



COMPANY PROFILE

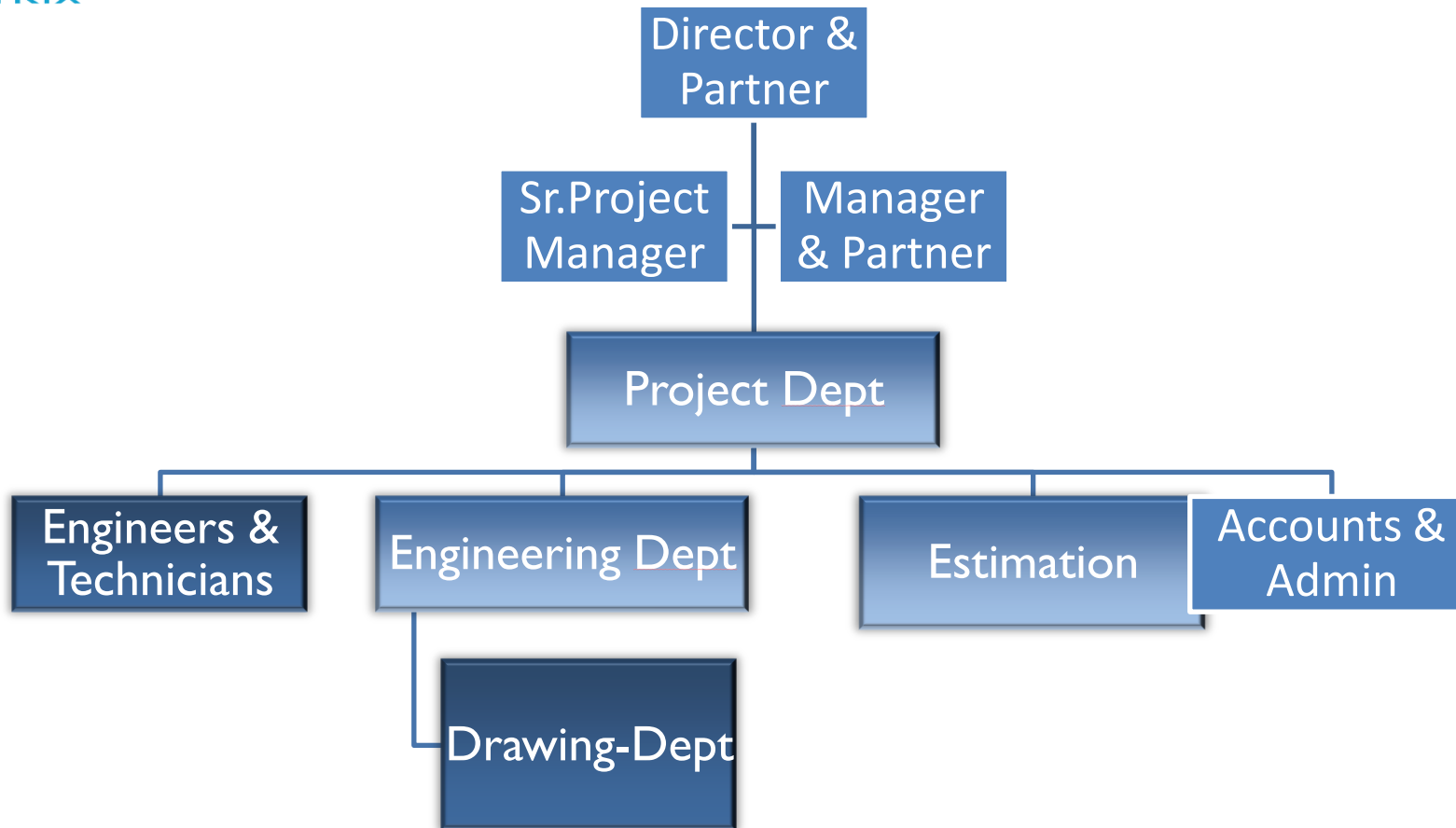
REGISTERED WITH AUTHORITIES



مؤسسة تنظيم الصناعة الأمنية
SECURITY INDUSTRY REGULATORY AGENCY



ORGANISATIONAL STRUCTURE



DATA & VOICE SYSTEMS

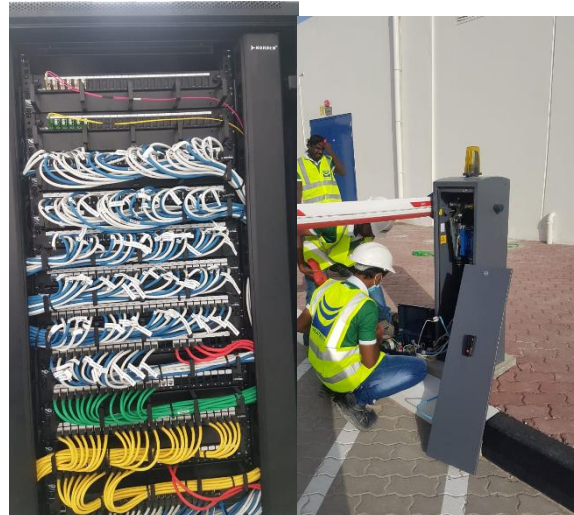


MATRIX has made it amongst the leading project companies of our country regarding network with the important projects it completed with its expert staff on LAN (Local Area Network), WAN (Wide Area Network), and complex networks.

MATRIX service understanding is based on ensuring the continuance of data flow by means of designing complete solutions on the basis of customer requirements, developing efficient solution mechanisms against possible problems, and by showing zero tolerance against any problems that may occur in data flow. Accordingly, at the beginning of every project, **MATRIX** engineers having network setup expertise carry out detailed investigation operations, determine exactly the requests and requirements of the customer, meticulously monitor the implementation of the project, and deliver key-in-hand the network setup by taking into consideration the most current world standards. **MATRIX** main objectives in its project implementations beside maximum customer satisfaction is to provide continuous and efficient data management.

MATRIX which provides investigation, project design, planning, and consultancy services concerning network setup, remote access connections (WAN), RF-ID, and security technologies such as Ethernet, Fast Ethernet, Gigabit, Fiber Optic, and Wireless implements the application-training and consultancy services in the projects it undertakes in wholeness, and due to its expert personnel in this area, it aims to provide service as the only firm for all your network solution needs. Many of the projects completed by **MATRIX** run without any problems in many public and private institutes countrywide.





CLOSED CIRCUIT TV SYSTEMS



MATRIX designs Closed Circuit TV Systems, which have become an indispensable part of electronic security and automation systems over the last 10 years. Our company designs integrated systems for projects taking into account all the requirements envisaged by the customer. Large and small projects are designed by considering the operating scenarios provided by the customer and the risk analysis carried out by the engineers of our company to provide optimum equipment configuration.

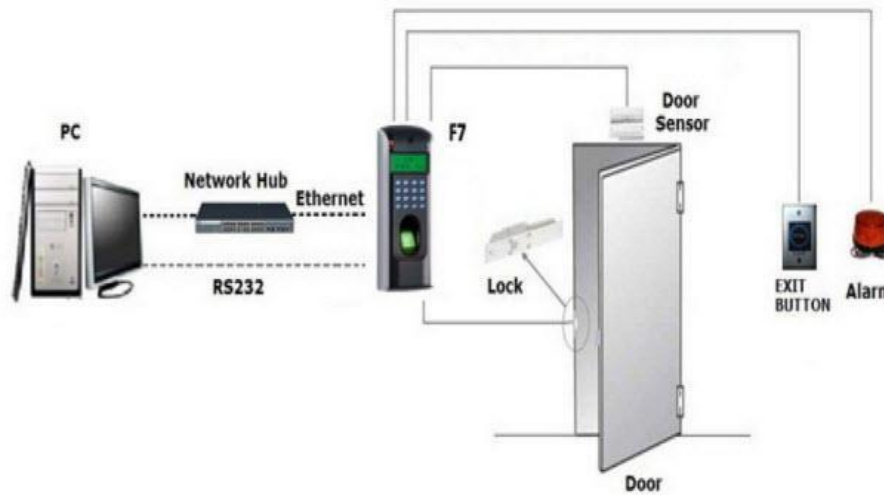
Closed Circuit TV Systems installed for security purposes are normally used to manage the movement of people around the areas to be protected. The videos captured by these cameras are stored either digitally or conventionally. The digitally stored videos can be accessed from a remote location.



ACCESS CONTROL SYSTEMS



MATRIX provides Access Control Systems, which constitute an integral part of electronic security systems, with a wide range of products according to the operating scenarios provided by the customer and the risk analysis carried out by our engineers for the fulfillment of multiple purposes. These are put into operation and delivered as a turnkey optimum equipment configuration.



BIOMETRIC HAND & FINGERPRINT IDENTITY SYSTEMS

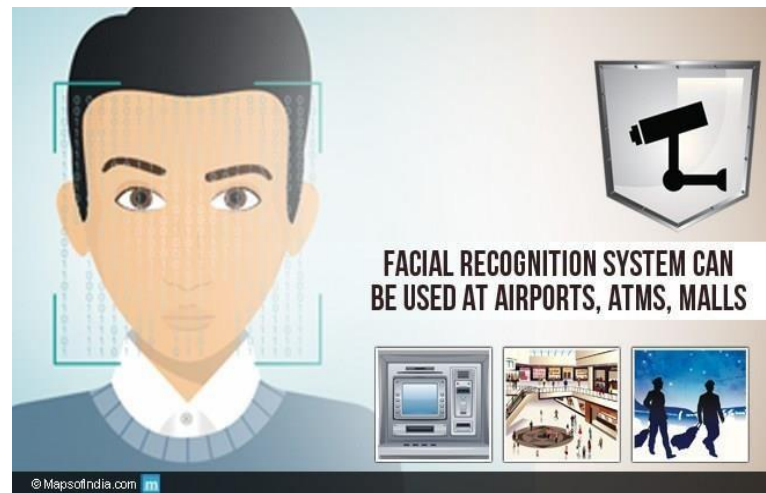
Honeywell



MATRIX has included biometric systems in its Access Control configurations Six years ago. This provides solutions and makes it possible for the system to be integrated according to the scenarios provided by the customer. The systems are therefore installed based on the risk analysis carried out by our company to provide turnkey solutions with an optimum equipment configuration.

Biometric devices, used as stand-alone or integrated systems are designed by making use of the measurable unique physical human characteristics for identity verifications.

Biometric solutions that utilize measurable unique human body parts are as follows: **Finger Print Identification System, Face Recognition System, Iris, Identification System, Retina Identification System, Hand Geometry, Identification System and Vein (Fist) Identification System.**



INTERCOM & VIDEO INTERCOM SYSTEM

urmet

MATRIX designs intercom systems with/without video for the entrance security of homes and offices and offers a wider range of products in this field from small home

AIPHONE®

Systems to large systems for residential estates such as condominiums according to the operating scenario provided by the customer and the risk analysis carried out by our engineers with an optimum equipment configuration.

COMMAX

Intercom systems with or without image transmission are installed in the most suitable places to ensure entrance security. They can be used as stand-alone or networked depending on the number of users and of entrances to be managed.

FERMAX

Depending on the existing wirings of the building or by the request from the customer analog or digital intercom systems can be installed. Depending on installed configurations, the system permits host-visitor communication or communication between occupants of the same building or communication between a caretaker and visitors. In residential estates and condominiums, the system permits communication between the occupants of apartments and the security staff and visitors. Designs are normally carried out according to the chosen option and the budget of the customer.

Comelf
Passion. Technology. Design.



PUBLIC ADDRESS SYSTEMS



MATRIX Designs a public address or PA system is a combination of a set of audio equipment that allows broadcasts over a designated area. Often found in schools, office buildings, Malls. PA systems can be used for announcements or emergency information and provide a simple way to get information out quickly. PA systems can be basic or advanced, and can be adapted to fit a variety of needs.

Basic PA systems are comprised of loudspeakers placed in convenient locations around the broadcasting area, an amplifier to increase the sound, and a mixer, which allows variation in sound levels. The user speaks into a microphone, and the sound is transmitted through connected cables to the area surrounding the speakers. Some systems also include microphones or intercoms near the speaker locations, allowing the listener to reply to the central location, although not to the entire system.



TV SATELLITE SYSTEMS



TRIAx

Televés



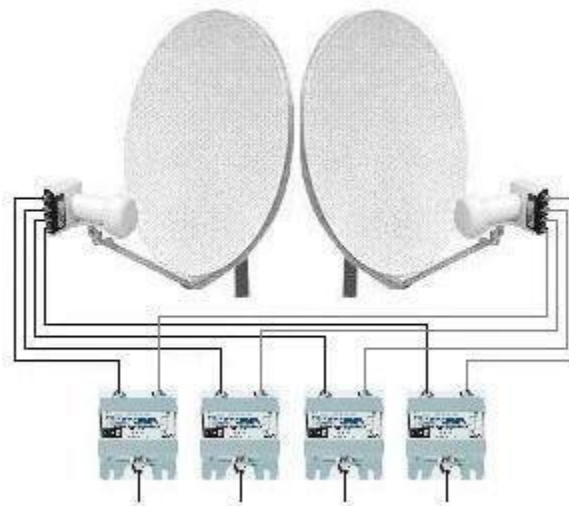
ALCAD



MATRIX

MATRIX Designs Satellite television is television programming delivered by the means of communications satellite and received by an outdoor antenna, usually a parabolic mirror generally referred to as a satellite dish, and as far as household usage is concerned, a satellite receiver either in the form of an external set-top box or a satellite tuner module built into a TV set. Satellite TV tuners are also available as a card or a USB stick to be attached to a personal computer. In many areas of the world satellite television provides a wide range of channels and services, often to areas that are not serviced by terrestrial or cable providers.

Direct-broadcast satellite television comes to the general public in two distinct flavors - analog and digital. This necessitates either having an analog satellite receiver or a digital satellite receiver. Analog satellite television is being replaced by digital satellite television and the latter is becoming available in a better quality known as high-definition television.



GARAGE ENTRANCE CONTROL & INTELLIGENT PARKING MANAGEMENT SYSTEMS



MATRIX ensures integration of a wide range of products under the generic name of “Garage Entrance Control Systems”, including parking lot barriers and Intelligent parking management automation systems for buildings/open areas, and designs them according to the operating scenario provided by the customer and the risk analysis carried out by our engineers and delivers turnkey solutions with an optimum equipment configuration.





TRADE LICENSE



رخصة تجارية Commercial License

تفاصيل الرخصة / License Details

License No.	596560	رقم الرخصة
Company Name	MATRIX MILLENIUM ELECTROMECHANICAL CONTRACTING (L.L.C)	اسم الشركة
Trade Name	MATRIX MILLENIUM ELECTROMECHANICAL CONTRACTING (L.L.C)	الإسم التجاري
Legal Type	Limited Liability Company(LLC)	الشكل القانوني
Expiry Date	10/06/2023	تاريخ الإصدار
D&B D-U-N-S ®	561741955	رقم الرخصة الام
Register No.	1011504	عضوية الغرفة
	التاريخ الإنتهاء	Issue Date
	الرقم العالمي	Main License No.
	رقم المسجل التجاري	DCCI No.

الاطراف / License Members

Share / الحصص	Role / الصفة	Nationality / الجنسية	Name / الإسم	No./رقم الشخص
	Manager / مدير	India / الهند	راجاسيكاران رنغا سامي	325500
			RAJASEKARAN RENGA SAMY	

نشاطات الرخصة التجارية / License Activities

Wireless Telecommunications Equipment Trading	تجارة معدات واجهزة الاتصال اللاسلكي
Electrical Fittings Trading	تجارة ادوات التمديدات الكهربائية
Painting Contracting	اعمال الاصباغ والدهانات
Solar Energy Systems & Components Trading	تجارة معدات واجهزة الطاقة الشمسية ولوازمها
Building Cleaning Services	خدمات تنظيف المباني والمسكن
Security Systems & Equipment Trading	تجارة الاجهزة والمعدات الأمنية
Security Equipment Installation & Maintenance	تركيب الاجهزة والمعدات الأمنية وصيانتها
Building Metal Products Trading	تجارة الاشغال المعدنية للابنية
Internal Communication Network Installation & Maintenance	تركيب شبكات الاتصال الداخلي وصيانتها
Security Control & Alarm Equipment Trading	تجارة اجهزة ومعدات الإنذار والمراقبة

Print Date 27/07/2022 9:30 تاريخ الطباعة Receipt No. 14502875 رقم الإيصال



يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو/اتصالات) للحصول على اذن الدفع.

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



AUTHORITY REGISTRATION CERTIFICATES(TRA & SIRA)



شهادة تسجيل

Registration Certificate

استناداً إلى أحكام المرسوم بقانون الاتحادي رقم 3 لسنة 2003 - في شأن تنظيم قطاع الاتصالات ولائحته التنفيذية وتعديلاتها قامت الهيئة العامة لتنظيم قطاع الاتصالات بتسجيل

Based on the Federal Law by Decree No. 3 of 2003 - Regarding Organization of the Telecommunication Sector and its Executive Order and their amendments The Telecommunication Regulatory Authority (TRA) registers.

ماتركس ميلينيوم للمقاولات الكهروميكانيكية - ش

MATRIX MILLENIUM ELECTROMECHANICAL CONTRACTIN

Certificate Number : **0019618/09** رقم الشهادة :

وفقاً وفقاً للشروط والتراتج والسياسات والأظمة المنقطة لدى الهيئة العامة لتنظيم قطاع الاتصالات

According to the terms, conditions, policies and regulation of the TRA for the period -

Date of Issue : **16-Feb-2015** تاريخ الإصدار : Date of Expiry : **15-Feb-2020** تاريخ انتهاء الصلابة



شهادة تسجيل Registration Certificate

استنادا الى احكام المرسوم بقانون اتحادي رقم ٣ لسنة ٢٠٠٣ في شأن تنظيم قطاع الاتصالات ولأئحته التنفيذية وتعديلاتها، قامت الهيئة العامة لتنظيم الاتصالات بتسجيل

Based on the Federal Law by Decree No. 3 of 2003 - Regarding Organization of the Telecommunication Sector and its Executive Order and their amendments The Telecommunication Regulatory Authority (TRA) registers.

ماتركس ميلينيوم للمقاولات الكهروميكانيكية - ش
MATRIX MILLENIUM ELECTROMECHANICAL CONTRACTIN

Certificate Number : 0019618/09 **رقم الشهادة :**

وذلك وفقا للشروط والوائح والسياسات والأنظمة المطبقة لدى الهيئة العامة لتنظيم قطاع الاتصالات
According to the terms, conditions, policies and regulation of the TRA for the period-

Date of Issue : 27-Feb-2020

تاريخ الإصدار :

Date of Expiry : 26-Feb-2025

تاريخ انتهاء الصلاحية : 26-Feb-2025



شهادة تسجيل

Registration Certificate

استنادا إلى أحكام المرسوم بقانون اتحادي رقم 3 لسنة 2003 - في شأن تنظيم قطاع الاتصالات ولائحته التنفيذية وتعديلاتها قامت الهيئة العامة لتنظيم قطاع الاتصالات بتسجيل

Based on the Federal Law by Decree No. 3 of 2003 - Regarding Organization of the Telecommunication Sector and its Executive Order and their amendments The Telecommunication Regulatory Authority (TRA) registers.

ماتركس ميلينيوم للمقاولات الكهروميكانيكية - ش

MATRIX MILLENIUM ELECTROMECHANICAL CONTRACTIN

Certificate Number : **0019618/09** رقم الشهادة :

وذلك وفقا للشروط والوائح والسياسات والأنظمة المطبقة لدى الهيئة العامة لتنظيم قطاع الاتصالات

According to the terms, conditions, policies and regulation of the TRA for the period -

Date of Issue : **16-Feb-2015** تاريخ الإصدار : Date of Expiry : **15-Feb-2020** تاريخ انتهاء : **15-Feb-2020** الصلاحية



eVerification No. : 96838229 : رقم التحقق الإلكتروني
Passcode : 46D2FCD4 : رمز المرور

Date : 09/01/2023 : التاريخ
Certificate No. : SSP20230109 7503 : المرجع

تنهاجة تسجيل Registration Certificate

License Information

License No. : 596560
Date of Issue : 11/06/2007
Date of Expire : 10/06/2023

بيانات الرخصة

رقم الرخصة : 596560
تاريخ الاصدار : 11/06/2007
تاريخ الانتهاء : 10/06/2023

Company Information

Trade Name : MATRIX MILLENIUM
ELECTROMECHANICAL CONTRACTING
(L.L.C)
Legal Type : Branch of a Dubai-based Company

بيانات المنتهية

الاسم التجاري : ماتركس ميلينيوم للمقاولات الكهروميكانيكية
(ش.ذ.م.م)
الشكل القانوني : فرع شركة مقرها دبي

Licence Activity

Security & Surveillance System Installation & Maintenance
Security Control & Alarm Equipment Trading
Security Devices and Equipment Trading

نشاط الرخصة

تركيب معدات وأجهزة الأمن والمراقبة وصيانتها
تجارة أجهزة ومعدات الإنذار والمراقبة
تجارة الأجهزة والمعدات الأمنية

License Detail

License Owner : SAFIA MOHAMMED RAFI AL KHAJA
Nationality : United Arab Emirates

تفاصيل الرخصة

صاحب الترخيص : صفية محمد رافي الخاجة
الجنسية : الإمارات العربية المتحدة

P.O.Box : 77143 : صندوق البريد : Fax No. : +971-4-3466896 : فاكس : Tel No. : +971-4-3466899 : هاتف

Notes:

- You have to renew this license annually.
- This license is not considered as trade license and any changes or additions will abandon it.

