sup>2</sup> wire

Power: 220-240V 50/60Hz

Includes light source: yes

Type of equipment: ED

**OPTICAL DATA**

Way of lighting: direct

**ADDITIONAL INFO**

Available on request: DALI

Operating temperature range: 0°C ... 40°C

Additional equipment: aluminium end caps

Lifetime (L70B50): 50 000 h

**GENERAL DATA**

Application: offices, hotels, reception desks, classrooms, auditorium, boutiques, museums

PL

**DANE MECHANICZNE**

Montaż: w suficie, przy pomocy uchwytów (w komplecie)

Obudowa: profil aluminiowy

Kolor: szary

Osłona: pleksi opalowa (PLX)

**DANE ELEKTRYCZNE**

Przyłącze elektryczne: przewód max 3x2,5 mm<sup>2</sup>

Zasilanie: 220-240V 50/60Hz

Zawiera źródło światła: tak

Rodzaj osprzętu: ED

**DANE OPTYCZNE**

Sposób świecenia: bezpośredni

**DANE DODATKOWE**

Dostępne na zamówienie: DALI

Zakres temperatury pracy: 0°C ... 40°C

Wyposażenie dodatkowe: zaślepki aluminium

Żywotność (L70B50): 50 000 h

**DANE OGÓLNE**

Zastosowanie: biura, hotele, recepcje, sale lekcyjne, aule, butikł, muzea

DE

**TECHNISCHE DATEN**

Montage: an der Decke, mithilfe der Halterungen (im Lieferumfang enthalten)

Gehäuse: Aluprofil

Farbe: grau

Abdeckung: Opal Plexiglas (PLX)

**ELEKTRISCHE PARAMETER**

Elektrischer Anschluss: max 3x2,5 mm<sup>2</sup> Kabelführung

Strom: 220-240V 50/60Hz

Lichtquelle: inkl.

Ausrüstung: ED

**OPTISCHE PARAMETER**

Beleuchtungsart: direkt

**ZUSÄTZLICHE INFORMATIONEN**

Auf Anfrage verfügbar: DALI

Umgebungstemperatur: 0°C ... 40°C

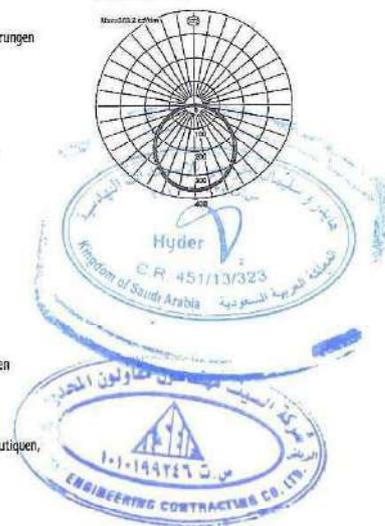
Zusätzliche Ausstattung: Alu-Endkappen

Lebensdauer (L70B50): 50 000 h

**ALLGEMEINE DATEN**

Einsatzbereich: Büroräume, Hotels, Empfangsräume, Unterrichtssäle, Aulas, Boutiquen, Museen

010382.5L01.541

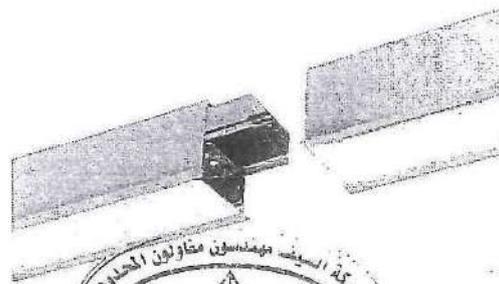


Accessories | Akcesoria | Zubehör



150032.00651

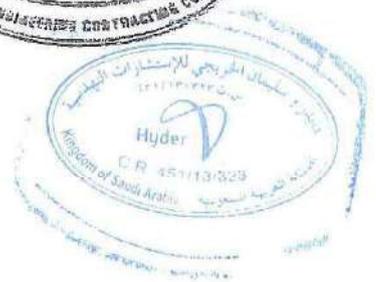
Luminaire module end cap (2 pcs. - set)  
Zaślepka boki do oprawy (2 szt. - komplet)  
Endkappe Tragstiene zur Leuchte (2 Stück - Set)