Printed Date: 09/01/2023 20:32:44

System generated certificate does not require signature.

To verify the content of this certificate visit: <http://portal.sira.gov.ae/web/Registration/DocumentVerification> and enter the eVerification No. and Passcode.

ملاحظات:

- يرجى تجديد هذه الرخصة سنويا
- هذا الترخيص لا يعتبر ترخيص تجاري وأي كسط أو تغيير أو اضافة فيه يلغيه

تاريخ الطباعة : 09/01/2023 20:32:44

وثيقة صادرة ومعتمدة من النظام ولا تتطلب توقيع

+971 4 7023 666

+971 4 7023 555

info@sira.gov.ae

30306, دبي, ا.ع.م.



INSTALLER CERTIFICATES



Norden Communication Middle East Fze
Phone: +971 4 3926391 | Fax: +971 4 3926395
P.O. Box: 341072, Dubai Silicon Oasis, Dubai, UAE.

Warehouse
Phone: +971 6 5262516 | Fax: +971 6 5262517
P.O. Box: 49908, Hamriyah Fze, Sharjah, UAE.
E-mail: sales@nordencommunication.ae

Date: 11th October 2018
Ref : LT/MD/187-10/2018.

To: Matrix Millenium Electromechanical Contracting Co. LLC,
Dubai,
United Arab Emirates.

Sub.: Authorized Installer Letter

Dear Sir,

This is to confirm that M/s. **Matrix Millenium Electromechanical Contracting Co. LLC** is an authorized installer for Norden Communication products in **United Arab Emirates**.

M/s. **Matrix Millenium Electromechanical Contracting Co. LLC** staff is competent for design, installation, commissioning and maintenance of networks built with Norden products.

Best Regards,



Joseph K. John
General Manager
Email: josephk@nordenco.ae



Dated: 15October 2018

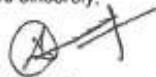
Reference No. SI/2017/051

To,
Ms. Matrix Millenium Electromechanical Contracting Co LLC,
P.O.Box: 77143,
Dubai,
U.A.E.

Authorized Installer for Honeywell Security Systems Certificate

This letter is to state that Arabian Security Devices & Equipment Trading LLC – Authorized Distributor of Honeywell Security & Fire Products operates in U.A.Es; sells and offers, after sales technical support for Honeywell products that are manufactured under the brand name and logo of Honeywell Corporation in USA, hereby confirms that M/s : Matrix Millenium Electromechanical Contracting Co LLC, Dubai– U.A.E is authorized to supply, install, testing & commissioning of Honeywell Security Systems which includes CCTV & access control systems.

Yours sincerely,



Kirubaharan,
Product Manager.

Arabian Security Devices & Equipment Trading L.L.C.
(Authorized Distributor for – Honeywell FIRE & Security)
P.O.Box : 33958, Dubai UAE





Date: 26th of July, 2017

TO WHOM IT MAY CONCERN

SUBJECT: Al Mazroui Authorization to M/s Matrix Millenium Electromechanical Contracting. LLC

PROJECT DETAILS:

Project: B+G+3P+8TYP+9&10Duplex+R building
Location: JVC10CMRM003, Jabel Ali
Client: Roland Developments FZE.
Consultant: Barajeel Engineering Consultants

This is to inform that M/s Matrix Millenium Electromechanical Contracting. LLC is registered with us for the Belden IBDN certified system vendor (CSV) program. Their personals are in the process of attending the various training sessions related to the CSV program. We hereby authorize M/s M/s Matrix Millenium Electromechanical Contracting. LLC to propose and quote for the Belden IBDN structured cabling system for the above mentioned project and will support them for the same.

NB: This certificate is issued upon the request of M/s Matrix Millenium Electromechanical Contracting. LLC and valid for the above mentioned project only.

Al Mazroui ICAS.
Dubai, United Arab Emirates.
+971 44240100





Date: 19/03/2019

Ref: SL/TP/ MATRIX MILLENIUM ELECTROMECHANICAL WORKS LLC/1903-19

Subject: Support Letter: Structured Cabling Systems – G+4 Residential Building-JVC, Dubai UAE

To whomsoever it May Concern

DME Prolink is the Data Communication Division of ECS Global Wire that offers end to end solutions and support on Intelligent Structured Cabling and Data Center. ECS Global Wire & Cable is one of the best managed ISO9001:2015 Certified 35 years' old Canadian company with global head office located in Richmond, BC V6V 2J7 Canada offering high end Electrical and Wiring Solutions to different verticals in the industry.

All the products manufactured by DME Prolink is in strict accordance to the International standards such as ISO/IEC and TIA under strict guidance of DME Prolink technical team. The products are manufactured in different countries and we confirm that all products have underwent rigorous testing for quality check further certified by the most renowned 3rd party Laboratories such as Delta, Intertek and UL before it is shipped out to any customer.

Over the years, we have grown to establish 3 more Regional Offices to support our projects in the Middle East, with Regional Headquarters in Jebel Ali with full-fledged Technical team and testing facilities to assist our partners with continuous support.

We hereby offer full support to M/s MATRIX MILLENIUM ELECTROMECHANICAL WORKS LLC with training initiatives and design orientation programs for the successful installation of the Structured Cabling Systems in G+4 Residential Building-JVC, Dubai UAE.

As a part of value added support we undertake to offer the Client with Site Audit at the time of installation progression to reassure the deployment of the systems complying with international telecommunication standards. DME Prolink certified Engineer will be assigned to visit the site, verify the installation practices and provide full-fledged report along with recommendations on best practices and scope for improvement if required to the consultant/client.

The client qualifies for a 25 years Warranty Program upon successful deployment of DME Prolink solution subject to the standard terms and conditions.

Please get back to the undersigned for any clarifications or support.

Thanks and regards

Sasrik Vallath
Regional Sales Manager – MEA
DME Prolink (ECS Global Wire & Cable)
Jebel Ali Free Zone, PO Box 17159, Dubai, UAE
d: +971 (4) 811.8031 | t: +971 811.8000 | f: +971 (4) 880.9361
m: +971 (50) 153.3998 | e: sasrik@dmepralink.com



April 22nd 2018

Ref: 22042018.02/JJ/LME

To : Whom-so-ever it may concern.

Sub : Certified Installation Partner Authorization letter to Matrix Millenium Electromechanical Contracting LLC Dubai

Dear Sir,

This is to certify that M/s **Matrix Millenium Electromechanical Contracting LLC Dubai (27,Al Quoz 4 Street, Dubai)** is an approved partner of Leviton structured cabling system in the United Arab Emirates. **Matrix Millenium Electromechanical Contracting LLC Dubai** have their design team trained on Leviton products and we assure you of their services.

Matrix Millenium is thus authorized to design, install, test and commission Leviton structured cabling system as per our guidelines and compliance with international cabling standards. 25-years warranty shall be provided on successfully installing Leviton cabling systems by **Matrix Millenium** on the basis of 100% review of the test results by Leviton.

Leviton is a 110-year-old US-based company that operates in more than 85 countries. Leviton specialises in manufacturing Structured Cabling (Data Communications) and Speciality Cabling Solutions within the industry. We have a state of the art cabling manufacturing facility based in Glenrothes, Scotland – United Kingdom that has valid quality and environmental accreditations for our management systems to ISO 9001 and ISO 140001.

This letter is valid for 1 year from date of issue.

We hope the above meets with your approval requirements and feel free to revert to the undersigned for any clarifications that you may need.

Best Regards,

A handwritten signature in blue ink, appearing to read "Jismoan Jacob", is written over a light blue horizontal line.

Jismoan Jacob
Regional Sales Director
M: +971506508518
E: Jismoan.jacob@leviton.com


Leviton Middle East
Business Bay, Bldg3, Office 205
Dubai, UAE

tel 971 4 2479800
fax 971 4 2479888
www.leviton.com

LS Simple™ Certified Installer

LS Cable is pleased to award above status to Matrix Millenium Electromechanical Contracting LLC has been fully qualified by LS Cable to design, install and manage LS Cable's SIMPLE Structured Cabling System products

Company : Matrix Millenium Electromechanical Contracting LLC

Presented by  **Cable**

Expiry Date : July 14th, 2020

Signature : 

On behalf of LS Cable

Certified Opterna® Integrator Structured Cabling Solutions

Certificate No : OME/PRE/17/07

Awarded to :

M/s Matrix Millenium Electromechanical Contracting LLC

Al Qouz - 3

PO Box 77143

Dubai, United Arab Emirates

Tel: +971 4 346 6899, Fax: +971 4 346 6896

Date of original certification : April 4th 2017

Renewed Date : April 3rd 2019

Certificate Validity: 2 years

OPTERNA International
44901, Falcm Place, Suite-116,
Sterling, VA 20166, U.S.A.
Ph: +1 703 853 1130, Fax: +1 703 803 8313

Presented by:



Derek Furtado
Director - Products & Solutions





May 1, 2016

Certificate Of Authorization

This Letter is to certify that Triax Middle East, subsidiary Company of Triax A/S Denmark.

Triax is a world leader in the design, manufacture and assembly of Satellite Master Antenna (SMATV) system for use in Television Entertainment Industry. On December 17, 1993 Triax A/S was found to conform to Quality Standard ISO 9001:2008, TRIAX A/S Certificate No. DNK004772.

Matrix Millennium Electromechanical Contracting LLC is one of our system integrator and authorized to supply and install of Triax brand products to above mentioned project.

Triax is committed to your total satisfaction and to providing high-quality, long-term support and service for our products. If you have any questions or concerns please feel free to contact us.

Yours faithfully,


Omprakash Borushetty
Regional Sales Manager
Email: omb@triax.com



This is to certify that
Infinique EMEA FZC
Has appointed

Matrix Millenium Electromechanical Contracting LLC

As an Authorized Installer for

 **infinique**
Structured Cabling Solution

Registration No: INSC10130
Issue Date: 30th Jan 2010



VP Technology



ALCAD Middle East FZE ح.م.ع. الشرق الأوسط
Tef: +971 4 2146140 :تلفون
Fax: +971 4 2146147 :فاكس
Website: www.alcad.net :موقع إلكتروني
P.O. Box: 54830 Dubai UAE :صندوق بريد
W5A 101 DAFZA Dubai المنطقة الحرة مطار دبي
TRN: 100062630700003

Matrix Millenium Electromechanical Contracting L.L.C
P.O.Box No.77143, Dubai, UAE

07th August 2019

TO WHOM IT MAY CONCERN

ALCAD acknowledges **Matrix Millenium Electromechanical Contracting L.L.C** as an authorized distributor and installer of our products for (SMATV, INTERCOM, IPTV, and Nurse Call) Systems.

ALCAD supports **Matrix Millenium Electromechanical Contracting L.L.C** commercially and technically (with schematic diagrams, technical supports in installations, replacement of faulty items from our warehouse in Dubai Airport Free Zone, etc.) in the promotion of our range of products.

ALCAD gives **2 years guarantee** for any of their products supplied as long as they have not been manipulated in anyway. At the same time, gives 5 years availability of spare parts for any of their products.

Al Baraa Al Khatib
Sales Manager
ALCAD ME FZE



This is to certify that

ISO 9001:2008 Registered Company

**Matrix Millenium Electromechanical Contracting
(L.L.C)**

**Have been Certified to install Techlogiks products
after being examined to have successfully completed
the installation course.**

The Undersigned are the Technical Team of Experts

Technical Director

Kevin Walker

Dated: SEPTEMBER, 2019

Network Specialist

[Signature]

Dated: SEPTEMBER, 2019



Date: September 8, 2019

CERTIFICATE OF AUTHORIZATION

This is to certify that Matrix Millenium Electromechanical Contracting (L.L.C) P.O.Box No.77143, Dubai, UAE. is an authorized distributor & installer for Hikvision products: CCTV System, Video Intercom & Access Control System in the territory of United Arab Emirates.

This authorization is valid from Sep. 2019 to August, 2020.

Should you have any questions regarding this Installer Authorization Letter, please do not hesitate to contact us.

For and on behalf of Hikvision FZE

**Pramod Aliyath**

Dubai Sales Director-UAE

Tel: +971 4 4432090

Fax: +971 4 8816057





Bft Middle East FZCO

September 19, 2019

HRD2019/087

To:
Matrix Millenium Electromechanical Contracting (L.L.C)
P.O.Box No.77143
Dubai, UAE
Tel: +971 4 346 6899

Sub: Authorized Installer

We, BFT Middle East FZCO- Subsidiary of BFT S.p.A.-Italy for the GCC Territory hereby confirm that **Matrix Millenium Electromechanical Contracting (L.L.C)** is authorized to install BFT Gate Barriers.

This certification will be valid from one (1) year from the above mentioned date.

Thank you and best regards,

BFT Middle East FZCO



P.O.Box : 262200, Jebel Ali Free Zone, Dubai - U.A.E - Tel.: +971 4 8863553 - Fax : +971 4 8863993
info@bftme.ae - www.bftme.ae TRN : 100000785400003

شركة ذات مسؤولية محدودة تأسست بموجب القانون رقم ٢ لسنة ١٩٨٦، ووفقاً للائحة التنفيذية رقم ١ لسنة ١٩٩٩
FORMED PURSUANT TO LAW NO. 2 OF 1986 IMPLEMENTING REGULATION NO. 1 OF 1999 WITH LIMITED LIABILITY

- VIDEO DOOR ENTRY SYSTEM
- SURVEILLANCE
- INTRUDER ALARM
- HOME AUTOMATION
- ACCESS CONTROL

P.IVA / Cod.Fis 01546400167
R.E.A. di Bergamo n. 216249
Company Capital € 3.000.000
Internet: <http://www.comelit.eu>
E-mail: info@comelit.it
export.department@comelit.it

Comelit Group S.p.A.
Via Don Arrigoni, 5
24020 Rovetta S.Lorenzo
Bergamo - Italy
Tel. 0346/750011 Fax. 0346/71436
A.E.E. Register IT08010000000126



TO WHOM IT MAY CONCERN

Dubai, 03 October 2019

Ref No: 3102019-1

Project : **B+G+6+R – Residential Building 4210615 at Al Warqa**
MEP/Main Contractor : **M/s. China Railway 18th Bureau Group LLC**
Consultant : **M/s. LACASA Architects & Engineering Consultants**
Client : **M/s. Dubai Equine Hospital**

Dear Sirs,

We are pleased to inform you that M/s Matrix Millenium Electromechanical Contracting LLC is an authorized system integrator for the above mentioned project only.

This certificate is valid for 2019.

We remain at your disposal for any further clarification.

Best regards.


Comelit
GROUP S.P.A.

Aneesh Kiran
Area Manager





Certificate of Authorization

We, Dahua Technology Middle East FZE ("Dahua"), hereby authorize M/s Matrix Millenium Electromechanical Contracting LLC which locates in Oberoi Building, Office, No 102, Al Quoz - 3, P.O.Box: 77143 to promote Dahua's products (CCTV, Video Intercom, Access Control and etc.) to governmental, industrial and commercial sectors within the United Arab Emirates.

This authorization shall be valid for one year. M/s Matrix Millenium Electromechanical Contracting LLC shall not assign this authorization to any other party.

Dahua Technology Middle East FZE

Company Seal:
Date: 1-8-2019



DAHUA TECHNOLOGY MIDDLE EAST FZE

OneJLT07-02, OneJLT, JLT & RA082A04, Jebel Ali Free Zone, Dubai, UAE

Tel: +971 4 399 1806

Email: info.me@dahuatech.com



LIST OF LEADING CONSULTANT WHOM WE WORKED

1. 360 Degree Architecture Engineering Consultant
2. Al Ajmi Engineering Consultant
3. Arenco Architectural & Engineering Consultant
4. UCSEngineering&Consultancy
5. Renaissance Engineering&Consultancy
6. Higher Art Eng. Consultants
7. Archcorp
8. Arkiplan
9. AbdulRahim Architectural Consultants
10. Eng Adnan Saffarine Consultants
11. Dxblab
12. Dar Al Handasah
13. NEB
14. ACW Holding Limited
15. Conin incorporated consultant
16. Al Hawra engineering consultant
17. Bonyan Engineering Consultancy
18. Future Art
19. LACASSA
20. Orion Engineering
21. B&A Engineering
22. Al Saraya Engineering consultants
23. BARAJEE Engineering consultants





LIST OF FOUR CLIENTS

1. Azizi Developments LLC
2. Aresco
3. Shapoorji Pallonji Mideast LLC
4. Mr. Mohd Mahdi Alasmawi & Mr. Abdulla
5. Islamic Affairs & Charitable Activities Dept.
6. IFFCO
7. Riviera Holdings
8. NAFFCO FZCO
9. Lycee Francis Jeanmermoz
10. Dubai Properties
11. Lafi Real Estate
12. Future Tower Contracting LLC
13. Mr. Abdel Latif BelGhouzooz
14. Mr. Abdulla Qassim Abdulla Al Qassim
15. Mr. Tariq Mir Abdulqader Ahmed Khoori
16. Mr. Imtiaz Khodaprofile Residence LTD
17. Mr. Amed Mohd Amin Mohd Seddiq Alkazim
18. CNBM Dubai Logistics Complex Warehouse
19. Abdulrahman Jumand & Farooqarjumand
20. Dr. Habib Al mulla
21. Belco Electromechanical LLC
22. Space Electromechanical Works
23. GCC Contracting LLC
24. Al Tariq Contracting L.L.C









LISTOFPROJECTSHANDLED




Matrix Millenium Electromechanical Contracting L.L.C
P.O.Box: 77143, Dubai, UAE.
Tel: +971-4-3466899, Fax: +971-4-3466896

S.N.	PROJECT DESCRIPTION	CLIENT	CONSULTANT	SCOPE OF WORKS
75	Palace Ajman	HH Sheik	Adnan Safarini	<u>Running Project</u> Structured cabling
74	G- Villa Extension	Alia Abdul Salam A Rafi	Erga Progress Consultant	<u>Running Project</u> IPCCTV, Tele and Data networking, Wifi system
73	B+G+18+R Residential/Comm.Building	Azizi Developments LLC	360 DEGREE Arch.Eng	<u>Running Project</u> Structured cabling IPCCTV, Access Control, Gate Barrier
72	B+G+6+R Residential Building	Uni Estate Properties	Naa Architect	<u>Running Project</u> Structured cabling IPCCTV, SMATV, Access Control, Gate Barrier & ANPR
71	B+G+8+R Residential Building	Amina Mohammad	Al Thuraya Consultant	<u>Running Project</u> Structured cabling IPCCTV, Intercom, Access Control, Gate Barrier
70	B+G+3+R Residential Building		Al Thuraya Consultant	<u>Running Project</u> Structured cabling IPCCTV, Intercom, Access Control, Gate Barrier
69	 2B+G+7+R Residential/Comm.Building - Rivera 14	Azizi Developments LLC	360 DEGREE Arch.Eng	<u>Project Completed on 10/12/2022</u> StructuredCabling & CCTV,Accesscontrol &Intercom
68	 2B+G+9+R Residential/Comm.Building - Rivera 12	Azizi Developments LLC	360 DEGREE Arch.Eng	<u>Project Completed on 15/08/2022</u> StructuredCabling, Accesscontrol&Intercom
67		Azizi Developments LLC	360 DEGREE Arch.Eng	<u>Project Completed on 20/07/2022</u> StructuredCabling, Accesscontrol&Intercom

	2B+G+9+R Residential/Comm.Building - Rivera 11			
66	2B+G+7+R Residential/Comm.Building - Rivera 09 	Azizi Developments LLC	360 DEGREE Arch.Eng	<u>Project Completed on 10/01/2023</u> StructuredCabling & CCTV,Accesscontrol &Intercom
65	2B+G+9+R Residential/Comm.Building - Rivera 10	Azizi Developments LLC	360 DEGREE Arch.Eng	<u>Project Completed on 26/09/2022</u> StructuredCabling, Accesscontrol&Intercom
64	2B+G+7+R Residential/Comm.Building - Rivera 13 	Azizi Developments LLC	360 DEGREE Arch.Eng	<u>Project Completed on 30/11/2022</u> StructuredCabling & CCTV,Accesscontrol &Intercom
63	14 + 8 no(s) G+1 Town Houses	North25	Al Ajmi	<u>Completed -2021</u> Structured cabling IPCCTV Gate Barrier
62	Newseafood ManufacturingProcessing &Cold storageFacility	ASMAK Factory	Al KhawajahE ngineeringC onsultancy	<u>Completed-2020</u> StructuredCabling & CCTV,Accesscontrol, G.B,SMATV, AV,UPS,IPPhone &Active component
61	B+G+M+3 Residential/Comm.Building	Ayesha AbdullaMohda IBadoor	Arkiplan ConsultingA rchitects &Engineers	<u>Completed</u> StructuredCabling
60	B+G+6Storey commercial/res idential building	Dubai Equine Hospital	LACASA	<u>Completed-2020</u> Intercom
59	Proposed B+G+6Storey commercial/res identical building	Dubai Equine Hospital	LACASA	<u>Completed-2020</u> StructuredCabling & CCTV,Accesscontrol, G.B&Intercom






58	4Noof Villas		Arkiplan	<u>Completed</u> StructuredCabling & CCTV,Accesscontrol, G.B&Intercom <u>Completed</u> StructuredCabling,Intercom&Mot ionsensor
	villa,G+1 VillaatGolfestate		ConsultingA rchitects &Engineers	<u>Completed</u> StructuredCabling & CCTV,Accesscontrol, G.B&Intercom <u>Completed</u> StructuredCabling,Intercom&Mot ionsensor <u>Completed</u>
57	G+4Labour accommodation Residential		Archdome Consulting Engineers	<u>Completed</u> StructuredCabling & CCTV,Accesscontrol, G.B&Intercom <u>Completed</u> StructuredCabling,Intercom&Mot ionsensor <u>Completed</u> StructuredCabling
56	Residential Building(2B+G+4)		Dimensions Engineerin g	

55	G+3Labour accommodation	AlRakha GeneralContractingLLC	Renaissance EngineeringConsultants	<u>Completed</u> Structuredcabling,CCTV
54	G+1Warehouse 	Shapoorji Pallonji	Desinhouse Engineering consultancy	<u>completed</u> StructuredCabling
53	G+4Labour accommodation(3no.s) 	Shapoorji Pallonji	MAKS	<u>completed</u> StructuredCabling
52	Mosque  (GR+MZ)+Imam ,Ablution& SchoolBlocks	IslamicAffairs&charitableactivitiesdept.	HighArt EngineeringConsultant	<u>Completed</u> Structuredcabling, IPCCTV,SMATV,PA System andIntercom
51	B+G+3P+8 Typ+9 & 10Duplex	Jumeirah villageL.L.C.	Barajeel EngineeringConsultant	<u>Completed</u> StructuredCabling&SMATV
50	B+G+1Villaat NadAlSheba	Mr.Mohammed Abdulmagiedahmed Qussim Seddiqi	Al SarayaEngineeringConsultants	<u>completed</u> Structuredcabling
49	G+P4+17ResidatJVC	Mr.Mahdi MohdMahdi Alasmawi& Mr.Abdulla	AlSaraya Engineering consultant	<u>Completed</u> Structured Cabling

48	B+G+5Residat DIP 	ARENCO	Arenc Architectural & EngineeringC onsultant	<u>Completed</u> Structuredcabling, IPCCTV,SMATV and VideoIntercom andDoor AccessControl
47	Product& LogisticsFactor y	Sevilli (IFFCO)	B&A Engineering	<u>Completed</u> Structured cabling,IPCCTV,Access <u>Control&PA</u>
46	2B+G+10at Int'lCity	Riviera Holdings	Arkiplan	<u>Completed</u> CCTV Intercom AccessControl
45	G+4-Staff accomdton- DIP-2	Naffco	Orion Engineering	<u>Completed</u> Structuredcabling, SMATVandGB
44	G+1-School	Lycee FrancaisJean Mermoz	FutureArt	<u>Completed</u> Structuredcabling, AccessControl,IPCCTV
43	G+M- Warehouses(56n os)	H.H.Sheik Ahmed BinSaeed AlMaktou m	Bonyan Engineering consultancy	<u>Completed</u> Structuredcabling
42	3B+G+7+R AtAlRaffa	Mr.Abdel Latif BelGhouzooz	HigherArt Eng.Consulta nt	<u>Completed</u> Structuredcabling,CCTV, SMATVand Intercom
41	2B+G+6+GYM AtAlBarsha	Mr.Abdel Latif BelGhouzooz	HigherArt Eng.Consulta nt	<u>Completed</u> Structured cabling,CCTV, SMATVand Intercom
40	B+G+1+R AtJumeirah	Mr.Abdulla QassimAb dulla AlQassim	LACASA	<u>Completed</u> Structured cabling, IP CCTV,SMATV,Intercom andAccess control
39	G+2Residential Building. DIP-1	S.Slootah RealEstate		<u>Completed</u> Structured cabling

38	G+4Staff Accommodationat JEA-Ind	Imdaad	AMEC	<u>Completed</u> IPCCTV,PA System,Wireless, SCS.
37	B+G+6 ResidentialBuildi ng AlWarqaa	Mr.Tariq MirAbdulqader AhmedKhoori	LACASA	<u>Completed</u> Structuredcabling, SMATV,Accesscontrol, Gatebarrier, Intercom,
36	G+4Staff Accommodation atDIP	NAFFCO	Orion Engineering	<u>Completed</u> Structured cabling&SMATV
35	2B+G+4 Residential Buildingat JVC14SMRP005	NAFFCO	Orion Engineering	<u>Completed</u> SMATV
34	B+G+12+R Residential Building ,Dubaisports city,stadium	Mr.Imtiaz Khoda ProfileResidenc e LTD	BH.NS Engineering	<u>Completed</u> Structuredcabling,SMATV,
33	G+4labor accommodation ,JebelAli	Gov.of DubaiReal Estate	LACASA	<u>Completed</u> Structurecabling systemand SMATV
32	3B+G+12 Residential Building AlBarsha	Mr.Abdulla QassimAl Qassim	Abdul Rahiman Architecture and Engineering	<u>Completed</u> Structured cabling,SMATV, Accesscontrol, CCTVandgate barrier
31	4B+G+14 Residential Building, AlBarsha	Mr.Hissam AbdullaAl Qassam	LACASA	<u>Completed</u> Structured cabling,SMATV, Accesscontrol, Gatebarrier, Intercom Gatebarrier,

30	2B+G+6+TYP+H CResidential Building, Al Barsha completed		ENG. ADNAN SAFFARINI	<u>Completed</u> Structured CablingSystem
29	B+G+9+R Residential Building,DSO Finishing	Mr.Abdulla QasimAl- Qasimi	AL KHAWAJAH A	<u>Completed</u> Structured cabling,SMATV, Accesscontrol, Gatebarrier, Intercom
28	J541(35nos) villa,Seinna Views@ Jumeirahgolf estate	LAFIReal Estate	EDMAC	<u>Completed</u> SMATV
27	2B+G+8 Residential& commercial Building-Al Barsha	Mr.Ahmed MohdAmin MohdSeddiq Alkazim	LACASA	<u>Completed</u> Structured cabling,SMATV, Intercom,gate barrier,access controlandCCTV
26	G+1(4nos) villasTown houses-Al Barsha	Mr.HelalAl Marri	dxblab	<u>Completed</u> Structured cabling&Low current
25	G+1-(9nos) villasatDubai Land		Emsquare	<u>Completed</u> Structured cabling
24	G+2-11villas Jumeirahcircle	S.S.Lootah Realestate	ZAS/PSE	<u>Completed</u> Structured cabling&low currentsystems
23	G+4+Roof PalmViews	Nakheel	DarAl Handasah	<u>Completed</u> Access controlsystems
22	G+1(5)Group ofvillas(al Manara)	Abdulla Qassim Abdulla	Abdul Rahman Architectur al Consultant	<u>Completed</u> Structured cabling&Low currentsystems

21	G+1(8)Group of villas(al barsha) 	Ahmad MohdAmin Mohdsediq	Abdul Rahman Architectural Consultant	Completed Structured cabling&Low current systems
20	Canadian university	Canadian university	Greenstyle architect	Completed Power upgradation for the existing facility
19	B+G+4+Loft-GreenPark-A 	DAMAC Oasis	Conin Incorporated Consultants	Completed Structured Cabling
18	2B+G+8Resi. And Commercial Bldng. 	ACW Holding Limited	AlHawra Engineering Consultant	Completed Structural cabling – cat 6 – data/telepoints' points – cat 6 cable pulling, termination, testing & labeling,
17	WareHouse cum office 	CNBMDubai Logistics Complex Warehouse And Office	S. Mehaboob and company consulting engineering	Completed Structural cabling – cat 6 – data/telepoints' points – cat 6 cable pulling, termination, testing & labeling,
16	G+2 consulate complex, umm hurair, dubai 	Govt. of Dubai, Dubai Real estate co-operation	National engineering bureau	Completed Structured cabling and access control, gate barrier

15	G+23no(s) residential building at DIP	S.SLootah RealEstate	-----	Completed structured cabling
14	130 villas & 13 no(s) of g + 3 apartments. (mixed use) alsafa	Meraas development (llc)	Naga	Completed Complete fiber cabling and terminations as per Etisalat's requirements.
13	13 x g + 3 floor staff accommodation - jebel ali industrial zone 1 (nuzul), dubai	Dubai properties	Shadid engineering consultant	Completed Structural cabling - cat 6 - more than 600 points, laid cat 6 cable, termination, and laid 12 core fiber optic cable from 42u cabinet to each 12u cabinets as per Etisalat's specification.
12	G + 3 floor commercial building - dip, dubai	Khalid qasim & abdulrahman	Archicon engineering consultants	Completed Structural cabling - cat 6 - data/telepoints 370 points - per Etisalat's specification done.
11	G+3 floor residential building	Abdulla qasim	Alhatmy engineering	Completed Structural cabling - cat 6 - tele/cat v 444 points done - laid optic 2 core single mode as per Etisalat specification.

10	2×g+5floor residential building	Nara trading	Archicon engineering	<p>Completed Two buildings total 158 residential flats, structural cabling -cat6-more than 600 points, low current systems-audio intercom cu. Wire -160 points for audio, smatv for four satellites (hotbird, neilsat, arabsat and asia sat) installed,</p>
9	G + 2 floor residential building	Mohammada bdulrahmanalrais	Osmanaudeh & associates	<p>Completed Structural cabling -cat6-data/ telepoints 150 points for 70 flats -cat6 cable pulling, termination, testing & labeling, as per etisalat's specification done</p>
8	G + 4 floor commercial building	Abdulrahman jum and farooq arjumand	Archicon engineering consultants	<p>Completed Structural cabling -cat6-data/ telepoints 250 points cat6 cable pulling, termination, testing & labeling, fixing 12 boxes as per etisalat's specification</p>

7	3warehouses+ office + 2workshopsbuilding			Transgulf electromechanical contractingllc		Structuralcabling – cat 6 – data/telepoint s'500 points–cat6 cablepulling, termination, testing&labeling, fixing12uboxes asperetisalat's specification,
6	Departmental store (spinessupermarket)	Awqaf& minors affairs foundation-waqffor masjids	Renaissanceengineering. Consultants	Mammut	Bauerelectrical middleeastllc	Structuralcabling –cat6– data/telepoint s100 pointsfor12 shops-cat6cable pulling, termination, testing&labeling, fixing12u cabinetsasper etisalat's
5	Dr.Habibal mullaoffices&c o.,	Habibal mulla	Frayland			Structuralcabling –cat6– data/telepoint s300 pointsfor3offices -cat6cable pulling, termination, testing&labeling, ipbasedphones, installation& configurationof wirelessaccess points &switches.music system,smatv system
4	Villa-ground flooronly	Mohamed hadiahmed abdullaal hussaini	Dxb-lab	Futuretower	Belco electromechanical contractingllc	Structuralcabling ,lowcurrent systems– audio/video intercomlow currentsystems– smatvcoaxial–6 points



Matrix Millenium Electromechanical Contracting L.L.C.
P.O.Box: 77143, Dubai, UAE.
Tel: +971-4-3466899, Fax: +971-4-3466896

3	26 compoundvillas(b+g+2)	Tarekomar	Nagaarchitectsdesigners	Arabianpeninsulapioneerscontractingllc		Structuralcabling - cat 6 - data/tele points 19points per villa, - cat6cablepulling,termination,testing & labelingdu, low currentsystems - audiointercom.
2	3xg+2+r floor labouraccommodationbuilding	Mohamedtayebmohdyousufkhoory - aikahindustrialest	Albahaengineeringconsultants	Fncllc		Three buildingstotal 110 labourrooms structuralcabling - cat 6 -110 points laidcat6 cable,termination,testing&labelingas per etisalat specification.
1	Warehousescumoffices	Cbabrosinternationalgroup	Visionengineering	Art linecontracting		Structuralcabling - cat 6 - data/tele points' 80points - cat6cable pulling,termination,testing&labeling,



LIST OF SMALL PROJECTS

S.N.	PROJECT DESCRIPTION	CLIENT	CONSULTANT or contractor	SCOPE OF WORKS
1	G+2+Roof Residential & Commercial Building at Al Stawa	Bin Sabt Traders LLC		- Structure Cabling – CAT6 – More than 210 Points, laid optic fiber cable from each 12U cabinet to 42U cabinet at GF.
2	G+M Warehouse at DIP	Darbat Equipments Est.,		- Structure Cabling – CAT6 – More than 25 Points
3	20 Warehouses + Office at DIP	Abduljalil	Ramesh & Associates	Structure Cabling – CAT6 – More than 60 Points, Laid Optic fiber cable to each warehouse and fixed 12U cabinets.
4	9 Warehouses + Office at DIP	Richmond Building Material LLC		Structure Cabling – CAT6 – More than 250 Points
5	11 Warehouses + Office at DIP	Union Contracting Co. L.L.C	Orion Engineering	Structure Cabling – CAT6 – More than 33 Points, laid optic fiber cable and fixed 12U cabinets for all warehouses.
6			Orion Engineering	Structure Cabling – CAT6 – More than 33 Points, laid optic fiber cable and fixed 12U cabinets for all warehouses.
7	G+M E-micool plant at DIP-6	ADCLLC		Structure Cabling – CAT6 – More than 30 Points, Laid Fiber Optic cable from 12U to 42U cabinet
8	G+M E-micool plant at DIP-3	ADCLLC		Structure Cabling – CAT6 – More than 70 Points Laid Fiber Optic cable from 12U to 42U cabinet
9	Majlisat Jumeira	Future Tower		Structure Cabling – CAT 6 – 7 Points, Low current system – Audio Intercom – 1 Panel & 1 handset – 1.5mm Cu. Wire – Door lock, Low current systems – SMATV – 1 Point – Neilsat
10	G+M+1-Naif			Structured cabling



11	<i>G+M+4 residentialandcom mercialatNaif</i>			<i>Structuredcabling</i>
12	<i>B+G+1-Villa</i>	<i>Mr.OsamaSediqi</i>	<i>FutureTower sContracting/ AbdulRahim</i>	<i>Structured cabling,Intercom,SMATV,CC TVandPAsystem</i>
13	<i>G+8 ResidentialBuil dingatDSO</i>	<i>GIGICO</i>	<i>-----</i>	<i>Structuredcabling, Intercom,SMATV</i>
14	<i>G+1VillaatAlB arsha</i>		<i>FutureTower sContracting</i>	<i>Structured cabling,Intercom,SMATV,CC TVandPAsystem</i>
15	<i>G+1VillaatUmma lShief</i>	<i>Mr.AlNajar</i>	<i>FutureTower sContracting</i>	<i>StructuredcablingandI ntercom</i>
16	<i>G+1VaillaatAlB arsha</i>	<i>Mr.AlNajar</i>	<i>Dxblab/Fu tureTower s Contracting</i>	<i>StructuredcablingandI ntercom</i>
17	<i>G - villa (Farmhouse)atal dhaid</i>	<i>Mr. HassanMohamm adAhmadi</i>	<i>Dxblab/Fu tureTower s Contracting</i>	<i>Structuredcablingand SMATV</i>



**PROJECT APPROVED COPY
(FROM ETISALAT/ Du)**



Certificate of Completion

Building Telecom Rooms



Certificate no 2422 Date of issue 26 03 2019
DD / MM / YYYY

Project Name Warehouse and office building

Emirate/City Dubai

Building Name Warehouse and office building on Plot 5310266

GIID DXB_E2975Y_10576

Plot No. 5310266

Client Shapoorji Pallonji Mid East LLC

Consultant Design House consultant

Contractor Matrix Milenium Electromechanical Contracting LLC

Issued By E.I.T.C - du

Issued To Shapoorji Pallonji Mid East LLC

Description of Work Acceptance of Building connection and telecom room

We hereby certify that our works have been completed and we have No Objection on the Whole/Part of the work as defined above after being received from the Contractor/Consultant.

Remarks _____

Department Management

Priya Boney _____
Project manager Signature Date (DD/MM/YYYY) 26/03/2019

Ahmed AlAwadi _____
Director Signature Date (DD/MM/YYYY) 26/03/2019
Program Management & Service Delivery



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		06/08/2019	
Owner Name:	CHC BUILDING CONTRACTING				
Plot:	5992191	NOC No :		Building Type:	Others
DM ECD:		ETC ECD:		Exchange:	JIA
Consultant Name:	CORPORATE PLANNERS			Contact Number:	
Contractor Name:		Contact Number:	551473428		

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			Bulk service
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets				
32A three phase Isolator	Provided			
63A three phase (DB)				
Copper earth bars	Provided			

For any Support Please Contact Etisalat Building Inspection Section on 04-2025414

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	
Drop FO cables	
UTP cables CAT6	
Patch panel for UTP cables	Provided & Approved
Patching cords	
RJ45 sockets	

Civil :	Status
# of Lead/in Ducts:	2 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided not-Connected

Cable:	Status
Main Cable installed:	
Main Cable Terminated:	

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		17/10/2019	
Owner Name:	Naffco				
Plot:	S30907	NOC No :		Building Type:	Others
DM ECD:		ETC ECD:		Exchange:	JTS
Consultant Name:	AL JASSIM			Contact Number:	
Contractor Name:				Contact Number:	551473474

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			BULK SEIRVSE
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets				
32A three phase Isolator	Provided			
63A three phase (DB)				
Copper earth bars	Provided			

For any Support Please Contact Etisalat Building Inspection Section on 04-2025414

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	
Drop FO cables	
UTP cables CAT6	
Patch panel for UTP cables	Provided & Approved
Patching cords	
RJ45 sockets	

Civil :	Status
# of Lead/in Ducts:	2 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided not-Connected

Cable:	Status
Main Cable installed:	
Main Cable Terminated:	

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		17/10/2019	
Owner Name:	Naffco				
Plot:	S30201	NOC No :		Building Type:	Others
DM ECD:		ETC ECD:		Exchange:	JTS
Consultant Name:	ORION			Contact Number:	
Contractor Name:				Contact Number:	551473474

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			BULK SEIRVSE
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets				
32A three phase Isolator	Provided			
63A three phase (DB)				
Copper earth bars	Provided			

For any Support Please Contact Etisalat Building Inspection Section on 04-2025414

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	
Drop FO cables	
UTP cables CAT6	
Patch panel for UTP cables	Provided & Approved
Patching cords	
RJ45 sockets	

Civil :	Status
# of Lead/in Ducts:	2 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided not-Connected

Cable:	Status
Main Cable installed:	
Main Cable Terminated:	

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		17/10/2019	
Owner Name:	Naffco				
Plot:	S30904	NOC No :		Building Type:	Others
DM ECD:		ETC ECD:		Exchange:	JTS
Consultant Name:	ORION			Contact Number:	
Contractor Name:		Contact Number:	551473474		

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			BULK SEIRVSE
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets				
32A three phase Isolator	Provided			
63A three phase (DB)				
Copper earth bars	Provided			

For any Support Please Contact Etisalat Building Inspection Section on 04-2025414

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	
Drop FO cables	
UTP cables CAT6	
Patch panel for UTP cables	Provided & Approved
Patching cords	
RJ45 sockets	

Civil :	Status
# of Lead/in Ducts:	2 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided not-Connected

Cable:	Status
Main Cable installed:	
Main Cable Terminated:	

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		06/09/2018	
Owner Name:	Mr. Farroq and Abdulrahim Arjumand				
Plot:	5981199	NOC No :		Building Type:	New Building
DM ECD:		ETC ECD:		Exchange:	DPN
Consultant Name:	Archicon			Contact Number:	
Contractor Name:				Contact Number:	588903159

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets	Provided			
32A three phase Isolator	Provided			
63A three phase (DB)	Provided			
Copper earth bars	Provided			

For any Support Please Contact Etisalat Building Inspection Section on 04-2025414

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	
Drop FO cables	Provided & Approved
UTP cables CAT6	Provided & Approved
Patch panel for UTP cables	Provided & Approved
Patching cords	Provided & Approved
RJ45 sockets	Provided & Approved

Civil :	Status
# of Lead/in Ducts:	2 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided not-Connected