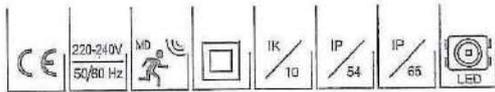
The LUG Company reserves right to introduce any construction changes and improvements into the lighting luminaires.  
Zastępowanie sobie prawo do wprowadzenia zmian konstrukcyjnych i poprawek do wyrobów oświetleniowych.  
Wir behalten uns das Recht vor, Konstruktionssänderungen in Leuchten vorzunehmen.

Y.k  
AA

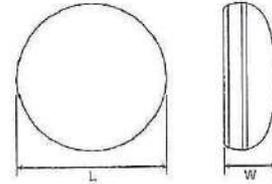
L27-LUG



Y.K  
A.F



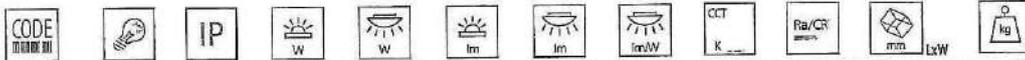
# 2 LUG® 7 BOX PLAO LB LED



**EN**  
modern plafond supplied with LED light sources

**PL**  
nowoczesna plafoniera wyposażona w źródło światła LED

**DE**  
moderne Deckenleuchte mit LED Lichtquelle



| Type: STANDARD  | Type: STANDARD | Art: STANDARD |    |    |      |      |    |      |     |     |    |     |
|---|----------------|---------------|----|----|------|------|----|------|-----|-----|----|-----|
| 300101.00001  | 100W           | IP54          | 8  | 9  | 1100 | 750  | 83 | 3000 | ≥80 | 265 | 95 | 0,7 |
| 300101.00002  | 100W           | IP54          | 8  | 9  | 1150 | 800  | 89 | 4000 | ≥80 | 265 | 95 | 0,7 |
| 300101.00003  | 150W           | IP54          | 10 | 12 | 1450 | 1000 | 83 | 3000 | ≥80 | 265 | 95 | 0,7 |
| 300101.00004  | 150W           | IP54          | 10 | 12 | 1500 | 1050 | 88 | 4000 | ≥80 | 265 | 95 | 0,7 |
| 300101.00025  | 100W           | IP65          | 8  | 9  | 1100 | 750  | 83 | 3000 | ≥80 | 265 | 95 | 0,7 |
| 300101.00026  | 100W           | IP65          | 8  | 9  | 1150 | 800  | 89 | 4000 | ≥80 | 265 | 95 | 0,7 |
| 300101.00027  | 150W           | IP65          | 10 | 12 | 1450 | 1000 | 83 | 3000 | ≥80 | 265 | 95 | 0,7 |
| 300101.00028  | 150W           | IP65          | 10 | 12 | 1500 | 1050 | 88 | 4000 | ≥80 | 265 | 95 | 0,7 |
| Type: Radar motion detector   Type: Radarowy czujnik ruchu   Art: Radar-Bewegungsmelder |                |               |    |    |      |      |    |      |     |     |    |     |
| 300101.00005  | 100W           | IP54          | 8  | 10 | 1100 | 750  | 75 | 3000 | ≥80 | 265 | 95 | 0,8 |
| 300101.00006  | 100W           | IP54          | 8  | 10 | 1150 | 800  | 80 | 4000 | ≥80 | 265 | 95 | 0,8 |
| 300101.00007  | 150W           | IP54          | 10 | 13 | 1450 | 1000 | 77 | 3000 | ≥80 | 265 | 95 | 0,8 |
| 300101.00008  | 150W           | IP54          | 10 | 13 | 1500 | 1050 | 81 | 4000 | ≥80 | 265 | 95 | 0,8 |