Cable:	Status
Main Cable installed:	
Main Cable Terminated:	

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		04/07/2018	
Owner Name:	NAFFCO				
Plot:	5970881	NOC No :		Building Type:	Labor Accommodation
DM ECD:		ETC ECD:		Exchange:	DPN
Consultant Name:	ORION			Contact Number:	
Contractor Name:				Contact Number:	551473474

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			For any Support Please Contact Etisalat Building Inspection Section on 04-2025414
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets	Provided			
32A three phase Isolator	Provided			
63A three phase (DB)	Provided			
Copper earth bars	Provided			

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	
Drop FO cables	Provided & Approved
UTP cables CAT6	Provided & Approved
Patch panel for UTP cables	Provided & Approved
Patching cords	Provided & Approved
RJ45 sockets	Provided & Approved

Civil :	Status
# of Lead/in Ducts:	2 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided not-Connected

Cable:	Status
Main Cable installed:	
Main Cable Terminated:	

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		05/09/2018	
Owner Name:	Shapoorji Pallanji				
Plot:	5970337	NOC No :		Building Type:	Labor Accommodation
DM ECD:		ETC ECD:		Exchange:	DPN
Consultant Name:	Maks			Contact Number:	
Contractor Name:				Contact Number:	588903159

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			For any Support Please Contact Etisalat Building Inspection Section on 04-2025414
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets	Provided			
32A three phase Isolator	Provided			
63A three phase (DB)	Provided			
Copper earth bars	Provided			

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	
Drop FO cables	Provided & Approved
UTP cables CAT6	Provided & Approved
Patch panel for UTP cables	Provided & Approved
Patching cords	Provided & Approved
RJ45 sockets	Provided & Approved

Civil :	Status
# of Lead/in Ducts:	2 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided not-Connected

Cable:	Status
Main Cable installed:	
Main Cable Terminated:	

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:

Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		02/07/2018	
Owner Name:	AL HABBAI CONTRACTING				
Plot:	5999211	NOC No :		Building Type:	Labor Accommodation
DM ECD:		ETC ECD:		Exchange:	JIA
Consultant Name:	STYLE CONSULTANT			Contact Number:	
Contractor Name:				Contact Number:	551473474

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			For any Support Please Contact Etisalat Building Inspection Section on 04-2025414
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets	Provided			
32A three phase Isolator	Provided			
63A three phase (DB)	Provided			
Copper earth bars	Provided			

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	
Drop FO cables	Provided & Approved
UTP cables CAT6	Provided & Approved
Patch panel for UTP cables	Provided & Approved
Patching cords	Provided & Approved
RJ45 sockets	Provided & Approved

Civil :	Status
# of Lead/in Ducts:	2 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided not-Connected

Cable:	Status
Main Cable installed:	
Main Cable Terminated:	

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		16/04/2018	
Owner Name:	A.A.ALMOOSA				
Plot:	5981642	NOC No :		Building Type:	New Building
DM ECD:		ETC ECD:		Exchange:	DPN
Consultant Name:	ARENCO			Contact Number:	
Contractor Name:				Contact Number:	551473474

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			For any Support Please Contact Etisalat Building Inspection Section on 04-2025414
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets	Provided			
32A three phase Isolator	Provided			
63A three phase (DB)	Provided			
Copper earth bars	Provided			

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	Provided & Approved
Drop FO cables	Provided & Approved
UTP cables CAT6	Provided & Approved
Patch panel for UTP cables	Provided & Approved
Patching cords	Provided & Approved
RJ45 sockets	Provided & Approved

Civil :	Status
# of Lead/in Ducts:	2 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided & Connected

Cable:	Status
Main Cable installed:	
Main Cable Terminated:	

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		23/01/2018	
Owner Name:	Hassan Abdulla Hassan Belghuzooz.				
Plot:	316-178	NOC No :		Building Type:	New Building
DM ECD:		ETC ECD:		Exchange:	BDC
Consultant Name:	High Art Engineering Consultants		Contact Number:	04-3466899	
Contractor Name:	GCC Contracting		Contact Number:	04-3466899	

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			telephone room & block wiring ready
Room Size	Approved			
Smoke Detector	Approved			
Light Fixtures	Approved			
Emergency light	Approved			
Air condition unit	Approved			
Firefighting unit	Approved			
300mm Cable tray	Approved			
13A twin sockets	Approved			
15A twin sockets	N/A			
32A three phase Isolator	Approved			
63A three phase (DB)	N/A			
Copper earth bars	Approved			

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinets in each premise	Provided & Approved
Drop FO cables	N/A
UTP cables CAT6	Provided & Approved
Patch panel for UTP cables	Provided & Approved
Patching cords	Provided & Approved
RJ45 sockets	Provided & Approved

Civil :	Status
# of Lead/in Ducts:	4 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided not-Connected

Cable:	Status
Main Cable installed:	Not-Installed
Main Cable Terminated:	Not-Terminated

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building Inspector Approval	
Name:	sami yousif



23-01-18

Certificate of Completion

Building Telecom Rooms



Certificate no 2388

Date of issue 24 09 2018
DD / MM / YYYY

Project Name Residential Building JVC17TCP019B

Emirate/City DUBAI / Jumeirah Village South Circle

Building Name Residential Building JVC17TCP019B

GID DXB_E3177R_11298

Plot No. JVC17TCP019B

Client Mr. Mahdi Mohd Mahdi Alasmawi / Mr. Abdulla Abdul Wahed Abdulla Mohammed

Consultant M/s. Al Saraya Engineering Consultants

Contractor M/s. Dubai Walls Construction LLC

Issued By E.I.T.C - du

Issued To M/s. Matrix Milenium Electromechanical Contracting L.L.C

Description of Work Acceptance of Building connection and ISP works

We hereby certify that our works have been completed and we have No Objection on the Whole/Part of the work as defined above after being received from the Contractor/Consultant.

Remarks _____

Department Management

Hessa Al shamsi
Project manager

[Signature]
Signature

24-09-2018
Date (DD / MM / YYYY)

Cof. Ahmed Alswadi
Director
Program Management & Service Delivery

[Signature]
Signature

24-09-2018
Date (DD / MM / YYYY)



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		11/04/2018	
Owner Name:	JAAFARIA (MATTAM)				
Plot:	3541122	NOC No :		Building Type:	Others
DM ECD:		ETC ECD:		Exchange:	QOZ
Consultant Name:	ABDUL RAHIM		Contact Number:		
Contractor Name:			Contact Number: 055 1473474		

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			For any Support Please Contact Etisalat Building Inspection Section on 04-2025414
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets	Provided			
32A three phase Isolator	Provided			
63A three phase (DB)	Provided			
Copper earth bars	Provided			

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	
Drop FO cables	Provided & Approved
UTP cables CAT6	Provided & Approved
Patch panel for UTP cables	Provided & Approved
Patching cords	Provided & Approved
RJ45 sockets	Provided & Approved

Civil :	Status
# of Lead/in Ducts:	2 Lead/in Duct
Lead/in Size:	D54
Lead/in Status:	Provided & Connected

Cable:	Status
Main Cable installed:	Installed
Main Cable Terminated:	Terminated

FDH(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:



Emirates Telecommunications Corporation



Building Inspection Check List

Building NOC Details		Check List Date:		16/04/2018	
Owner Name:	A.A.ALMOOSA				
Plot:	5981642	NOC No :		Building Type:	New Building
DM ECD:		ETC ECD:		Exchange:	DPN
Consultant Name:	ARENCO		Contact Number:		
Contractor Name:		Contact Number:			551473474

Etisalat Room No: X	Ground Floor	Floor	Roof	Remarks:
Door	Approved			For any Support Please Contact Etisalat Building Inspection Section on 64-205444
Room Size	Approved			
Smoke Detector	Provided			
Light Fixtures	Provided			
Emergency light	Provided			
Air condition unit	Provided			
Firefighting unit	Provided			
300mm Cable tray	Provided			
13A twin sockets	Provided			
15A twin sockets	Provided			
32A three phase Isolator	Provided			
63A three phase (DB)	Provided			
Copper earth bars	Provided			

Block Wiring	Status
42U cabinet in main tel room	Provided & Approved
12U cabinet in each premise	Provided & Approved
Drop FO cables	Provided & Approved
UTP cables CAT6	Provided & Approved
Patch panel for UTP cables	Provided & Approved
Patching cords	Provided & Approved
RJ45 sockets	Provided & Approved

Civil :	Status
# of Lead/In Ducts:	2 Lead/In Duct
Lead/In Size:	054
Lead/In Status:	Provided & Connected

Cable:	Status
Main Cable installed:	
Main Cable Terminated:	

FDI(X) Number:	
Etisalat ID (EID) Number:	

Building inspector Approval	
Name:	Enginner ABDUL AZIZ HASAN

Sign/Stamp:



**PROJECT APPROVED COPY
(FROM CLIENT/ CONSULTANT)**





SRG HOLDING LIMITED
 Tel. +971 4 226 1261
 Fax. +971 4 226 2012
 P.O. Box 11189 Dubai
 E-mail. www.srg.ae

erga PROGRESS
 engineering consultants



Project:-Majilis, Gym and Car Parking- Extension to the existing Villa

PROJECT REF NO: GI-128

DATE: 28-07-2022

MAIN CONTRACTOR : GINCO INTERIOR

SUB CONTRACTOR: GESCO

SUBMITTAL REF: GI-128-MEP-35-R1

MATERIAL SUBMITTAL

1. MATERIAL DESCRIPTION: IP CCTV SYSTEM

Type of Document:

DATA SHEET CATALOGUE SAMPLE TEST REPORT METHOD STATEMENT

Area of Application: AS PER DRAWINGS

Drawing reference:

Specification Ref:

Attached all relevant technical literature marked to identify description, current Test Certificates and Samples as appropriate

2. MANUFACTURER / CITA

Company Name: M/S. Matrix Millenium Electromechanical contracting llc

Address:



3. DELIVERY:

Country of Origin:

Locally Overseas- UK

Delivery:

Submitted By:

LINU

Signature:

Date: 28-07-22

4. CONSULTANT COMMENT:

- No of cameras to be provided as per approved shop drawings. Approved

- Submit schematic diagram for approval.

- Minimum 31 days recording to be provided for CCTV system. Approved As Noted

- Obtain approval from client/ID for cameras. Resubmit

Resubmit

Rejected

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.



SRG HOLDING LIMITED
 Tel. +971 4 228 1281
 Fax. +971 4 228 3012
 P.O. Box 11188 Dubai
 E-mail. www.erg.ae

erga **PROGRESS**
 engineering consultants



Project:-Majilis, Gym and Car Parking- Extension to the existing Villa

PROJECT REF NO: GI-128

DATE: 28-07-2022

MAIN CONTRACTOR : GINCO INTERIOR

SUB CONTRACTOR: GESCO

SUBMITTAL REF: GI-128-MEP-40

MATERIAL SUBMITTAL

1. MATERIAL DESCRIPTION: STRUCTURAL CABLING SYSTEM

Type of Document:

DATA SHEET CATALOGUE SAMPLE TEST REPORT METHOD STATEMENT

Area of Application: AS PER DRAWINGS

Drawing reference:

Specification Ref:

Attached all relevant technical literature marked to identify description, current Test Certificates and Samples as appropriate

2. MANUFACTURER / LEGRAND

Company Name: M/S. Matrix Millenium Electromechnical contracting llc

Address:



3. DELIVERY:

Country of Origin:

Locally Overseas-SLOVAK REPUBLIC / CHINA

Delivery:

Submitted By: **LINU**

Signature:

Date: 28-07-22

4. CONSULTANT COMMENT: - THE FACE PLATES OF DATA/TEL OUTLETS TO BE MATCH WITH APPROVED TYPE OF WIRING ACCESSORIES. Approved

- MAXIMUM DISTANCE OF CABLE CABLES SHOULD NOT BE MORE THAN 90 MTRs. Approved As Noted

- SUBMIT SCHEMATIC DIAGRAM FOR APPROVAL. Resubmit

Rejected

HYP 07-08-22

Approval shall not relieve Contractor of any of his obligations under the Contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.



Material Approval Form

Project: <i>G+3+R Building</i>		Client: <i>Mr. Yousuf Abdulrahman Ahmed Al Rais</i>	
Area: <i>Al Badaa</i>	Plot No: <i>333-254</i>	Ref No: <i>MS-ME-09</i>	Date: <i>12-Jan-2023</i>

Type of material

Civil	Electrical	Drainage & sanitary	Other	<input checked="" type="checkbox"/>
-------	------------	---------------------	-------	-------------------------------------

Material specification references

Drawing	Particular specification	<input checked="" type="checkbox"/>	General specification
---------	--------------------------	-------------------------------------	-----------------------

Material information

As specification	<i>CCTV system</i>		
As proposed	<i>Hikvision</i>		
Attachment	Sample	Catalogue	<input checked="" type="checkbox"/> Other

Manufacture & supplier

Manufacture			
Supplier	<i>Matrix Millenium</i>	Tel: <i>04-346 6899</i>	By

Main contractor Al Tariq Contracting LLC	Signature & Stamp
--	-----------------------

For Al Thuraya Engineering Consultant use only

Approved	Rejected	<input checked="" type="checkbox"/> Approved with comment
Comments: <i>Subject to 5 years warranty for Chinese product which is to be approved by SYRA. each model to be approved and certificate to be submitted.</i>		
Manager	Date	Sign

** Final Approval only after 05 years warranty certificate draft can be submitted*

MAE

16/Jan/23

4



Material Approval Form

Project: <i>G+3+R Building</i>		Client: <i>Mr. Yousuf Abdulrahman Ahmed Al Rais</i>	
Area: <i>Al Radaa</i>	Plot No: <i>333-254</i>	Ref No: <i>MS-ME-10</i>	Date: <i>12-Jan-2023</i>

Type of material

Civil	Electrical	Drainage & sanitary	Other	<input checked="" type="checkbox"/>
-------	------------	---------------------	-------	-------------------------------------

Material specification references

Drawing	Particular specification	<input checked="" type="checkbox"/>	General specification	<input type="checkbox"/>
---------	--------------------------	-------------------------------------	-----------------------	--------------------------

Material information

As specification	<i>SMATV system</i>		
As proposed	<i>Triax</i>		
Attachment	Sample	Catalogue	<input checked="" type="checkbox"/> Other

Manufacture & supplier

Manufacture			
Supplier	<i>Matrix Millenium</i>	Tel: <i>04-346 6899</i>	By

Main contractor Al Taria Contracting LLC	Signature 
--	--

For Al Thuraya Engineering Consultant use only

Approved	Rejected	Approved with comments <input checked="" type="checkbox"/>
----------	----------	--

Comments: *① signal level to be submitted for ear's ground.*
② wall outlet to be as same as wiring accessibility report.

Manager	Date	Sign
---------	------	------

Submit Sample Board.
** all components to be good*
EW/tpc
16/01/23



Handwritten initials 'K' in the top right corner.

Material Approval Form

Project: <i>G+3+R Building</i>		Client: <i>Mr. Yousuf Abdulrahman Ahmed Al Rais</i>	
Area: <i>Al Badaa</i>	Plot No: <i>333-254</i>	Ref No: <i>MS-ME-11</i>	Date: <i>12-Jan-2023</i>

Type of material

Civil	Electrical	Drainage & sanitary	Other	<input checked="" type="checkbox"/>
-------	------------	---------------------	-------	-------------------------------------

Material specification references

Drawing	Particular specification	<input checked="" type="checkbox"/>	General specification
---------	--------------------------	-------------------------------------	-----------------------

Material information

As specification	<i>Structured cabling system</i>		
As proposed	<i>TMT Global</i>		
Attachment	Sample	Catalogue	<input checked="" type="checkbox"/> Other

Manufacture & supplier

Manufacture			
Supplier	<i>Matrix Millenium</i>	Tel: <i>04-346 6899</i>	By

Main contractor
Al Tariq Contracting LLC

Signature



For Al Thuraya Engineering Consultant use only

Approved	<input type="checkbox"/>	Rejected	<input type="checkbox"/>	Approved with comments	<input checked="" type="checkbox"/>
----------	--------------------------	----------	--------------------------	------------------------	-------------------------------------

Comments:

subject to EPC's April 2023 report (Twenty five) years warranty of structured cabling system as per Dubai Standards.

Manager	Date	Sign
---------	------	------

Submit sample Bond

Signature
16/01/2023



Handwritten initials/signature

Material Approval Form

Project: <i>G+3+R Building</i>		Client: <i>Mr. Yousuf Abdulrahman Ahmed Al Rals</i>	
Area: <i>Al Badaa</i>	Plot No: <i>333-254</i>	Ref No: <i>MS-ME-12</i>	Date: <i>12-Jan-2023</i>

Type of material

Civil	Electrical	Drainage & sanitary	Other
			<input checked="" type="checkbox"/>

Material specification references

Drawing	Particular specification	General specification
	<input checked="" type="checkbox"/>	

Material information

As specification	<i>Gate Barrier system</i>		
As proposed	<i>BFT</i>		
Attachment	Sample	Catalogue	Other
		<input checked="" type="checkbox"/>	

Manufacture & supplier



Manufacture			
Supplier	<i>Matrix Millenium</i>	Tel: <i>04-346 6899</i>	By

Main contractor <i>Al Tariq Contracting LLC</i>	Signature 
--	--

For Al Thuraya Engineering Consultant use only

Approved	Rejected	Approved with comments
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments: *Letter Com for gate Barrier to be provided to Watchmen Room. With Remote operating facility. Subject to satisfactory operation and safety system.*

Manager	Date	Sign
		

MD
16/1/23

Material Approval Form

Project: <i>G+8Typ+R Building</i>		Client: <i>Mrs. Amina Mohd Abdulrahman Al Rais</i>
Area: <i>Al Satwa</i>	Plot No: <i>334-7530</i>	Submission date: <i>09-Jan-2023</i> Ref No: <i>MS-ME-17</i>

Type of material

Civil	Electrical	✓	Drainage & sanitary	Other
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Material specification references

Drawing	✓	Particular specification	General specification
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Material Information

As specification	<i>I2U cabinet (sample)</i>		
As proposed			
Attachment	Sample	Catalogue	✓

Manufacture & supplier

Manufacture			
Supplier	<i>Matrix Millenium</i>	Tel: <i>04-346 6899</i>	By

Main contractor <i>Al Triq Contracting LLC</i>	Signature
--	-----------



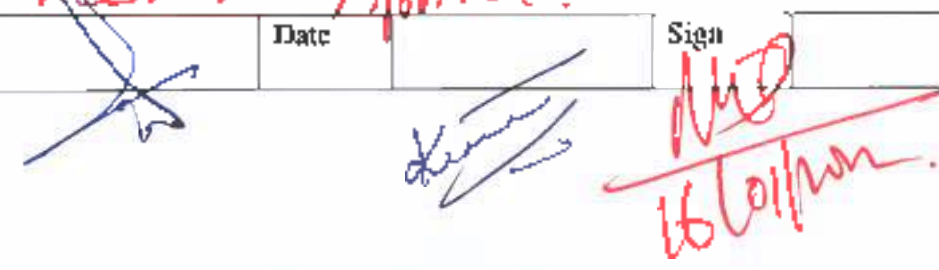
For Al Thuraya Engineering Consultant use only

Approved	Rejected	Approved with comment
----------	----------	-----------------------

Comments: *① Submit to giving mockup approval.*

② Submit to local Authority & developer's approval.