Luminous flux tolerance +/- 10% | Tolerancja strumienia świetlnego +/- 10% | Lichtstrom-Toleranz +/- 10%

## EN

### TECHNICAL DATA

Mounting: directly on the ceiling

Body: ABS plastic

Colour: white

Diffuser: polycarbonate

### ELECTRICAL DATA

Electrical connection: max 2x1,5 mm<sup>2</sup> wire

Power: 220-240V 50/60Hz

Includes light sources: yes

Type of equipment: ED

### OPTICAL DATA

Light distribution: rotationally-asymmetric

Way of lighting: direct

### ADDITIONAL INFO

Operating temperature range: 0°C... +25°C

Lifetime (TM21 L90B10): 30 000 h

### GENERAL DATA

Application: public utility facilities, halls, staircases, corridors, hotels

## PL

### DANE MECHANICZNE

Montaż: bezpośrednio na suficie

Obudowa: tworzywo sztuczne ABS

Kolor: biały

Iklosz: poliwęglan

### DANE ELEKTRYCZNE

Przyłącze elektryczne: przewód max 2x1,5 mm<sup>2</sup>

Zasilanie: 220-240V 50/60Hz

Zawiera źródła światła: tak

Rodzaj osprzętu: ED

### DANE OPTYCZNE

Rozsył światła: obrotowo-symetryczny

Sposób świecenia: bezpośredni

### DANE DODATKOWE

Zakres temperatury pracy: 0°C... +25°C

Żywotność (TM21 L90B10): 30 000 h

### DANE OGÓLNE

Zastosowanie: obiekt użyteczności publicznej, hale, klatki schodowe, korytarze, hotele

## DE

### TECHNISCHE DATEN

Montage: direkt an der Decke

Gehäuse: ABS Kunststoff

Farbe: weiß

Abdeckung: Polycarbonat

### ELEKTRISCHE PARAMETER

Elektrischer Anschluss: max 2x1,5 mm<sup>2</sup> Kabelführung

Strom: 220-240V 50/60Hz

Lichtquelle: inkl.

Ausrüstung: ED

### OPTISCHE PARAMETER

Lichtverteilung: rotierend-asymmetrisch

Befeuchtungsart: direkt

### ZUSÄTZLICHE INFORMATIONEN

Umgebungstemperatur: 0°C... +25°C

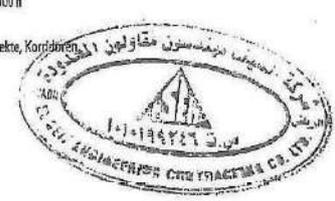
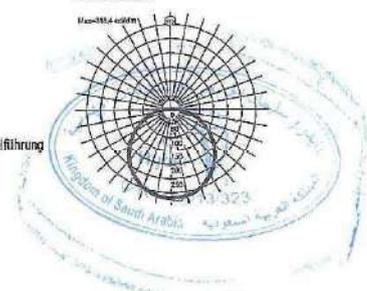
Lebensdauer (TM21 L90B10): 30 000 h

### ALLGEMEINE DATEN

Einsatzbereich: gemeinnützige Objekte, Korridore

Treppen, Flure, Hotels

300101.00001



The LUG Company reserves right to introduce any construction changes and improvements into the lighting luminaires  
Zastrzeżamy sobie prawo zmian konstrukcyjnych w aparach oświetleniowych  
Wir behalten uns das Recht vor Konstruktionänderungen an Leuchten vorzunehmen

Y/k  
A



## المرفقات:

المشروع: انشاء متحف القصيم الاقليمي  
الموضوع: طلب اعتماد شركات توريد وحدات الإنارة  
LUG LIGHTING FIXTURE  
المرفقات: ١ طلب اعتماد - ٢ ص



المحترمين

السادة / شركة جمال عبدالفتاح جارودي للمقاولات

المحترم

عناية المهندس / جمال عبدالفتاح جارودي

ص ب: ٢٠١٨٣ الرياض: ١١٤٥٥ هاتف: ٢٠٥٣٠٣٠ فاكس: ٢٠٥٤٨٤٨

السلام عليكم ورحمة الله وبركاته .....

بالإشارة إلى كتابكم رقم (٩٠١٤٢٩ / أ / ب) وتاريخ ١٤٣٩/٠٨/٢٤هـ، والوارد إلينا برقم (١٣٨٢٧) وتاريخ ١٤٣٩/٠٨/٢٤هـ، وإلى الموضوع المذكور أعلاه، نحيطكم علماً باعتماد شركة الإنارة LUG (بولندي الصنع) كمورد لوحدات الإنارة بالمشروع حسب المواصفات الكهربائية والمتطلبات المعمارية مع مراعاة استكمال التقديرات الآتية: -

- ١- تقديم مقترح لأنواع وحدات الإنارة المستخدمة حسب متطلبات المشروع ومنتجات المورد.
  - ٢- تقديم التفاصيل الفنية لوحدات الإنارة التي سيتم الاتفاق عليها حسب ما تم ذكره بالبند ١.
  - ٣- تقديم ما يفيد بتعديل مستوي تحمل الوحدات لدرجة الحرارة المحيطة بما لا يقل عن ٤٠ د.س.
  - ٤- تقديم حسابات شدة الإنارة بناء على وحدات الإنارة التي سيتم الاتفاق عليها حسب ما تم ذكره بالبند ١.
  - ٥- تقديم شهادات مطابقة المنتج للمواصفات السعودية SASO عند التوريد.
  - ٦- تقديم شهادة المنشأ للمنتج (بولندا) عند التوريد.
  - ٧- تقديم التعهد بضمان توفير جميع الموديلات الموردة للمشروع وملحقاتها لمدة لا تقل عن ١٠ سنوات موثق غرفة تجارية.
- يرجي استكمال المتطلبات حسب ما تم ذكره بعالية.

وتقبلوا تحياتنا .....

المكتب العربي السعودي

مدير ادارة الاشراف وتنفيذ المباني الحديثة

مدير فريق الإشراف

المهندس / رضا عبد الجواد

المهندس / هاني بن سعيد ربحان

- 2- شهادة وكالة شركة/ جمال عبدالفتاح جارودي عن منتجات شركة LUG بالسعودية.
- 3- بخصوص شهادة SASO يتم الحصول عليها خلال إجراءات التوريد للمملكة العربية السعودية.
- 4- تم تقديم إتمادات الجهات الحكومية للمنتج LUG ضمن مستندات التأهيل المسلمة سابقاً.

شاكرين ومقدرين حسن تعاونكم معنا،،،  
وتفضلوا بقبول فائق الإحترام والتقدير،،،

المدير العام

المهندس/ جمال عبدالفتاح جارودي

للتواصل : 0581000200  
أ. سعود القرشي

شركة جمال عبد الفتاح جارودي للمقاولات  
JAMAL JAROUDI CO. FOR CONT.  
س.ت. ١٢ ١٠١٠٠٠٤٤٨٩٣ C.R. 1010044893

|          |                                     |       |                          |      |
|----------|-------------------------------------|-------|--------------------------|------|
| استلمت   | <input checked="" type="checkbox"/> | الاسم | <input type="checkbox"/> | شركة |
| مرفق عدد | عينات للدره                         |       |                          |      |
| الاسم    | أحمد حمد                            |       |                          |      |
| التوقيع  |                                     |       |                          |      |
| التاريخ  | ١٠ / ٥ / ٢٠١٨                       |       |                          |      |