Manager	Date	Sign
---------	------	------





MEP SHOP DRAWING APPROVAL FORM

Project: G+8+ Gym + Roof Residential Building	Client : Mrs. Amina Al Rais
Area: Al Satwa	Plot No: 334-7530
Submission date: 06-Jan-2023	
Ref. No: SD-ELV-02 rev. 1	

Civil	Electrical	Drainage & sanitary	Other	✓
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Shop Drawing For: *SMATV system*

Specification references

Drawing	✓	Particular specification	General specification
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Information

As specification	
As proposed	
Attachment	Sample
	Catalogue
	Other

Manufacture & supplier

Manufacture			
Supplier	<i>Matrix Millenium Electromechanical LLC</i>	Tel: 04-346 6899	By

Main contractor <u>Al Tariq Contracting LLC</u>	Signature 
--	--

For Althuraya Engineering Consultant use only

Approved	Rejected	Approved with comment
----------	----------	-----------------------

Comments: *Final location of wall outlet on T.V. point to be correct out site before proceeding to work. Main Tel: outlet on each floor, Hall at each floor to be marked separately out site. egm site condition. (It is not typical engineering)*

Manager	Date	Sign
---------	------	------



MAIN CONTRACTOR;



AL TARIQ CONTRACTING LLC
P.O. BOX No. 103526, DUBAI - U.A.E
TEL.NO.(04)3524341,
FAX: (04)3456691
E-mail: www.altariqcontracting.com

*Approved As per
 Final Location
 Wall outlet
 of SMATV. to be
 moved out side
 making 140mm
 typical floor
 below*



ELV CONTRACTOR;



**MATRIX MILLENIUM ELECTROMECHANICAL
 CONTRACTING L.L.C.**
P O. BOX No. 77143, DUBAI - U.A.E
TEL NO.(04)3466899, FAX. (04)3466896.
E-mail: sales@matrix-mep.com

PROJECT:	PROPOSED RESIDENTIAL BUILDING GROUND + 8 TYPICAL FLOOR + ROOF ONLY.		
PLOT NO	334-7530	LOCATION	SATWA
DRWG TITLE			
1 TO 8 TYPICAL FLOOR PLAN (SMATV)			
DRAWN BY	ENG./M.RAFI	SCALE	1:100
DESIGNED BY	ENG./JKR	DATE	28.12.2022
CHECKED BY	ENG./JKR	JOB NO.	SHEET NO
APPROVED BY:			
REVISED BY.		SH. NO.	1-8TH-TYP SD-SMTV-2

MEP SHOP DRAWING APPROVAL FORM

Project: G+8+ Gym + Roof Residential Building	Client: Mrs. Amina Al Rais
Area: Al Satwa	Plot No: 334-7530
Submission date: 06-Jan-2023	
Ref. No: SD-ELV-03 rev. 1	

Civil	Electrical	Drainage & sanitary	Other	✓
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Shop Drawing For: **Video Intercom system**

Specification references

Drawing	✓	Particular specification	General specification
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Information

As specification	
As proposed	
Attachment	Sample
	Catalogue
	Other

Manufacture & supplier



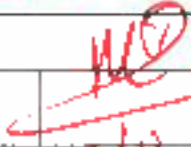
Manufacture				
Supplier	Matrix Millenium Electromechanical LLC	Tel: 04-346 6899	By	

Main contractor Al Tariq Contracting LLC	Signature
	

For Althuraya Engineering Consultant use only

Approved	Rejected ✓	Approved with comments
---------------------	------------	-----------------------------------

Comments: **submit Hand set sample for Approval. wires main door open facility. interface with Fire Alarm System.**

Manager		Date	Sign	
				



MEP SHOP DRAWING APPROVAL FORM

Project: G+8+ Gym + Roof Residential Building		Client: Mrs. Amina Al Rais
Area: Al Sarwa	Plot No: 334-7530	Submission date: 06-Jan-2023 Ref. No: SD-ELV-03 rev. 1

Civil	Electrical	Drainage & sanitary	Other	<input checked="" type="checkbox"/>
-------	------------	---------------------	-------	-------------------------------------

Shop Drawing For: **Video Intercom system**

Specification references

Drawing	<input checked="" type="checkbox"/>	Particular specification	<input type="checkbox"/>	General specification	<input type="checkbox"/>
---------	-------------------------------------	--------------------------	--------------------------	-----------------------	--------------------------

Information

As specification				
As proposed				
Attachment	Sample	Catalogue	Other	

Manufacture & supplier

Manufacture				
Supplier	Matrix Millenium Electromechanical LLC	Tel: 04-346 6899	By	

Main contractor Al Tariq Contracting LLC	Signature & Stamp
--	-----------------------

For Althuraya Engineering Consultant use only

Approved	<input type="checkbox"/>	Rejected	<input type="checkbox"/>	Approved with comments	<input checked="" type="checkbox"/>
----------	--------------------------	----------	--------------------------	------------------------	-------------------------------------

Comments: **Find location of Video intercom. Handset free Handset to be agreed at site.**

Manager		Date	
---------	--	------	--

*** Submit Sample w/ Video Handset. 16/1/23**

MAIN CONTRACTOR;



AL TARIQ CONTRACTING LLC

P.O. BOX No. 103526, DUBAI - U.A.E

TEL.NO.(04)3524341,

FAX: (04)3456691

E-mail: www.altariqcontracting.com

*Final
of Video
Intercom
And set to be
agreed at site
MID
18*

ELV CONTRACTOR;



MATRIX MILLENIUM ELECTROMECHANICAL CONTRACTING L.L.C.

P.O. BOX No. 77143, DUBAI - U.A.E

TEL.NO.(04)3466899. FAX: (04)3466896.

E-mail: sales@matrix-mep.com

PROJECT:

PROPOSED RESIDENTIAL BUILDING
GROUND + 8 TYPICAL FLOOR + ROOF ONLY

PLOT NO:

334-7530

LOCATION:

SATWA

DRWG TITLE:

1-8 FLOOR TYPICAL
(VIDEO INTERCOM)



DRAWN BY

ENG./M.RAFI

SCALE

1:100

DESIGNED BY

ENG./JKR

DATE

28.12.2022

CHECKED BY:

ENG./JKR

JOB NO.

SHEET NO.

APPROVED BY:

REVISED BY

SH NO

1-8F-SD-VI-03

MEP SHOP DRAWING APPROVAL FORM

Project: <i>G+8+ Gym + Roof Residential Building</i>	Client: <i>Mrs. Amina Al Rais</i>
Area: <i>Al Satwa</i>	Plnt No: <i>334-7530</i>
Submission date: <i>06-Jan-2023</i>	
Ref. No: <i>SD-ELV-08</i>	

Civil	Electrical	Drainage & sanitary	Other <input checked="" type="checkbox"/>
-------	------------	---------------------	---

Shop Drawing For: *Telecom drawings*

Specification references

Drawing	<input checked="" type="checkbox"/>	Particular specification	General specification
---------	-------------------------------------	--------------------------	-----------------------

Information

As specification			
As proposed			
Attachment	Sample	Catalogue	Other

Manufacture & supplier

Manufacture Supplier	<i>Matrix Millenium Electromechanical LLC</i>	Tel: <i>04-346 6899</i>	By
----------------------	---	-------------------------	----

Main contractor <u>Al Tariq Contracting LLC</u>	Signature & Stamp 
---	--

For Althuraya Engineering Consultant use only

Approved <input type="checkbox"/>	Rejected <input type="checkbox"/>	Approved with comments <input checked="" type="checkbox"/>
-----------------------------------	-----------------------------------	--

Comments: *① Final location of Handset*

Tel. Entry: *to be agreed on site.*

② Sign to performance of systems

~~Main shop operability facts per handset.~~

Manager <i>[Signature]</i>	Date	Sign
----------------------------	------	------

** First Approval after sample submission of handset.*

Al Tariq

MAIN CONTRACTOR;



AL TARIQ CONTRACTING LLC
P.O. BOX No. 103526, DUBAI - U.A.E
TEL.NO.(04)3524341,
FAX: (04)3456691
E-mail: www.altariqcontracting.com

ELV CONTRACTOR;



MATRIX MILLENUM ELECTROMECHANICAL
CONTRACTING L.L.C.
P.O. BOX No. 77143, DUBAI - U.A.E
TEL.NO.(04)3466899, FAX: (04)3466896.
E-mail: sales@matrix-mep.com

*Approved As per
All works to be
co-ordinate at
S/R M/P*

PROJECT:	PROPOSED RESIDENTIAL BUILDING GROUND + 8 TYPICAL FLOOR + ROOF ONLY.		
PLOT NO.	334-7530	LOCATION:	SATWA
DRWG TITLE:	1 TO 8 TYPICAL FLOOR PLAN (TELECOM)		
DRAWN BY	ENG/M.RAFI	SCALE	1:100
DESIGNED BY	ENG/JKR	DATE	26/2/2022
CHECKED BY.	ENG/JKR	JOB NO.	SHEET NO.
APPROVED BY.			
REVISED BY		SH NO.	1-8TH-TYP. SD-TEL-5



*Find loads
to wall Tel
Exit outlet
to be created
at side*



**Project : Proposed Mosque
(GR+FR)+Imam,Ablution & Guard Blocks for
Islamic Affairs & Charitable Activities
Dep.Mosque Rubbaya Bin.AL.Haris**



Material Approval Submittal

M&S Ref. No. GS/302/C/MAT/59 Date: 13/10/2018

Rev. No. 0 Sample tag Ref. No. _____

Discipline: Architectural Structural Mechanical Electrical Plumbing Fire Protection Others

Material Details

Item Description: Broadcasting system BOQ Item No.:

Name of Material:	<u>INN500-AWTS-3megapixel premium series 120 @ WDR Box Camera</u>
	<u>ENR4-12F2I -SIP -PREMIUM SERIES NVR ,4CHANNELS WITH BUILT IN 4POE PORTS</u>
	<u>MU7000 TV -55" & 65" TV (SAMSUNG)</u>

Location of intended use: Main Mosque Drawing Ref.: Architectural Drawg

Manufacturer / Local Supplier: _____ Country of Origin: UAE

Reason for Submittal: For Approval For Information Others ()

Remarks: As per Original Alternative

Attachments: Drawing Spec. Sample Catalog Other ()

Prepared by			Received By: _____
Material Engineer: <u>Er. Justin Christie</u>	Signature: _____	Date: <u>11/10/2018</u>	Date: _____
Checked by	Signature: _____	Date: _____	Date: _____
Qd. Manager:	Signature: _____	Date: _____	Time: _____
Approved by			Date: _____
Engg. Manager:	Signature: _____	Date: _____	Date: _____
Project Manager			Date: _____
Contractor	<u>Er. Kobaynathan.R</u>	Signature: _____	Date: <u>11/10/2018</u>



Engineer's Review & Comments:

No objection to proceed subject to client approval and following the comments in the shop drawing

Returned to Contractor with Status:

A: Approved B: Approved as noted C: Revise / Resubmit D: Information

Signature: _____	Received by: _____
Date: _____	Date: _____

Distribution: Employer Project Manager Cost Management Arch. Sub. Consultant Other ()

Final approval subject to final testing & commissioning



**Project : Proposed Mosque
(GR+FR)+Imam,Ablution& GuardBlocks for Islamic
Affairs & Charitable Activities Dep.Mosque
Rubbaya Bin.Haris**



Document & Drawing Submittal

Orig	Doc Type	Serial No.	Rev.	Date
GS-302	AD	64	00	9.10.2018


Architecture Structure Mech. Elect. Plumbing Fire Protection Other:

Type of Document (Code) : SD - Shop Drawing; RP - Reports; PQ - Pre-qualifications; CA - Calculations; QA - Quality; CT - Certificates; MS - Method Statement; AD - As Built Drawings; SC - Schedules / Programs; SK - Sketch; RS - Safety; GW - Guarantee / Warranty; OM - Operation & Maintenance Manual; OT - Others.

GCC certifies that the following documents/drawings have been checked, coordinated and found to be in compliance with project specifications

Submittal Code	
Approval	1
Information	2

Item	Qty	Document / Drawing No.	Item Description	Sub. Code
1	1	FAS-001	Mosque Ground floor PA System Layout	
		FAS-002	Mosque Mezzanine floor PA System Layout	
		FAS-003	Mosque Minaret (+20) floor PA System Layout	
		FAS-004	PA System Layout	
		FAS-005	School Block PA System Layout	

Prepared by: <u>Judin</u>		Received By: _____
Checked by: <u>Er. Kalyanathan</u>		Date: _____
Approved by: _____		Date: <u>10/9/2018</u> Time: _____

Engineer's Review & Comments :


→ Please coordinate with the site condition for the civil work

→ Provide

2 table type slim microphones	}	2
2 named by Pcs with stand		
2 clip type mics (wireless)		

Returned to Contractor with Status:

A : Approved B: Approved as noted C: Revise / Resubmit D: Information

For Engineer	Receipt Acknowledged by Contractor
Signature: 	Received by: _____
Date: _____	Date: _____

Distribution : Employer Project Manager Cost Management Arch. Sub. Consultant Other:

→ Mock up to be done for final approval

→ approval of the material subject to the client approval

→ Revision for the quotation to be done



Construction of MASJID[GR+FR]+IMAM,ABLUTION &SCHOOL
BLOCKS on plot no-3541166,AL-Quoz first for Islamic Affairs &
Charitable Activities Dept,MASJID RUBBAYYA BIN AL HARIS



MATERIAL SUBMITTAL

PQ Ref. No. MS/MEP/LCC/S#30202 Date: 18/4/2018

Rev. No. 1 Sample tag Ref. No. _____

Discipline: Architectural Structural Mechanical Electrical Plumbing Fire Protection Others

Material Details

Item Description: AUDIO INTERCOM BOQ Item No. _____

Name of Material: COMMAX,TECHLOGIES Reference Spec. Clause: _____

Location of intended use: AS PER DRAWING Drawing Ref.: _____

Manufacturer / Local Supplier: MATRIX MILLENUM ELECTROMECHANICAL CONTRACTING LLC Country of Origin: CHINA

Reason for Submittal: For Approval For Information Others (_____)

Remarks: As per Original Alternative

Attachments: Drawing Spec. Sample Catalog Others (_____)

For Contractor

Prepared by Mineral Engineer: <u>Mr. RATHESH</u>	Signature:	Date: <u>18.04.18</u>	Receipt Acknowledged by High Aut. Received By: _____ Date: _____ Time: _____
Checked by QA Manager: _____	Signature: _____	Date: _____	
Approved by Engg. Manager: <u>Mr. CHRISTEN JUDIN</u>	Signature:	Date: <u>18.04.18</u>	
Project Manager Contractor: <u>KOLANINATHAN</u>	Signature: _____	Date: _____	

Engineer's Review & Comments:

→ No objection to proceed subject to final authorities approval
→ Shop drawing to be submitted for final approval
→ Samples to be submitted for consult. approval

Returned to Contractor with Status:

A: Approved B: Approved as noted C: Revise / Resubmit D: Information

For Engineer

Signature:	Received by: _____
Date: <u>27/4/18</u>	Date: _____

Distribution: Employer Project Manager Cost Management Arch. Sub. Consultant other (_____)



Construction of MASJID[GR+FR]+IMAM,ABLUTION &SCHOOL
BLOCKS on plot no-3541166,AL-Quoz first for Islamic Affairs &
Charitable Activities Dept,MASJID RUBBAYYA BIN AL HARIS



MATERIAL SUBMITTAL

PQ Ref. No. MS/MEPL/CGS430201 Date: 18/4/2018

Rev. No. 1 Sample tag Ref. No. _____

Discipline: Architectural Structural Mechanical Electrical Plumbing Fire Protection Others

Material Details

Item Description: STRUCTURED CABLING BOQ Item No. _____

Name of Material: TECHLOGIX Reference Spec. Clause: _____

Location of intended use: AS PER DRAWING Drawing Ref.: _____

Manufacturer / Local Supplier: MATRIX MILLENIUM ELECTROMECHANICAL CONTRACTING LLC Country of Origin: CANADA

Reason for Submittal: For Approval For Information Other (_____)

Remarks: As per Original Alternative

Attachments: Drawing Spec Sample Catalog Other (_____)

For Contractor			Receipt Acknowledged by High. Aut.	
Prepared by Material Engineer:	<u>MR. RATHEESH</u>	Signature:	Date: <u>12.04.18</u>	Received by: _____
Checked by QA Manager:	_____	Signature: _____	Date: _____	Date: _____
Approved by Engg. Manager:	<u>MR. CHRISTIN JUDIN</u>	Signature:	Date: <u>15.04.18</u>	Date: _____
Project Manager Contractor:	<u>KOLANJINATHAN</u>	Signature: _____	Date: _____	Date: _____

Engineer's Review & Comments:

→ No objection to proceed subject to final approval from the authorities (RISALAT)

→ Shop drawing to be submitted for final approval

Returned to Contractor with Status:

A: Approved B: Approved as noted C: Revise / Resubmit D: Information

For Engineer		Receipt Acknowledged by Contractor	
Signature:		Received by:	_____
Date:	<u>21/4/18</u>	Date:	_____

Distribution: Employer Project Manager Cost Management Arch. Sub. Coordinator Other (_____)

→ samples to be submitted for consultant approval



Construction of MASJID[GR+FR]+IMAM,ABLUTION &SCHOOL
BLOCKS on plot no-3541166,AL-Quoz first for Islamic Affairs &
Charitable Activities Dept,MASJID RUBBAYYA BIN AL HARIS



MATERIAL SUBMITTAL

PQ Ref. No. MS/MEP/LC/GS#302/03 Date: 6/21/2018
Rev. No. 0 Sample tag Ref. No. _____

Discipline: Architectural Structural Mechanical Electrical Plumbing Fire Protection Others

Material Details

Item Description: SMATV (IF DISTRIBUTION) BOQ Item No. : _____

Name of Material: TRIAx Reference Spec. Clause: _____

Location of intended use: AS PER DRAWING Drawing Ref.: _____

Manufacturer / Local Supplier: MATRIX MILLENNIUM ELECTROMECHANICAL CONTRACTING LLC Country of Origin: DENMARK

Reason for Submittal: For Approval For Information Other (_____)

Remarks: As per Original Alternates

Attachments: Drawing Spec. Sample Catalog Other (_____)

For Contractor			Receipt Acknowledged by High Art	
Prepared by Material Engineer: <u>Mr. RATHEESH</u>	Signature: _____	Date: <u>21.05.18</u>	Received By: _____	Date: _____
Checked by QA Manager: _____	Signature: _____	Date: _____	Date: _____	Time: _____
Approved by Engg. Manager: <u>Mr. CHRISTIN JUDIN</u>	Signature: _____	Date: <u>21.06.18</u>		
Project Manager Contractor: <u>KOLANJENATHAN</u>	Signature: _____	Date: _____		

Engineer's Review & Comments:
 No objection to proceed subject to
 1) Shop draw to be submitted for final approval
 2) Final testing and commissioning
 3) providing all gov. authorities approval

Returned to Contractor with Status:
 A: Approved B: Approved as noted C: Revise / Resubmit D: Information

For Engineer		Receipt Acknowledged by Contractor	
Signature: _____	Date: <u>1-7-18</u>	Received by: _____	Date: _____

Distribution: Employer Project Manager Cost Management Arch. Sub Consultant Other (_____)

4) Full material submittal to be provided



**Project : Proposed Mosque
(GR+FR)+Imam,Ablution & Guard Blocks for
Islamic Affairs & Charitable Activities
Dep.Mosque Rubbaya Bin.AL.Haris**



Material Approval Submittal

M&S Ref. No. GS/302/C/MAT/59 Date: 13/10/2018
 Rev. No. 1 Sample tag Ref. No. _____
 Discipline: Architectural Structural Mechanical Electrical Plumbing Fire Protection Others

Material Details
 Item Description: Broadcasting system BOQ Item No.: _____
 Name of Material: INX500-AWTS-3megapixel premium series 120 @b WDR Box Camera
ENR4-12F2I -SIP -PREMIUM SERIES NVR ,4CHANNELS WITH BUILT IN 4POE PORTS
MLJ7000 TV -55" & 65" TV (SAMSUNG)

Location of intended use: Main Mosque Drawing Ref.: Architectural Drawg
 Manufacturer / Local Supplier: _____ Country of Origin: UAE
 Reason for Submittal: For Approval For Information Others ()
 Remarks: As per Original Alternative
 Attachments: Drawing Spec. Sample Catalog Others ()

Prepared by Material Engineer: <u>Er. Jubin Christin</u> Signature: _____ Date: <u>11/10/2018</u>	Received By: _____ Date: _____
Checked by QA Manager: _____ Signature: _____ Date: _____	Date: _____
Approved by Engg. Manager: _____ Signature: _____ Date: _____	Time: _____
Project Manager Contractor: <u>Er. Kobaynathan.R</u> Signature: _____ Date: <u>11/10/2018</u>	



Engineer's Review & Comments:
No objection to proceed subject to client approval and following the comments in the shop drawing

Returned to Contractor with Status:
 A: Approved B: Approved as noted C: Revise / Resubmit D: Information

Signature: _____ Received by: _____
 Date: _____ Date: _____

Distribution: Employer Project Manager Cost Management Arch. Sub. Consultant Other ()

Final approval subject to final testing & commissioning



Construction of MASJID[GR+FR]+IMAM,ABLUTION &SCHOOL BLOCKS on plot no-3541166,AL-Quoz first for Islamic Affairs & Charitable Activities Dept,MASJID RUBBAYYA BIN AL HARIS



MATERIAL SUBMITTAL

PQ Ref. No. MS/MEP/LC/GS#302/05 Date: 6/21/2018
 Rev. No. 0 Sample tag Ref. No. _____

Discipline: Architectural Structural Mechanical Electrical Plumbing Fire Protection Others

Material Details

Item Description: IPCCTV SYSTEM BOQ Item No.: _____
 Name of Material: INFINIQUE Reference Spec. Class: _____
 Location of intended use: AS PER DRAWING Drawing Ref.: CANADA
 Manufacturer / Local Supplier: MATRIX MILLENUM ELECTROMECHANICAL CONTRACTING LLC Country of Origin: CHINA/KOREA

Reason for Submittal: For Approval For Information Others ()

Remarks: As per Original Alternative

Attachments: Drawing Spec. Sample Catalog Others ()

For Contractor			Receipt Acknowledged by High Art
Prepared by Material Engineer: <u>Mr. RATHEESH</u>	Signature:	Date: <u>21.06.18</u>	Received By: _____
Checked by QA Manager: _____	Signature: _____	Date: _____	Date: _____
Approved by Engg. Manager: <u>Mr. CHRISTIN JUDIN</u>	Signature: _____	Date: <u>21.06.18</u>	Time: _____
Project Manager Contractor: <u>KOLANJINATHAN</u>	Signature: _____	Date: _____	



Engineer's Review & Comments:

→ No objection to proceed Subject to:-
 1) Shop drawing to be submitted
 2) Material submittal to be submitted
 3) Final testing & commissioning

Returned to Contractor with Status:

A: Approved B: Approved as noted C: Revise / Resubmit D: Information

For Engineer		Receipt Acknowledged by Contractor
Signature:	Date: <u>1-7-18</u>	Received by: _____
		Date: _____

Distribution: Employer Project Manager Cost Management Arch. Sub Consultant Other ()

→ 2) Full authority approval is a must for final approval



**Project : Proposed Mosque
(GR+FR)+Imam,Ablution & Guard Blocks for
Islamic Affairs & Charitable Activities
Dep.Mosque Rubbaya Bin.AL.Haris**



Material Approval Submittal

MAS Ref. No. GS/302/CMATS7 Date: 13/10/2018
 Rev. No. 0 Sample tag Ref. No. _____
 Discipline: Architectural Structural Mechanical Electrical Plumbing Fire Protection Others.

Material Details

Date Description: Public Addressing System BOQ Item No.: _____
 Name of Material: Control 126W/WT (PREMIUM IN-WALL LOUD SPEAKER)

Location of intended use: Main Mosque Drawing Ref.: Architectural Draw
 Manufacturer / Local Supplier: JBL Country of Origin: UAE
 Reason for Submittal: For Approval For Information Others ()
 Remarks: As per Original Alternative
 Attachments: Drawing Spec. Sample Catalog Others ()

Prepared by Material Engineer: <u>Dr. Nadim Charism</u> Signature: <u>[Signature]</u> Date: <u>11/10/2018</u>	Received By: _____ Date: _____ Time: _____
Checked by Q.M. Manager: _____ Signature: _____ Date: _____	
Approved by Engg. Manager: _____ Signature: _____ Date: _____	
Project Manager Contractor: <u>Dr. Kolan/urham.R</u> Signature: _____ Date: <u>11/10/2018</u>	



Reviewer's Review & Comments: No objection Subject to client approval

Returned to Contractor with Status:
 A: Approved B: Approved as noted C: Revise / Resubmit D: Information

Signature: _____ Received by: _____
 Date: _____ Date: _____

Distribution: Employer Project Manager Cost Management Arch Sub Consultant Other ()

Qty to be revised & Resubmitted



SHOP DRAWINGS APPROVAL FORM

Project ASMAK - FISH MANUFACTURING & PROCESSING PLANT At Sector: SAH SHUAIB, Plot No. 5310227-DIC, Dubai, UAE
Project No. RCL090
Contractor AL FARIS AL MALAKI BUILDING CONTRACTING L.L.C.

Shop Drawing Approval Form Ref. No: RCL090/MEP/SD49/REV01
 Discipline: Mechanical Electrical Architect Civil

Service / System: Access Control System Layout

Design Shop Drawing Reference:

Date of submital : 13.01.19

Workshop Drawing No.	Rev.	Drawing Title	No of copies

Contractor's Comments:

SUBMITTED FOR REVIEW AND APPROVAL

RECEIVED
 14 JAN 2019

Prepared by: Deepan	Signature: <i>Deepan</i>	Date: 13.01.19
Checked by: Saravanan	Signature: <i>Saravanan</i>	Date: 13.01.19
Received by RE: BY: <i>Deepan</i>	Signature:	Date:

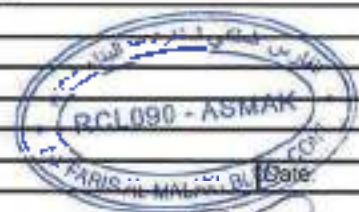
Engineer's Comments:

→ subject to comply with all previous comment
 → subject to comply with client requirements shared on the previous meeting

APPROVAL SHALL NOT PERMIT ANY DEPART FROM CONTRACT CONDITIONS, NOR IT RELEASES THE CONTRACTOR FROM THE RESPONSIBILITY OF ANY OF THE SUBMITTED DRAWINGS

- ALL CONTRACTIVE RESPONSIBILITY TO ENSURE
- ALL EQUIPMENT ARE OF COMPATIBLE SIZE
- ALL SERVICES ARE COORDINATED WITH ACTUAL SITE CONDITIONS
- ALL TECHNICAL DATA WERE VERIFIED AND VALIDATED TO MEET THE CONTRACT SPECIFICATION AND THE DESIGN INTENT.

Submitted reviewed by: <i>[Signature]</i>	Signature:	Date:
<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Revise & Resubmit	
<input checked="" type="checkbox"/> Approved as noted	<input type="checkbox"/> Rejected	
Resident Engineer:	Project Manager:	
Signature:	Signature:	
Date:	Date:	
Received By Contractor:	Signature:	Date:
Name:	Signature:	Date:



RE: *Deepan*
 20/01/19



SHOP DRAWINGS APPROVAL FORM

Project: KOSKOK - FIRST INDUSTRIAL ZONE & PROCESSING MARKET AT SADER SAH SAUA B P O BOX 5110237-DC DUBAI U.A.E.
 Project No: K/00000
 Contractor: ALLIANCE FOODS COMPANY, LLC

Shop Drawing Approval Form	Revised	Revised	Revised	Ref. No: K/00000/00000/0001
----------------------------	---------	---------	---------	-----------------------------

Contract: KOSKOK - FIRST INDUSTRIAL ZONE & PROCESSING MARKET AT SADER SAH SAUA B P O BOX 5110237-DC DUBAI U.A.E.
 Drawing No: K/00000/00000/0001

Rev	Description	Date	By	Check
1	Submitted for Review and Approval	13/01/19	RE	

REVISIONS:
 1. ALL DRAWINGS MUST BE APPROVED BY THE CONTRACTOR'S ENGINEER BEFORE SUBMITTING TO THE ARCHITECT.
 2. ALL DRAWINGS MUST BE APPROVED BY THE CONTRACTOR'S ENGINEER BEFORE SUBMITTING TO THE ARCHITECT.
 3. ALL DRAWINGS MUST BE APPROVED BY THE CONTRACTOR'S ENGINEER BEFORE SUBMITTING TO THE ARCHITECT.

SUBMITTED FOR REVIEW AND APPROVAL

Prepared by: Despain
 Checked by: RE
 Received by: RE
 Engineer's Company: [Signature]

Signature: [Signature]
 Date: 13/01/19
 Title: [Title]

*subject to comply with all previous comments
 subject to T/C & end user Approval*

REVISIONS:
 1. ALL DRAWINGS MUST BE APPROVED BY THE CONTRACTOR'S ENGINEER BEFORE SUBMITTING TO THE ARCHITECT.
 2. ALL DRAWINGS MUST BE APPROVED BY THE CONTRACTOR'S ENGINEER BEFORE SUBMITTING TO THE ARCHITECT.
 3. ALL DRAWINGS MUST BE APPROVED BY THE CONTRACTOR'S ENGINEER BEFORE SUBMITTING TO THE ARCHITECT.

Submitted by:	Signature:	Position:
Despain	[Signature]	Engineer
Approved by:	Signature:	Position:
[Signature]	[Signature]	Engineer
Checked by:	Signature:	Position:
[Signature]	[Signature]	Engineer
Reviewed by:	Signature:	Position:
[Signature]	[Signature]	Engineer

RE: [Signature]
 13/01/19



SHOP DRAWINGS APPROVAL FORM

Project	ASMAK - FISH MANUFACTURING & PROCESSING PLANT At Sector: SAH SHUAIB, Plot No. 5310227-DAC, Dubai, UAE
Project No.	RCL090
Contractor	AL FARI'S AL MALAKI BUILDING CONTRACTING L.L.C.

Shop Drawing Approval Form Ref. No: RCL090/MEP/SD40/rev02

Discipline:	Mechanical	Electrical	Architect	Civil
-------------	------------	------------	-----------	-------

Service / System: Low Current - Telephone Drawing

Design Shop Drawing Reference:

Date of submittal: 13.01.19

Workshop Drawing No	Rev.	Drawing Title	No of copies

Contractor's Comments:

SUBMITTED FOR REVIEW AND APPROVAL.


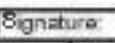
Prepared by: Deepan		Signature:		Date: 13.01.2019
Checked by: Saravanan		Signature:		Date: 13.01.2019
Received by: RE		Signature:		Date:

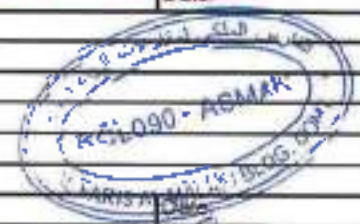
Engineer's Comments: BT.

subject to 100% comply with our previous comment
 subject to Authority Approval
 coordinate with BMS/SCADA supplier & provide data points as required
 subject to end user Approval
 cable tray/trunking shall be provided with labels

APPROVAL SHALL BE PERMITTED ONLY IF THE CONTRACTOR ACCEPTS THE CONTRACT CONDITIONS, WHICH RELEASES THE CONTRACTOR FROM THE RESPONSIBILITY OF ANY OF THE FOLLOWING:

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE:
 - ALL EQUIPMENT ARE OF COMPLIANT TRADE CAPACITY AND RATING.
 - THE CONTRACTOR HAS COMPLETED ALL THE NECESSARY SITE CONDITIONS.
 - ALL TECHNICAL WORKS ARE COMPLETED TO MEET THE CONTRACT REQUIREMENTS AND THE DESIGN INTENT.

Submittal reviewed by:		Signature:		Date:
<input checked="" type="checkbox"/> Approved		<input type="checkbox"/> Revise & Resubmit		
<input type="checkbox"/> Approved as noted		<input type="checkbox"/> Reject		
President Engineer:		Project Manager:		
Signature:		Signature:		
Date:		Date:		
Received By Contractor:		Signature:		
Name:		Signature:		



RE: Deepan
20/01/19

MATERIAL SUBMITTAL FORM

Project: ASMAK - # SH MANUFACTURING & PROCESSING PLANT At Sector: SAMH SHUABB, Plot No. 5310227-04C, Dubai, UAE
Project No.: RC.090
Contractor: AL FARIS AL MALAKI BUILDING CONTRACTING L.L.C.

Material Submittal Request Ref. No: MS-MRP-22704.01
Discipline: Mechanical Electrical Architect Civil

Description of Item: Door Access Control System
Specifications Reference:
B.O.Q. Reference:

Date: 21.06.2018
Manufacturer's Name: Honeywell
Supplier's Name: Matrix Millenium Electromechanical Cont. LLC.
Origin: USA
Address: Address: Dubai, UAE
 Phone: 04 3400880

Enclosure: Technical Submittal
Left - Copy - (1)
Contents:
 Technical Datasheet
 Manufacturer's Data & Specs.
 Samples
 Others Attachment 1

Contractor's Comments:

Door Access Control System

Submitted By: Signature: Date: 21.06.2018
Received by RE: Signature: Date:

Consultant's Comments:
 Refer to the enclosed comments sheet

Submittal reviewed by: Signature: Date: 2/6/18

Approved Approved as noted Revise & Resubmit Rejected

Resubmit Engineer: Signature: Date: 7-6-18
Received By Contractor: Signature: Date:

Name: Signature: Date: Received



Received
 (Signature)
 02/06/18

UCS Universal Consultancy Services
 Projecting Progress

Date Received: 22-5-18
 BY: [Signature]
 CC: [Signature]
 Signature: [Signature] 1:25 pm

MATERIAL SUBMITTAL FORM

Project	ASMAK - FISH MANUFACTURING & PROCESSING PLANT At Sector. SAH SHUAIB, Plot No. 5310227-DAC, Dubai, UAE
Project No.	RCL090
Contractor	AL FARIS AL MALAKI BUILDING CONTRACTING L.L.C.

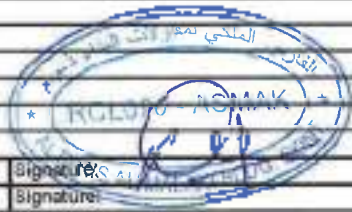
Material Submittal Request	Ref. No: RCL_090-MS-MEP-E32/Rev.00
Discipline:	Mechanical <input type="checkbox"/> Electrical <input checked="" type="checkbox"/> Architect <input type="checkbox"/> Civil <input type="checkbox"/>

Description of Item: Audio Visual System
 Specifications Reference:
 B.O.Q. Reference:
 Date: 21-05-2018

Manufacturer's Name: Various	Supplier's Name: Matrix Millennium electromechanical Comd, LLC
Origin:	
Address: NA	Address: Dubai, UAE
Phone: NA	Phone: 043455899

Enclosures	<input type="checkbox"/> Certificate <input checked="" type="checkbox"/> Technical Brochure <input type="checkbox"/> Manufacture & Data & Specs. <input type="checkbox"/> Samples <input type="checkbox"/> Others Attachment
------------	--

Contractor's Comments: **UCS** Universal Consultancy Service
 Used as Low Current systems.
 Received
 BY: *[Signature]* 04 JUNE 2018
 4:55 PM
 Prepared By: Bhagathi
 Received by: *[Signature]*
 Consultant's Comments:



Kindly Refer on the attached comment sheet.

Submittal reviewed by:
 Signature: *[Signature]*
 Approved Approved & noted Rejected
 Resident Engineer: *[Signature]* Project Manager:
 Signature: *[Signature]*
 Date: 25-6-18 Date:
 Received By Contractor:
 Name: Signature: Date:



[Handwritten signature]
 24/6/18

MATERIAL SUBMITTAL FORM

Project ASMAK - FRESH MANUFACTURING & PROCESSING PLANT At Sector: SAH 5-MUJIB, Plot No. 5310227-09C, Dubai, UAE
Project No. RCL090
Contractor AL FARIS AL MALARI BUILDING CONTRACTING (L.L.C.)

Material Submittal Request Ref. No: RCL 090-MS-MEP-035/ Rev 00

Discipline	<input checked="" type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Architect	<input type="checkbox"/> Civil
------------	--	-------------------------------------	------------------------------------	--------------------------------

Description of Item: Car Entry System

Specifications Reference:

B.O.Q. Reference:

Date: 24-07-2018

Manufacturer's Name: FAAC **Supplier's Name:** M/s Matrix Millennium Electromechanical

Origin: ITALY

Address: **Address:** Dubai, UAE

Phone: **Phone:** +97143468800

Enclosures: **No. of Copies:** 2

BOQ	<input type="checkbox"/> Certificate
Technical Data Sheet	<input checked="" type="checkbox"/> Technical Brochure
Material Warranty Certificate	<input checked="" type="checkbox"/> Manufacturer's Data & Spec.
Method of Installation	<input type="checkbox"/> Samples
	<input type="checkbox"/> Others Attachment 1

Contractor's Comments: *Received*

Car Entry System

Received

Date: 24 July 2018

By: *[Signature]*

RCL090 - ASMAK

Prepared By: Bhagath **Signature:** *[Signature]* **Date:** 24-07-2018

Received by RE: **Signature:** *[Signature]* **Date:** _____

Consultant's Comments:

Refer to the enclosed camera, steel

26/7/18

Submittal reviewed by: *[Signature]* **Date:** 26/7/18

Signature: **Approved & Required**

Approved Rejected

Resident Engineer: **Project Manager:**

Signature: **Signature:**

Date: **Date:**

Received By Contractor: **Signature:** **Date:**

re *[Signature]*
26/7/18

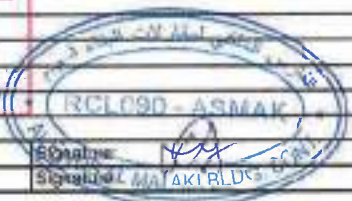
MATERIAL SUBMITTAL FORM

Project: ASMAK - FISH MANUFACTURING & PROCESSING PLANT At Sector: SAH SAHJAB, Plot No. 5310227-UC, Dubai, UAE
Project No.: RC1090
Contractor: AL FARIS AL MALAAB BUILDING CONTRACTING L.L.C

Material Submittal Request Ref. No: MS-MEP-24/Rev.02
Discipline: Mechanical Electrical Architect Civil

Description of Item: Gate Barrier System
Specifications Reference:
B.O.D Reference:
Date: 21.05.2018
Manufacturer's Name: BFT **Supplier's Name:** Matriq Millennium Electromechanical Cont. LLC
Origin: Italy **Address:** Dubai, UAE
Address: **Phone:** 04 3660999
Enclosure: Technical Submittal **Certificate:**
Reply to Comments Ref: MS-MEP-E24/Rev01 **Technical Description:**
Manufacturer's Data & Specs:
Samples:
Other Attachments: 1

Contractor's Comments: *مستند مقبول*
Gate Barrier System by BFT: *14 JULY 2018*
 BY *Chiric*
 CC *Chiric*
 Signature *Chiric*



Submitted By: *Chiric* **Signature:** *Chiric* **Date:** 21.05.2018
Received by RE: *MAHAKI BLDG* **Signature:** *MAHAKI BLDG* **Date:**

Consultant's Comments:
Refer to the attached comments sheet

For Ref. ASDI
[Signature]

Submittal reviewed by: *[Signature]*
Signature: Approved Revise & Resubmit
 Approved as noted Rejected
Resident Engineer: **Project Manager:**
Signature: *[Signature]* **Signature:**
Date: 2-5-7-18 **Date:**
Received By Contractor: **Signature:** **Date:**
Name: **Signature:** **Date:**



Revised
26/7/18

MATERIAL SUBMITTAL FORM

Project ASMAK - FISH MANUFACTURING & PROCESSING PLANT AT Sector 5NH SHARUB, Plot No. 53-0227-01C, Dubai, UAE
Project No. RCL090
Contractor AL FARIS AL MIMAK BUILDING CONTRACTING L.L.C.

Material Submittal Request Ref. No. MS-MEP-E20A Rev.00
 Discipline: Mechanical Electrical Architect Civil

Description of Item: IPCTV System
Specifications Reference:
B.O.Q. Reference:
Date: 07.06.2018
Manufacturer's Name: BOSCH **Supplier's Name:** Master Millennium Electromechanical Cont. LLC.
Origin: Germany **Address:** Dubai, UAE
Address: **Phone:** 04 3466899
Enclosures: Technical Submittal Certificate
 Compliance Statement Technical Data sheet
 Country of Origin Manufacturer's Data & Specs.
 Material Specification Samples
 Others Attachment 1

Contractor's Comments:
IPCTV System by Bosch: Fax Email Letter
 Date: 07 June 2018
 BY: [Signature]
 CC: [Signature]
 Signature: [Signature]



Submitted by: Shagath **Signature:** [Signature] **Date:** 07.06.2018
Received by RE: **Signature:** [Signature] **Date:**

Consultant's Comments:
 comply to the enclosed
 common's sheet
 [Large handwritten signature and date: 21/6/18]

Submitted reviewed by:
Signature: [Signature] **Date:** 21-6-18
 Approved Approved as noted Revise & Resubmit Rejected
Project Engineer: **Project Manager:**
Signature: [Signature] **Signature:**
Date: 21-6-18 **Date:**
Received By Contractor: **Signature:** **Date:**



Received
 [Signature]
 21/06/18

MATERIAL SUBMITTAL FORM

Project: ASMAK - FISH MANUFACTURING & PROCESSING PLANT At Sector. SAH SHUABB, Plot No. 5370227-01C, Dubai, UAE
Project No.: M/1090
Contractor: AL FARIS AL MALAKI BUILDING CONTRACTING L.L.C.

Material Submittal Request Ref. No: MS-MEP-E22/Rev.01
 Discipline: Mechanical Electrical Architect Civil

Description of Item: Structured Cabling
Specifications Reference:
B.O. Q. Reference:
Date: 21.05.2018

Manufacturer's Name: Leviton **Supplier's Name:** Matrix Millarique Electromechanical Cons. L.L.C.
Origin: USA **Address:** Dubai, UAE
Address: **Phone:** 04 3444599

Enclosure Technical Submittal
Soft Copy - C.D
 Certificate
 Technical DataSheet
 Manufacturer's Data & Specs.
 Sample
 Owner's Attachment 1

Contractor's Comments:

Structured Cabling by Leviton.



Submitted By: **Signature:** **Date:** 21.05.2018
Received By RE: **Signature:** **Date:**

Consultant's Comments:
Refer to the affected circuit

Submittal reviewed by:
Signature:

Approved Approved with noted Rejected Rejected

Resident Engineer: **Signature:** **Date:** 21-5-18

Received By Contractor: **Signature:** **Date:**



UCS Universal Consultancy Services L.L.C.
 Consulting Engineers
 Received
 For Civil Elec Mech
 Date: 21.5.18
 By: [Signature] 1:25pm

MATERIAL SUBMITTAL FORM

Project ASMAK - FISH MANUFACTURING & PROCESSING PLANT At Sector: SAH SHUAIB, Plot No. 5310227-DIC, Dubai, UAE
Project No. RCL090
Contractor AL FARIS AL MALAB BUILDING CONTRACTING L.L.C.