١٣٨٢٧

١٤٣٩/ ٨/ ٢٤



الهيئة العامة للتأهيل والتدريب  
Saudi Commission for Training & Vocational  
sctv.gov.sa  
عينات عدد 9

|   |   |
|---|---|
| مشروع : أعمال تنفيذ متحف القصيم الإقليمي في منطقة القصيم                                | رقم المشروع : 1437/89   |
| الإستشاري   | المقاول<br>شركة جمال عبد الفتاح جارودي  |
|        |  |
| الهبة العامة للسياحة والتراث الوطني<br>Saudi Commission for Tourism & National Heritage |   |
| هاتف : 4614401 فاكس : 4612297   | إدارة المشروعات قسم الإشراف   |
|   | هاتف : 2053030 فاكس : 2054848   |

**REQUEST FOR SAMPLE APPROVAL**

**إعتماد عينه**

|                 |                   |                    |                |                          |        |
|-----------------|-------------------|--------------------|----------------|--------------------------|--------|
| رقم التقديم : 1 | Submittal No. : 1 | التاريخ : 2/5/2018 | Date: 2/5/2018 | نوع العينه : LGT FIXTURE | S_Type |
|-----------------|-------------------|--------------------|----------------|--------------------------|--------|

| رقم الصفحة :                                    | رقم البند :           | Item No.                    | المواصفات المقترحة للبند : | Proposed Spec. For Item |
|---|-----------------------|-----------------------------|----------------------------|-------------------------|
| رقم المواصفات :                                 | رقم البند :           | Item No.                    | المواصفات المقترحة للبند : | Proposed Spec. For Item |
| مكان الاستخدام :                                | الكمية                | LOCATION                    | QUANTITY                   |                         |
| وصف البند حسب العقد :                           | Spec As Per Contract: | رقم العينة                  | إسم العينة                 | بلد المنشأ              |
| Circular recessed downlight 1050lm, IP44        | 1                     | CIRCUAR RECESSED DOWNLIGHT. | POLAND                     | الوكيل:                 |
| C1 - C2   | 1                     |                             |                            | هاتف: 112053030         |
| Surface mounted luminaire 37W, 4750lm           | 2                     | SURFACE MOUNTED LUMINAIRE.  | POLAND                     | الوكيل:                 |
|   | 2                     |                             |                            | هاتف: 112053030         |
| Suspended luminaire 3850lm                      | 3                     | SUSPENDED LUMINAIRE         | POLAND                     | الوكيل:                 |
|   | 3                     |                             |                            | هاتف: 112053030         |
| Wall mounted LED light 8W, IP65                 | 4                     | WALL MOUNTED LED LIGHT.     | POLAND                     | الوكيل:                 |
|   | 4                     |                             |                            | هاتف: 112053030         |
| 21W Recessed mounted luminaire, IP67, length 1m | 5                     | RECESSED MOUNTED LUMINAIRE. | POLAND                     | الوكيل:                 |
|   | 5                     |                             |                            | هاتف: 112053030         |

|   |   |
|---|---|
| توقيع وختم المقاول:   | المهندس المختص:   |
|  |  |
| JAMAL JAROUDI CO. FOR CONT.   | التوقيع:  |
| C.R. 1010044893 12 ١٠١٠٠٤٤٨٩٣ س.ت.  | التاريخ: 2018 / 5 / 2   |

|                                  |                                     |                          |
|----------------------------------|-------------------------------------|--------------------------|
| ملاحظات و توقيع وختم الإستشاري : | التوصية بالموافقه                   | <input type="checkbox"/> |
| موافقة مع ملاحظات                | <input checked="" type="checkbox"/> |                          |
| مرفوض و يعاد للمقاول             | <input type="checkbox"/>            |                          |
| مدير المشروع                     | المهندس المختص:                     |                          |
| التوقيع:                         | التوقيع:                            |                          |
| التاريخ: 2018 / /                | التاريخ: 2018 / /                   |                          |

|                    |                 |
|--------------------|-----------------|
| استلمت المستندات : | مهندس المقاول : |
| التوقيع:           | التاريخ:        |