Material Submittal Request Ref. No: MS-MEP-E21/Rev.01
 Discipline: Mechanical Electrical Architect Civil

Description of Item: **SMATV**

Specifications Reference:

B.O.C. Reference:

Date: 21.05.2018

Manufacturer's Name: **TRIAX** Supplier's Name: **Matrix Millenium Electromechanical Com. LLC**

Origin: **Denmark** Address: **Dubai, UAE**

Address: Phone: **04 3466898**

Enclosures: **Technical Submittal** Certificate
Soft copy - CD Technical Datasheet
 Manufacturer's Data & Specs
 Samples
 Others Attachment 1

Contractor's Comments:

SMATV (IF Distribution)



Submitted By: Signature: Date: 21.05.2018

Received by RE: Signature: Date:

Consultant's Comments:

Refer to the attached comments



Submittal reviewed by: *[Signature]*

Signature: Approved Revise & Resubmit
 Approved as noted Rejected

Resident Engineer: Project Manager: Signature: Date:

Date: *21-05-18* Received By Contractor: Signature:

Name: Signature:





MATERIAL SUBMITTAL FORM

Project ASMAK - FISH MANUFACTURING & PROCESSING PLANT AI Sector: SAH SHUAB, Plot No. 53J0227-DIC, Dubai, UAE
Project No. RCL090
Contractor AL FARIS AL MALAKI BUILDING CONTRACTING L.L.C.

Material Submittal Request Ref. No: RCL 090-MS-MEP-E31/ Rev 01

Discipline: Mechanical Electrical Architect Civil

Description of Item: Uninterrupted Power Supply (UPS) -- *option 1*

Specifications Reference:

B.O.C Reference:

Date: 22-07-2018

Manufacturer's Name: APC **Supplier's Name:** M/s Matrix Millenium Electromechanical

Origin: Philippines **Address:** Dubai, UAE

Address: **Phone:** +97143466889

Phone: **Enclosures:**

Enclosures: **No. of Copies:** 7

Company Profile Certificate

Compliance Statement Technical Brochure

Technical Data Sheet Manufacturer's Data & Specs.

Previous Project Approvals Samples

Method of Installation Other Attachment 1

Contractor's Comments:

UPS

Reply to Comments Ref: RCL090-MS-MEP-E31/Rev00

Handwritten notes and stamps in the comments section.

Prepared By: Bhagath **Signature:** *[Signature]* **Date:** 22-07-2018

Received by RE: *[Signature]* **Signature:** *[Signature]* **Date:** *[Date]*

Consultant's Comments:

Refer to the enclosed components sheet

Submittal reviewed by: *[Signature]*

Signature: Approved Rejected

Resident Engineer: **Project Manager:** *[Signature]*

Signature: *[Signature]* **Signature:** *[Signature]*

Date: 25-07-18 **Date:** *[Date]*

Received By Contractor: **Date:** *[Date]*

Name: **Signature:** *[Signature]* **Date:** *[Date]*

Ref. 25/7/18

MATERIAL SUBMITTAL

Project Name: Proposed Building (G+3) Labour Accommodation on Plot No 533-3480 @ Saih Shusib-4 Dubai. **PROJECT No.:** MC-144
Date: 7-Jan-18

Submittal No.: MTS-MEP-DIC-0065 **Revision:** 00

Submittal Title: Material submittal for ADH CCTV System

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWG. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES	REMARKS
1		Material submittal for ADH CCTV System Manf. : M/s HIKVISION Supplier : M/s Matrix Millenium Electromechanical Contrating LLC	MTS	3 Set Hard Copy + 1 SC	ETS Ref. AR-ETS-MEP-MAS-EL-011

TYPE : SD= Shop Drawings, SM= Sample, GT= Guarantee, MD= Manufacturer's Data, CF= Certificates, TT= Test Results, OT= Other

Supplier : M/s Matrix Millenium Electromechanical Contrating LLC

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

Eng. B.Javed Ahmed Projects Manager *[Signature]* **Rev'd By:** _____
Date: _____

Design Consultant Review Comments

<p>① drawing approval from Dubai police authority to be obtained at the earliest ② final approval subject to Dubai Police authority, inspection, testing & commissioning ③ make china brand subject to client approval ④ hard disk/storage capacity to be minimum for 30 days ⑤ all the installations to be as per industry standards & Dubai police regulations ⑥ warranty is applicable from the date of handover.</p>	Consultant Decision
	<input type="checkbox"/> Approved
	<input checked="" type="checkbox"/> Approved As Noted
	<input type="checkbox"/> Not Approved
	<input type="checkbox"/> Not Required

Design Consultant (Name): Grnd. GAVAZ Khan **Signature:** *[Signature]* **Rev'd By:** _____
Date: 08-01-2018 **Date:** _____

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

Copy to: Head Office Consultant QS Other Sheet No. _____ of _____

RECEIVED
07 JAN 2019

BY: _____



PRE QUALIFICATION SUBMITTAL

Project Name:	Proposed Building (G+3) Labour Accommodation on Plot No 533-3480 @ Saif Shuaib-4 Dubai.	PROJECT No.	MC-144
		Date:	4-Dec-18
Submittal No.:	PQ-MEP-DIC-0003	Revision:	00
Submittal Title:	PRE-QUALIFICATION FOR ELV CONTRACTOR		

We are sending herewith under separate cover the drawings / documents / samples listed below:

ITEM NO.	DWG. SPECS BOQ REF.	DESCRIPTION	TYPE	COPIES	REMARKS
1		PRE-QUALIFICATION FOR ELV CONTRACTOR	PQ	3 Set Hard Copy + 1 SC	ETS/18-0003



TYPE= 2D-Shop Drawings, SM= Sample, GT= Guarantee, MD= Manufacturer's Data, CF= Certificates, TR= Test Results, OT= Other

Company Name: M/s MATRIX MILLENIUM ELECTROMECHANICAL CONTRACTING LLC

We certify that the documents / materials submitted herewith have been reviewed in detail and are in strict conformance with the contract drawings and specifications except as otherwise stated.

Eng. B. Javed Ahmed
 Projects Manager

Rcv'd By: _____
 Date: _____

Design Consultant Review Comments

<p>Proposed sub-contractor is acceptable subject to approval of Blackwiring from Etsalot and material approval.</p> <p>→ All the installations to be as per authority standards.</p>	Consultant Decision
	<input type="checkbox"/> Approved
	<input checked="" type="checkbox"/> Approved As Noted
	<input type="checkbox"/> Not Approved
	<input type="checkbox"/> Not Required



Design Consultant (Name): M. Hekab - M. Rehman

Signature: _____

Rcv'd By: _____

Date: 06-12-2018

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of The Contract. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of other trades and performing his work in a safe and satisfactory manner.

Copy to:

Head Office Consultant QS Other

Sheet No. _____ of _____

RECEIVED
 04 DEC 2018

Received

INSPECTION REQUEST

Project Name : Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa	
Plot No. : 598-1642	Location : DIP City : DUBAI
Main Contractor : AL AHMADIAH CONTRACTING & TRADING	
MEP Contractor Representative on site: Mr. Mahesh	
Department: <input type="checkbox"/> Architectural <input type="checkbox"/> Structural <input checked="" type="checkbox"/> MEP	
Element(s) to be inspected: Final Inspection of Access Control System as per attached documents	
Reason(s) for inspection call: Final Inspection of Access Control System as per attached documents	
Request for inspection any time after:	
Enclosures :	As per attached documents
Reason(s) for Alternative Appier / Installer :	
Ready for inspection on 13-Jan-19 At 11:00: am	
Submitted by : Mahesh	Signature: <i>Mahesh</i> Date: 13-Jan-19
<i>This portion is for the use of Consultant only.</i>	
Status <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit	
Comments Panel of Access control controller, to be identified; cleaned. provide cable tie. is the panel.	
Signed by: <i>A</i>	Signature: <i>A</i> Date: 13/01/2019



INSPECTION REQUEST

Project Name : Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa		
Plot No. : 598-1642	Location : DIP	City : DUBAI
Main Contractor : AL AHMADIAH CONTRACTING & TRADING		
MEP Contractor Representative on site: Mr. Abdullah		
Department: <input type="checkbox"/> Architectural <input type="checkbox"/> Structural <input checked="" type="checkbox"/> MEP		
Element(s) to be inspected <p style="text-align: center;">Final Inspection of CCTV System for All Floors - All Zone</p>		
Reason(s) for inspection call: <p style="text-align: center;">Final Inspection of CCTV System for All Floors - All Zone</p>		
Request for inspection any time after:		
Enclosures : As per attached documents		
Reason(s) for Alternative Applier / Installer		
Ready for Inspection on 13-Jan-19 At 11:00: am		
Submitted by : Mahesh Signature: <i>Mahesh</i> Date: 13-Jan-19		
This portion is for the use of Consultant only		
Status <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit		
Comments : Client Training to be provided.		
Signed by: <i>[Signature]</i> Signature: <i>[Signature]</i> Date: 12/01/19		



This form is to be handed over to ARENCO early enough. Sometime, approval of Material(s) may taken upto two weeks.

*Enmit
Mahesh*

ARENCO ABDULLAH AHMED ALMOOSA
architectural & engineering consultants

JOB # : 2115
REF.# : AAC/IR/MEP/ELE/909-R1

INSPECTION REQUEST

Project Name	: Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa				
Plot No.	: 598-1642	Location	: DIP	City	: DUBAI
Main Contractor	: AL AHMADIAH CONTRACTING & TRADING				
MEP Contractor Representative on site:	Mr. Abdullah				
Department:	<input type="checkbox"/> Architectural	<input type="checkbox"/> Structural	<input checked="" type="checkbox"/> MEP		
Element(s) to be inspected:	Final Inspection of Intercom System for All Floors - All Zone				
Reason(s) for inspection call	Comments rectification				
Request for inspection any time after:					
Enclosures	As per attached documents				
Reason(s) for Alternative Apper / Installer					
Ready for inspection on	07-Feb-19	At	11:00: am		
Submitted by	<i>for Mahesh</i>	Signature	<i>Mahesh</i>	Date	07-Feb-19
<i>This portion is for the use of Consultant only</i>					
Status	<input type="checkbox"/> Approved	<input checked="" type="checkbox"/> Approved As Noted	<input type="checkbox"/> Rejected	<input type="checkbox"/> Resubmit	
Comments	Follow comments is final inspectors forms.				
Signed by:	<i>AM</i>	Signature:	<i>AM</i>	Date:	07/02/2019



This form is to be handed over to ARENCO early enough. Sometime, approval of Material(s) may taken upto two weeks.

INSPECTION REQUEST

Project Name : Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa	
Plot No. : 598-1642	Location : DIP City : DUBAI
Main Contractor : AL AHMADIAH CONTRACTING & TRADING	
MEP Contractor Representative on site: Mr. Abdullah	
Department: <input type="checkbox"/> Architectural <input type="checkbox"/> Structural <input checked="" type="checkbox"/> MEP	
Element(s) to be inspected: Final Inspection of SMATV System for All Floors - All Zone	
Reason(s) for inspection call: Final Inspection of SMATV System for All Floors - All Zone	
Request for inspection any time after:	
Enclosures : As per attached documents	
Reason(s) for Alternative Applier / installer :	
Ready for inspection on	13-Jan-19 At: 11:00: am
Submitted by : Mahesh	Signature: <i>Mahesh</i> Date: 13-Jan-19
<i>This portion is for the use of Consultant only</i>	
Status <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit	
Comments ① All signal level reports are to be attached with O&M manual. ② Final co-ordination with Tenant's Receiver at the time of End user work.	
Signed by: <i>MA</i>	Signature: <i>[Signature]</i> Date: 13/01/2019



INSPECTION REQUEST

Project Name : Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa	
Plot No. : 598-1642	Location : DIP City : DUBAI
Main Contractor : AL AHMADIAH CONTRACTING & TRADING	
MEP Contractor Representative on site: Mr. Abdullah	
Department <input type="checkbox"/> Architectural <input type="checkbox"/> Structural <input checked="" type="checkbox"/> MEP	
Element(s) to be inspected Final Inspection of Structural Cabling System for All Floors - All Zone	
Reason(s) for inspection call: Final Inspection of Structural Cabling System for All Floors - All Zone	
Request for inspection any time after:	
Enclosures :	As per attached documents
Reason(s) for Alternative Applier / Installer :	
Ready for inspection on	13-Jan-19 At: 11:00: am
Submitted by : Mahesh	Signature: <i>Mahesh</i> Date: 13-Jan-19
This portion is for the use of Consultant only	
Status	<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit
Comments :	<i>all OIR and Fluke test Report to attach with O&M manual.</i>
Signed by: <i>A</i>	Signature: <i>A</i> Date: 13/01/19



This form is to be handed over to ARENCO early enough. Sometime, approval of Material(s) may taken upto two weeks.

<p>The Employer</p>  <p>مستشفى دبي للخيل DUBAI EQUINE HOSPITAL</p>	<p>The Engineer</p>  <p>LACASA Architects & Engineering Consultants</p>	<p>The Contractor</p>  <p>CHINA RAILWAY 18th BUREAU GROUP L.L.C 中国铁路 TEL:01-58898 FAX:01-58877 P.O.BOX:9883 DUBAI E-mail:rlbg_16@cnrcc.com.cn</p>
---	--	--

Project: PROPOSED B+G+4 RESIDENTIAL BUILDING ON PLOT NO.3590842 AT AL QUOZ FOURTH, DUBAI, UAE

**SUBCONTRACTOR / SUPPLIER APPROVAL REQUEST
(Vendor List Items)**

Date: 6/08/2019 Reference: CRCC-514-LAC-MEP-SAR-10-R00

Trade Name Of The Subcontractor/Supplier:
M/s. Matrix Millennium Electromechanical Contracting L.L.C

Scope:
SUPPLY AND INSTALLATION OF VIDEO INTERCOM SYSTEM

* Pre-qualification documents should be attached and complete including valid trade license and declaration statement from the Subcontractor/Supplier confirming his awareness and compliance with the project Specification, Drawings, Design Requirements and Safety Regulations and local authority's rules & regulation.



The Contractor Representative Signature

[Signature] RAMESH R Date: 6/08/19

THE ENGINEER COMMENTS

- Refer to attached comments.

THE EMPLOYER COMMENTS

ACTION: (As Marked)

APPROVED APPROVED AS NOTED APPROVED AS NOTED - RESUBMIT ADDITIONAL DATA REQUIRED NOT APPROVED

Reviewed By: *[Signature]* For The Engineer: *[Signature]* For The Employer: *[Signature]*



REQUEST FOR APPROVAL OF MATERIALS

Proj. No. / Project Name:	G+1 Villa at Plot No. JGE-RW-AV-V067A G+1 Villa at Plot No. JGE-RW-AV-V067B G+1 Villa at Plot No. JGE-FTR-A-D101A G+1 Villa at Plot No. JGE-FTR-A-D101B	BSBC Submittal Ref.:	BSBC/JGE-4 VILLAS/MEP/MS-36
Client:	Adel Mohammed Saleh Alzarouni		
Consultant:	Arkiplan Consulting Architects & Engineers		
Main Contractor:	Buoysail Building Contracting LLC	Subcontractor Submittal Ref.:	
Subcontractor:	<i>04/08/2019</i>		
Date:	11/07/2019 <i>05/08/19</i>		

ARCHITECTURAL STRUCTURAL ELECTRICAL PLUMBING A/C OTHER
 SAMPLE CATALOGUE COMPLIANCE SKETCH OTHER TEST RECORD

Description	Specs./BOQ Reference	Specified Make	Propose Make
Structured Cabling system (Tecom System)	Section -9	AMP USA, Brand Rex UK, LS Korea	LS
Location of Intended Use	Country of Origin	Supplier	
As per drawing	Vietnam & Taiwan	Matrix Millenium Electromechanical LLC	

ATTACHMENTS:

BSBC Signature		Received by Consultant
Subcontract Date & Signature		
Date Submitted		

Approval required by

CONSULTANT COMMENTS

Refer comments on attached sheet.

Approval Status

Approved

Approved as Noted

Not Approved

Denish 05/08/19

For the Consultant	Name	Signature	Date
	<i>None</i>	<i>Denish</i>	

Received by BSBC

BSBC Distribution

CM TM QA/QC ELEC MECH Subcon



AL SHAMANDI
 360 DEGREES
 360 DEGREES

Project: 6 Residential Building at Meydan District 1 Phase 1 Dubai, U.A.E

Consultant : 360 Degrees

Contractor : AL Shamandi Construction L.L.C

PRE-QUALIFICATION

Ref. Number :

ARP1.3/PREQ/MEP/TD-152 Rev.00

Date :

16-Jul-19

Discipline/Section :

MEP

1. ITEM DESCRIPTION : Prequalification of Document for ELV (CPU1-014)

Type of Documents:

Company License Certificate Sample Test Results

Area of Application :

N/A

B.O.Q. Ref. No. : N/A

Drawing Ref. : N/A

Standards : N/A

Specification Ref. : N/A

Attached all relevant technical literature marked to identify relevant; description, current Test Certificates, samples as appropriate.

2. MANUFACTURER/SUPPLIER :

Company Name: MATRIX

Address : QUBA, UAE

Local Agent : N/A

3. DELIVERY :

Country of Origin :

Locally Overseas

Delivery : Ex-works/ Total Duration

Estimated Time of Arrival on Site

Program : Estimated Time of Arrival on Site

Estimated Time of Arrival on Site

We certify that the above submitted items have been reviewed in detail and are correct and in strict conformity with the contract drawings and specifications except as otherwise stated. Also that the material sources indicated above have been reviewed in detail and that they will supply the submitted items in conformity with the above and deliver same timely.

Submitted by Contractor: (Name/Signature/Date)

Received by Consultant: (Name/Signature/Date)



16 Jul 2019

4. Consultant's Comments

SEE ATTACHED COMMENT SHEET

Approved
 Approved As Noted
 Revise, Resubmit
 Rejected



Commented by: (Name/Signature/Date)

Consultant's PM: (Name/Signature/Date)

Received by Contractor: (Name/Signature/Date)

Approval shall not relieve Contractor of any of his obligations under the contract or constitute authorization of any change to Contract Documents or variation to the works. Contractor is responsible for dimensions, quantities and coordination with other trades.

APPROVAL REQUEST

We, Eng. Mohd. Al Shaikh Mubarak
 Architectural & Eng. Consultants
 P. O. Box 4307, Dubai - U. A. E.