1- يعبأ النموذج بالكمبيوتر بالألوان من قبل المقاول

ملاحظات هامه : 2- يرفق مع النموذج صورة من جدول الكميات والمواصفات للبند المقدم له العينة

3- لا يستلم النموذج من المقاول حتى يتم إستيفاء كافة البيانات و المرفقات و تطابق مع متطلبات المشروع المعاقبة قبل الرفع للوزارة

البيانات المقدمة للمقاول هي فقط استشارة وتوقيع المقاول

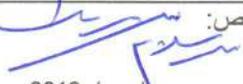
|   |   |   |
|---|---|---|
| رقم المشروع : 1437/89   | مشروع : أعمال تنفيذ متحف القصيم الإقليمي في منطقة القصيم                          |   |
| المقاول<br>شركة جمال عبد الفتاح جارودي  | الإستشاري   |   |
|  |  |  |
| هاتف : 2053030 فاكس : 2054848   | إدارة المشروعات<br>قسم الإشراف  | هاتف : 4614401 فاكس : 4612297   |

REQUEST FOR SAMPLE APPROVAL

إعتماد عينه

|                         |             |                            |                              |            |  |               |                       |                  |
|-------------------------|-------------|----------------------------|------------------------------|------------|--|---------------|-----------------------|------------------|
| S. Type                 | LGT FIXTURE | نوع العينه :               | Date:                        | 2/5/2018   | التاريخ                                  | Submittal No: | 1                     | رقم التقديم :    |
| Proposed Spec. For Item |             | المواصفات المقترحة للبند : |                              |            | Item No.                                 | رقم البند :   | رقم الصفحة :          |                  |
| LUG LIGHTING FIXTURE    |             |                            |                              |            |  |               | رقم المواصفات :       |                  |
|                         |             |                            |                              |            | QUANTITY                                 | الكمية        | LOCATION              | مكان الاستخدام : |
|                         |             |                            |                              |            | Spec As Per Contract:                    |               | وصف البند حسب العقد : |                  |
| JAMAL JAROUDI CO.       | الوكيل:     | بلد المنشأ                 | إسم العينه                   | رقم العينه | LED Flppd light 6100lm, IP65             |               |                       |                  |
| 112053030               | هاتف:       | POLAND                     | FLOOD LIGHT.                 | 6          |  |               |                       |                  |
| 112054848               | فاكس:       | المرفقات: عينه/كتالوج      | رقم الكود: FLD               |            |  |               |                       |                  |
| JAMAL JAROUDI CO.       | الوكيل:     | بلد المنشأ                 | إسم العينه                   | رقم العينه | 15W uplight IP67                         |               |                       |                  |
| 112053030               | هاتف:       | POLAND                     | UPLIGHT                      | 7          |  |               |                       |                  |
| 112054848               | فاكس:       | المرفقات: عينه/كتالوج      | رقم الكود: B4                |            |  |               |                       |                  |
| JAMAL JAROUDI CO.       | الوكيل:     | بلد المنشأ                 | إسم العينه                   | رقم العينه | Circular recessed downlight 1900lm, IP44 |               |                       |                  |
| 112053030               | هاتف:       | POLAND                     | CIRCULAR RECESSED DOWNLIGHT. | 8          |  |               |                       |                  |
| 112054848               | فاكس:       | المرفقات: عينه/كتالوج      | رقم الكود:                   |            | S5 - S - LD22 - M1                       |               |                       |                  |
| 112053030               | هاتف:       | POLAND                     | RECESSED MOUNTED LUMINAIRE.  | رقم العينه | 600x600 mm, 3450lm, IP40                 |               |                       |                  |
| 112054848               | فاكس:       | المرفقات: عينه/كتالوج      | رقم الكود: FLGO              |            |  |               |                       |                  |
|                         | الوكيل:     | بلد المنشأ                 | إسم العينه                   | رقم العينه |  |               |                       |                  |
|                         | هاتف:       |                            |                              |            |  |               |                       |                  |
|                         | فاكس:       | المرفقات: عينه/كتالوج      | رقم الكود:                   |            |  |               |                       |                  |

|   |   |
|---|---|
| توقيع وختم المقاول:   | المهندس المختص:   |
| شركة جمال عبد الفتاح جارودي<br>JAMAL JAROUDI CO. FOR CONT.<br>س.ت. ١٠١٠٠٤٤٨٩٣ 12<br>C.R. 1010044893 | التوقيع: <br>التاريخ: 2018 / 5 / 2 |

|  |  |
|--|--|
| ملاحظات و توقيع و ختم الإستشاري :  | التوصية بالموافقه <input type="checkbox"/>   |
| نظام من اعمار شركة البنا (S&S) الختم لكونه لمرشد الإنشاء على ان يتم<br>تصميم مصنع لادوار ومرشد إنشائه حسب متطلبات الشركة ومتمنياً بحدود<br>بيوعتار | موافقة مع ملاحظات <input checked="" type="checkbox"/>  |
|  | مرفوض و يعاد للمقاول <input type="checkbox"/>  |
| مدير المشروع<br>التوقيع: <br>التاريخ: 2018                      | المهندس المختص:<br>التوقيع: <br>التاريخ: 2018 / |

|                    |                 |
|--------------------|-----------------|
| استلمت المستندات : | مهندس المقاول : |
| التاريخ :          | التوقيع :       |

- 1- يعبا النموذج بالكمبيوتر بالألوان من قبل المقاول
- 2- يرفق مع النموذج صورة من جدول الكميات والمواصفات للبند المقدم له العينه
- 3- لا يستلم النموذج من المقاول حتى يتم إستيفاء كافة البيانات و المرفقات و تطابق مع متطلبات المشروع التعاقدية قبل الرفع للوزارة

البيانات الواردة هي فقط استشارية وسو يجب تفصيل نسبة الإنشاء.

# Legal Documents

رخصة أبوظبي الاقتصادية  
Abu Dhabi Economic Licence

## تفاصيل الرخصة

## Licence Details

|                          |   |   |                    |
|--------------------------|---|---|--------------------|
| Licence Type             | Business                                  | تجارية                                    | نوع الرخصة         |
| Licence Category         | Normal                                    | عادية                                     | فئة الرخصة         |
| Licence No.              | CN-1060162                                |   | رقم الرخصة         |
| Unified Registration No. | 101-2021-100005049                        |   | رقم التسجيل الموحد |
| Unified Licence No.      | 501-2004-100035397                        |   | رقم الرخصة الموحد  |
| Establishment Date       | 29/05/2004                                |   | تاريخ التأسيس      |
| Issuance Date            | 23/05/2025                                |   | تاريخ الإصدار      |
| Expiry Date              | 31/05/2026                                |   | تاريخ الإنتهاء     |
| Legal Form               | Limited Liability Company                 | شركة ذات مسؤولية محدودة                   | الشكل القانوني     |
| Trade Name               | AURORA CRYSTAL & LIGHTINGS TRADING L.L.C. | الفجر لتجارة الثريات وادوات الانارة ذ.م.م | الإسم التجاري      |

## Ownership and Representatives

## الملكية والممثلين

| ممثل عن<br>Representative of | الدور/المنصب<br>Role/Position | الجنسية<br>Nationality                           | الإسم<br>Name   |
|------------------------------|-------------------------------|--|---|
|                              | شريك<br>Partner               | الإمارات العربية المتحدة<br>United Arab Emirates | ابراهيم عبدالرحمن محمد كرمستجي<br>IBRAHIM ABDULRAHMAN MOHAMED KARAMASTAJI |
|                              | شريك<br>Partner               | تونس<br>Tunisia                                  | ايمان بنت عز الدين سحنون حرم دمق<br>IMEN SAHNOUN EP DAMMAK                |

## Licence Activities

## الأنشطة المرخصة

|   |         |  |
|---|---------|--|
| - Importing   | 4610008 | - استيراد  |
| - Onshore And Offshore Oil And Gas Fields And Facilities Services | 0910018 | - خدمات حقول ومنشآت النفط والغاز البرية والبحرية |
| - Retail Sale of Chandeliers and Lighting Items                   | 4759003 | - بيع الثريات والمعلقات - بالتجزئة               |

## Address

## العنوان

|                 |   |                          |
|-----------------|---|--------------------------|
| Official Email  | ikaramastaji@gmail.com                                      | البريد الإلكتروني الرسمي |
| Official Mobile | +971508000826   | رقم التواصل الرسمي       |
| Address         | أبو ظبي - شارع الفلاح - بناية الشيخ/طحنون بن محمد آل نهيان. | العنوان                  |

## Additional Information

## معلومات إضافية

|                              |        |  |
|------------------------------|--------|--|
| ADCCI No                     | 174367 | رقم عضوية الغرفة                                 |
| MOHRE Establishment Card No. |        | بطاقة المنشأة - وزارة الموارد البشرية والتوطين   |
| ICP Establishment Card No.   |        | بطاقة المنشأة - الهيئة الاتحادية للهوية والجنسية |
| Customs No.                  | 413732 | الرقم الجمركي                                    |





# Certificate Of Registration

Awarded to

**AURORA CRYSTAL & LIGHTINGS TRADING LLC**

at

P.O.BOX NO: 34926, OFFICE NO: 102, SHEIKH TAHNOON BIN MOHAMMED,  
AL NEHAYAN BUILDING, AL FALAH STREET, ABU DHABI, UAE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS & ISO standard requirements for registration of the management system standard detailed below:

**ISO 9001:2015**

Quality Management Systems

Scope of work

TRADING OF LIGHT FITTINGS AND PROVIDING LIGHTING SOLUTIONS

EA 29

Certificate No: AAU-10113

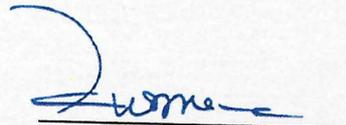
Originally Registered: 06 FEB 2023

Latest Issue: 24 FEB 2026

Valid up-to: 05 FEB 2027

SURV. AUDIT ON OR BEFORE: 05 JAN 2027

RE-CERTIFICATION DUE ON: 05 FEB 2029

  
Quality Registrar Systems



**QUALITY REGISTRAR SYSTEMS**

P.O Box :26826

United Arab Emirates

Tel: +971-2-6714302

Tel: +971-2-3096166

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

**WORLDWIDE CERTIFICATION**

This certificate is the property of Quality Registrar Systems and remains valid subject to satisfactory annual surveillance audit.

This certificate is only valid when confirmed by the Register listed in Quality Registrar Systems ([qrsyst.com](http://qrsyst.com))

# **Our Partners**

ARCLUCE

ARKOS LIGHT

ARCHITECTURAL  
OSCALUZ  
LIGHT

BOLUCE®  
ILLUMINAZIONE



IVELA

kreadesign  
The creative lighting design

ilmas®  
FORME DI LUCE INTELLIGENTE

Eael LUCE®  
*Doing it better*

INDELAGUE

i-LÈD  
led technology

REISS

Unilamp

LANDA  
illuminotecnica

Augenti  
ILLUMINAZIONE

goccia  
ILLUMINAZIONE

SIDE®  
LIGHTING INSTRUMENTS

TRYKA

LUG®  
LIGHT FACTORY

LEIPZIGER  
LEUCHTEN  
LIGHTING SOLUTIONS SINCE 1889

OMS

WIBRE  
EXTERIOR LIGHTING  
UNDERWATER LIGHTING Germany

mizar

Relco  
GROUP®

MD Design Lighting



imperial  
Lighting Factory