Date: 18-Feb-19
 Sketch/Ref. No.: B-04-2026177-SUB-CN-028-REV.00

Project: PROPOSED (G+P+12TYP.+R) RESIDENTIAL BUILDING ON PLOT NO-232-6177, AL QUBAIS FIRST, DUBAI
 Client: Albra Al Hadith Real Estate Development owned by Al Ghurair Holding LHM One Person Company LLC
 Main Contractor: BUSET CONTRACTING & GEN. TRANSPORT CO. L.L.C.
 Sub Contractor: Matrix Millennium Electromechanical Contracting LLC

Approval for

<input type="checkbox"/> As Built	<input type="checkbox"/> Calculations	<input type="checkbox"/> Material Submittals	<input type="checkbox"/> Method Statement
<input type="checkbox"/> Shop Drawings	<input type="checkbox"/> Sketch	<input type="checkbox"/> Sub Contractor Prequalification	<input type="checkbox"/> Plumbing
<input type="checkbox"/> Architectural	<input type="checkbox"/> Electrical	<input type="checkbox"/> Fire Fighting & Fire Alarm	<input type="checkbox"/> General
<input type="checkbox"/> Interior	<input type="checkbox"/> Landscape	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Plumbing
			<input type="checkbox"/> Infrastructural
			<input type="checkbox"/> Structural

Discipline Of 4Projects - Submittal Registration

Disciplines :- Architectural

Baseline ref.:
 Supplier/Subcontractor Name: Matrix Millennium Electromechanical Contracting
 Samples Included: Yes No

Baseline Submission Date: 18-Feb-19
 Supplier/Subcontractor Ref.:
 Planned Response Date: 4-Mar-19
 Specification Ref.:
 Sub.Ref. Above Mention

We kindly request you to approve / consent the following for the above-mentioned project:

Item	Description	Document Ref No	Copies	Remarks
1	Pre-qualification Submittal for Gate Barrier System		1	Soft Copy + Hard Copy

Submission: First Second

Attachment:

Contractor: M/s. BUSET CONTRACTING CO.
 Submitted By: (Project Manager)
 Signature & Stamp: Date: _____

RECEIVED
 19 MAY 2019
 المهندس محمد الشيخ مبارك
 ENG. MOHD AL-SHAIKH MUBARAK

Approved: Returned for Correction / Re-submission
 Approved With Comments: Rejected

Consultant's Comments:

* SUB CONTRACTOR IS APPROVED IN PRINCIPAL SUBJECT TO:
 * FULL COMPLIANCE WITH CONTRACT SPEC'S & LATEST AUTHORITY'S RULES & REGULATIONS.
 * MATERIAL, SD, SAMPLES, TECHNICAL SUBMITTAL, MOCKUP TO BE SUBMITTED FOR CONSULTANT APPROVAL.
 * CONTRACTOR TO INSURE FULL COORDINATION WITH RELATED TRADES.
 * PERFORMANCE AT SITE

Consultant: Eng. Mohd. Al Shaikh Mubarak
 Decision By: 19/5/19
 Signature & Stamp: [Stamp]
 Date:

Client / Employer: Al Ghurair Properties
 Decision By:
 Signature & Stamp: [Stamp]
 Date:



AZIZI

360 DEGREES



PROJECT: 6 Residential Buildings at Meydan District 1 Phase 1 Dubai, UAE

CONSULTANT: 360D Arch'l Design Consultancy LLC

CONTRACTOR: AL SHAMANDI CONSTRUCTION LLC

Material Approval/Submittal

Reference No. :

ARP L-3 /MIS/MEP/TD-112 Rev.00

Date :

14-Aug-19

Material Proposed :

CCTV SYSTEM
CPO1-014

Enclosed:

Manufacturer/ Local Supplier :

MARIX WITH ENHANCED ELECTRONICS CONTRACTING - LLC

Factory Probe

Discipline / Section :

MEP

Approval

Specs./BQQ/Eng. Ref. :

N/A

Material Test Report

Material Specified :

CCTV SYSTEM

Technical Data Sheet

Originator of Submittal :

AL SHAMANDI CONSTRUCTION LLC

Consultant Approval

Model Reference

Manufacturer License & Certificates

Reason for Alternative :

Contractor's PM
Signature & Date

P.O. Box: 11171
Dubai

Received By Consultant :
Signature & Date

Contractor's Statement: We certify that the material(s) submitted herewith has/have been reviewed in detail and in compliance with the Contract drawings and specifications except as otherwise stated here above.

Consultant Review Status

A. Approved

B. Approved As Noted

C. Revise, Resubmit

D. Rejected

Consultant's Comments:

SEE ATTACHED COMMENT SHEET.

Commented by :
Signature & Date

Consultant's PM
Signature & Date

Received by Contractor :
Signature & Date

Client Review Status

A. Approved

B. Approved As Noted

C. Revise, Resubmit

D. Rejected

Client's Comments (if any) :

Name :
Signature & Date

The Engineer's Representative hereby certifies and approves to the submitted material for general use for which with the design contract and specifications and shall not release the Contractor from responsibility for any deviations from contract or consultant's instructions of the requirements of the Contract documents, unless the Contractor has informed the Engineer in writing of specific deviations and the Engineer has given written approval thereto.



PROJECT: 6 Residential Buildings at Meydan District 1 Phase 1 Dubai, UAE

CONSULTANT: 360D Arch'l Design Consultancy LLC CONTRACTOR: AL SHAMANDI CONSTRUCTION LLC

Material Approval/Submittal	Reference No. :	ARP 1.3 /MTS/MEP/TD-114 Rev.00
	Date :	14-Aug-19

Material Proposed :	VIDEO INTERCOM OPD1-014	Enclosed: <input checked="" type="checkbox"/> Company Profile <input type="checkbox"/> Approvals <input checked="" type="checkbox"/> Material Test Report <input type="checkbox"/> Technical Data Sheet <input type="checkbox"/> Consultant Approval <input checked="" type="checkbox"/> Project References <input checked="" type="checkbox"/> Others (Specify) License & Certificate
Manufacturer / Local Supplier :	MATRIX MILLENIUM ELECTROMECHANICAL CONTRACTING LLC	
Discipline / Section :	MEP	
Specs./BOQ/Drg. Ref. :	N/A	
Material Specified :	VIDEO INTERCOM	
Originator of Submittal :	AL SHAMANDI CONSTRUCTION LLC	
Reason for Alternative :		

Contractor's PM : Signature & Date	Received By Consultant : Signature & Date
---------------------------------------	--

Contractor's Statement: We hereby state that the material(s) submitted herewith has/have been reviewed in detail and in compliance with the Contract drawings and specifications except as otherwise stated here above.

Consultant Review Status

A. Approved B. Approved As Noted C. Revise, Resubmit D. Rejected

Consultant's Comments:
 SEE ATTACHED COMMENT SHEET & COMPANY.
 This approval subject to comply with attached comments.

Commented by : Signature & Date	Consultant's PM Signature & Date	Received by Contractor : Signature & Date
------------------------------------	-------------------------------------	--

Client Review Status

A. Approved B. Approved As Noted C. Revise, Resubmit D. Rejected

Client's Comments (if any) :

Name :
Signature & Date

The Engineer's Representative review, comments and approval to the submitted material is for general conformance with the design concept and specifications and shall not relieve the Contractor from responsibility for any deviations from, or errors or omissions in respect of the requirements of the Contract documents, unless the Contractor has informed the Engineer in writing of specific deviations and the Engineer has given written approval thereto.

AZIZI

340 DEGREES



U.A.E. 2014
المملكة العربية المتحدة
الإمارات العربية المتحدة

PROJECT: 6 Residential Buildings at Meydan District 1 Phase 1 Dubai, UAE

CONSULTANT: 360D Arch/Design Consultancy LLC

CONTRACTOR: AL SHAMANDI CONSTRUCTION LLC

Material Approval/Submittal

Reference No. :

ARP 3.3 / MTS/MEP/TO-115 Rev.00

Date :

17-Aug-19

Material Proposed :

STRUCTURED CABLING SYSTEM

Manufacturer/ Local Supplier :

MTS (MIDDLE EAST TRADING COMPANY) LLC

Discipline / Section :

MEP

Specs./BDD/Req. Ref. :

Rev

Material Specified :

STRUCTURED CABLING SYSTEM

Originator of Submittal :

Al Shamandi Construction LLC

Reason for Alternative :

N/A

Enclosed:

- Working Notes
- Approval
- Material Test Report
- Technical Data Sheet
- Consultant Approval
- Project References
- Others (Specify) License & Certificate

Contractor's PM
Signature & Date

Received By Consultant:
Signature & Date

Contractor's Statement: We certify that the materials submitted herewith has/have been reviewed in detail and in compliance with the Contract drawings and specifications except as otherwise stated here above.

Consultant Review Status

- A- Approved B- Approved with remarks C- Revoke/Resubmit D- Rejected

Consultant's Comments:

SEE ATTACHED COMMENT SHEET

Commented by
Signature & Date

Consultant's PM
Signature & Date

Received by Contractor:
Signature & Date

Client Review Status

- A- Approved B- Approved with remarks C- Revoke/Resubmit D- Rejected

Client's Comments (if any):

Name :
Signature & Date

The Engineer's Responsibility is to review, comment and approve the submitted materials for general compliance with the design and specifications and shall not release the contractor from responsibility for any, technical errors or omissions in respect of the requirements of the Contract Documents, unless the Contractor has advised the Engineer in writing of such errors and the Engineer has given his/her approval thereto.

AZIZI

**360°
DIGRES**



PROJECT: 8 Residential Buildings at Meydan District 1 Phase 1 Dubai, UAE

CONSULTANT: 360 Arch' Design Consultancy LLC

CONTRACTOR: AI SHANANDI CONSTRUCTION LLC

Material Approval / Submittal

Reference No. : ARP 1.3 / MTS / MEP / TD - 113 Rev.00

Date : 14-Aug-19

Material Proposed :

ACCESS CONTROL SYSTEM
CPD1-014

Enclosed:

Manufacturer/ Local Supplier :

MATRIX MILLENIUM ELECTROTECHNOLOGY CONTRACTING
LLP

Complete Profile

Discipline / Section :

MEP

Approvals

Specs./ BOQ/ Dwg. Ref. :

N/A

Material Test Report

Material Specified :

ACCESS CONTROL SYSTEM

Technical Data Sheet

Originator of Submittal :

AI SHANANDI CONSTRUCTION LLC

Consultant Approval

Reason for Alternative :

N/A

Project References

Others (Specify) License & On-Meter

Contractor's PM:

Box: 1871

Signature & Date:

Received By Consultant:

Signature & Date:

Contractor's Statement: We certify that the materials submitted herewith has/have been reviewed in detail and in compliance with the Contract drawings and specifications except as otherwise stated here above.

Consultant Review Status

A. Approved

B. Approved As Noted

C. Reserve, Rejected

D. Rejected

Consultant's Comments:

SEE ATTACHED COMMENTS SHEET & COMMENT.

This approval is subject to comply with the attached comments.

Commented by:

Signature & Date:

Consultant's PM:

Signature & Date:

19/08/19

Received by Contractor:

Signature & Date:

Client Review Status

A. Approved

B. Approved As Noted

C. Reserve, Rejected

D. Rejected

Client's Comments (if any):

Name:

Signature & Date:

The Engineer's Representative review, comments and approval to the submitted submittal is the approval of Consultant with the design concept and specifications and shall not release the Contractor from responsibility for new deviations from the original submittals in respect of the requirements of the Contract Documents, unless the Contractor has advised the Engineer in writing of the deviations and the Engineer has given written approval thereto.

<p>The Employer</p>  <p>مستشفى دبي لتخيل DUBAI EQUINE HOSPITAL</p>	<p>The Engineer</p>  <p>Architects & Engineering Consultants</p>	<p>The Contractor</p>  <p>CHINA RAILWAY 18th BUREAU GROUP L.L.C 中国铁路 TEL:04-438600 FAX:04-438607 P.O.BOX:19861 347541 E-mail:cr18_bureau@163.com</p>
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Project: PROPOSED B+G+6 RESIDENTIAL BUILDING ON PLOT NO.4210615 AT AL WARQA'A FIRST, DUBAI, UAE

**SUBCONTRACTOR / SUPPLIER APPROVAL REQUEST
(Vendor List Items)**

Date: 7/10/2019 Reference: CRCC-515-LAC-MEP-SAR-08-R01

Trade Name Of The Subcontractor/Supplier:
M/s Matrix Millenium Electromechanical Contracting LLC

Scope: SUPPLY AND INSTALLATION OF ELV SYSTEM (STRUCTURED CABLING, AUDIO INTERCOM SYSTEM, ACCESS CONTROL SYSTEM, CCTV SYSTEM AND GATE BARRIER) (As per Value Engineering)

* Pre-qualification documents should be attached and complete including valid trade license and declaration statement from the Subcontractor/Supplier confirming his awareness and compliance with the project Specification, Drawings, Design Requirements and Safety Regulations and local authority's rules & regulation.

The Contractor Representative Signature
S. Sivanthar S. Iyer Date: 7/10/2019



THE ENGINEER COMMENTS

- Refs to attached comments sheet.

THE EMPLOYER COMMENTS

(Empty space for employer comments)

ACTION: (As Marked)

APPROVED	APPROVED AS NOTED	APPROVED AS NOTED - RESUBMIT	ADDITIONAL DATA REQUIRED	NOT APPROVED
----------	-------------------	------------------------------	--------------------------	--------------

Reviewed By: <i>[Signature]</i> 15/10/2019	For The Engineer: <i>[Signature]</i> 17/10/19	For The Employer:
--	---	-------------------

ARENCO (PVT)
 05 MAY 2018
 RECEIVED

ARENCO ABDULLAH AHMED ALMOOSA
 architectural & engineering consultants

JOB# : 2115
 REF# : AAC/MEP/ABD/118

APPROVAL OF AS-BUILT DRAWING(S)

Project Name : Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa	
Plot No. : 598-1642	Location : DIP City : Dubai
Main Contractor : AL AHMADIAH CONTRACTING & TRADING	
Location of work(s) : 5th floor	
Drawing(s) No.	Drawing(s) Title
1. TV-5F-001 2. TV-5F-002 3. TV-5F-003	1. 5th Floor general plan SMATV layout - As Built 2. 5th Floor general plan SMATV layout (Sheet 1 of 2) - As Built 3. 5th Floor general plan SMATV layout (Sheet 2 of 2) - As Built (1 set hard copy + soft copy)
Submitted by : D. Seetharamam	Signature:  Date: 09-May-18

This portion is for the use of ARENCO only

Architectural Dept.	
Status	<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit
Comments	
Signed by:	Signature:  Date: 18 MAY 2018
Structural Dept.	
Status	<input type="checkbox"/> Approved <input type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit
Comments	
Signed by:	Signature:  Date:
MEP Dept.	
Status	<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit
Comments : Proceed with final submission of As-Built drawings.	
Signed by: ADI	Signature:  Date: 16/05/18

This form is to be handed over to ARENCO early enough. Sometimes, approval of Material may take upto two weeks.

ARENCO ABDULLAH AHMED ALMOOSA
architectural & engineering consultants

ARENCO
09 APR 2017
RECEIVED

ARENCO (C.S.C.)
09 APR 2017
RECEIVED

JOB # : J2115
REF # : AAC/MEP/SC/17/006

APPROVAL OF SUBCONTRACTOR / SUPPLIER

Project Name : Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa							
Plot No. : 598-1642	Location : DIP City : DUBAI						
Main Contractor : AL AHMADIAH CONTRACTING & TRADING							
Department: <input type="checkbox"/> Architectural <input type="checkbox"/> Structural <input checked="" type="checkbox"/> MEP							
Subcontractor (Proposed): Matrix Millenium Electromechanical Contracting L.L.C. (For Low Current System)							
ARENCO Specified Subcontractor / Supplier	ALTERNATIVE Proposed Subcontractor / Supplier						
02 APR 2017	Matrix Millenium Electromechanical Contracting L.L.C.						
Manufacturer : M/s. Matrix Millenium Electromechanical Contracting L.L.C.							
Local Agent : N/A							
Enclosures : Pre Qualification Documents	<table border="1"> <tr> <td colspan="2">ARENCO (C.S.C.) NO OBJECTION/REJECTED / RESUBMIT AS NOTED</td> </tr> <tr> <td colspan="2">10 APR 2017</td> </tr> <tr> <td>SIGN.</td> <td><i>[Signature]</i></td> </tr> </table>	ARENCO (C.S.C.) NO OBJECTION/REJECTED / RESUBMIT AS NOTED		10 APR 2017		SIGN.	<i>[Signature]</i>
ARENCO (C.S.C.) NO OBJECTION/REJECTED / RESUBMIT AS NOTED							
10 APR 2017							
SIGN.	<i>[Signature]</i>						
Reason(s) for Alternative Subcontractor / Supplier :							
Submitted by : P. Kalarselvan	Signature: <i>[Signature]</i> Date: 09/04/2017						
This portion is for the use of Consultant only							
Status <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit							
Comments: (1) All product to be proposed and submitted to be submitted to consultant for approval under list (2) Each product maker proposed should have Agency agreement with principals for installation, selling and maintenance. (3) Dubai Police Approval to be obtained for CCTV System (4) All shop drawing and material Approval to be							
Signed by:	Signature: Date:						

This form is to be handed over to ARENCO early enough. Sometime, approval may take upto two weeks.

Submitted individually (5) Subject to site workmanship and Co-ordination (6) - OTDR test for Fibre and 4T/like Test for Cat-6 to be done by Contractor for all installed Fibre and Structured cables at site.

[Signature]
10/04/2017

ARENCO (C.S.C.)
 15 MAY 2018
 RECEIVED

ARENCO

ABDULLAH AHMED ALMOOSA
 architectural & engineering consultants

JOB # : 2116
 REF # : AAC/MEP/ABD/117

APPROVAL OF AS-BUILT DRAWING(S)

Project Name :		Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa	
Plot No. :	598-1542	Location : DIP	City : Dubai
Main Contractor :	AL AHMADIAH CONTRACTING & TRADING		
Location of work(s) :	5th floor		
Drawing(s) No.	Drawing(s) Title		
1. TEL-5F-001 2. TEL-5F-002 3. TEL-5F-003	1. 5th Floor general plan Telephone layout - As Built 2. 5th Floor general plan Telephone layout (Sheet 1 of 2) - As Built 3. 5th Floor general plan Telephone layout (Sheet 2 of 2) - As Built (1 set hard copy + soft copy)		
Submitted by :	D. Seetharamam	Signature:	Date: 09-May-18

This portion is for the use of ARENCO only

Architectural Dept.	<input type="checkbox"/> Approved <input type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit		
Comments	ARENCO (C.S.C.) NO OBJECTION/REJECTED/RESUBMIT 15 MAY 2018		
Signed by:	Signature:	Date: 15 MAY 2018	
Structural Dept.	<input type="checkbox"/> Approved <input type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit		
Comments	RECEIVED 17 MAY 2018		
Signed by:	Signature:	Date:	
MEP Dept.	<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit		
Comments	Proceed with final submission of As-Built drawings		
Signed by:	Signature:	Date:	

This form is to be handed over to ARENCO early enough. Sometimes, approval of Materials may take up to two weeks.


ARENCO (C.S.C.)
09 MAY 2018
RECEIVED

JOB # : 2115
REF # : AAC/MEPI/ADD/134

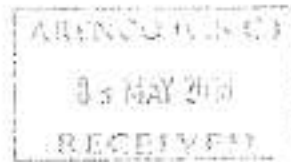
APPROVAL OF AS-BUILT DRAWING(S)

Project Name	Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa		
Plot No.	588-1642	Location : DIP	City : Dubai
Main Contractor	AL AHMADIAH CONTRACTING & TRADING		
Location of work(s)	5th floor		
Drawing(s) No.	Drawing(s) Title		
1. CCTV-5F-001 2. CCTV-5F-002 3. CCTV-5F-003	1. 5th Floor general plan CCTV layout - As Built 2. 5th Floor general plan CCTV layout (Sheet 1 of 2) - As Built 3. 5th Floor general plan CCTV layout (Sheet 2 of 2) - As Built (1 set hard copy + soft copy)		
Submitted by	D. Seetharaman	Signature:	Date: 09-May-18

This portion is for the use of ARENCO only

Architectural Dept.	Status <input type="checkbox"/> Approved <input type="checkbox"/> Approved As noted <input type="checkbox"/> Rejected		
Comments			
Signed by:	Signature:	Date:	
Structural Dept.	Status <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved As noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit		
Comments			
Signed by:	Signature:	Date:	
MEP Dept.	Status <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit		
Comments	Proceed with final submission of As-Built by		
Signed by:	Signature:	Date:	

This form is to be handed over to ARENCO early enough. Sometimes, approval of Material(s) may taken upto two weeks.



ARENCO ABDULLAH AHMED ALMOOSA
architectural & engineering consultants

JOB # : 2115
REF # : AAC/MEPIABD/118

APPROVAL OF AS-BUILT DRAWING(S)

Project Name : Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa	
Plot No. : 598-1642	Location : DIP City : Dubai
Main Contractor : AL AHMADIAH CONTRACTING & TRADING	
Location of work(s) : 5th floor	
Drawing(s) No.	Drawing(s) Title
1. TV-5F-001 2. TV-5F-002 3. TV-5F-003	1. 5th Floor general plan SMATV layout - As Built 2. 5th Floor general plan SMATV layout (Sheet 1 of 2) - As Built 3. 5th Floor general plan SMATV layout (Sheet 2 of 2) - As Built (1 set hard copy + soft copy)
Submitted by : D. Seetharamam	Signature: Date: 09-May-18

This portion is for the use of ARENCO only

Architectural Dept.	
Status	<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit
Comments	
Signed by:	Signature: Date: 16 MAY 2010
Structural Dept.	
Status	<input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit
Comments	
Signed by:	Signature: Date:
MEP Dept.	
Status	<input type="checkbox"/> approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> rejected <input type="checkbox"/> Resubmit
Comments	Proceed with final submission of As-Built drawings.
Signed by:	Signature: Date:

This form is to be handed over to ARENCO early enough. Sometime, approval of Material may taken upto two weeks.

ARENCO (C.S.C.)
15 FEB 2018
RECEIVED

JOB # _____
REF # AAC/MS/MEP/ELE/99

Print ✓
Blank Form

APPROVAL OF MATERIAL(S)

Project Name : Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa	
Plot No. : 598-1642	Location : DIP City : Dubai
Main Contractor : AL AHMADIAH CONTRACTING & TRADING	
Department: <input type="checkbox"/> Architectural <input type="checkbox"/> Structural <input checked="" type="checkbox"/> MEP	
Material(s) Item : Door Access Control System	
ARENCO Specified Material(s)	ALTERNATIVE Proposed Material(s)
Door Access Control System	Door Access Control System Brand: Securtex

Job contractor / Supplier : M/s. Matrix
 Manufacturer : M/s. Securtex
 Local Agent : M/s. Matrix
 Enclosures : Technical Data
 Reason(s) for Alteration :
 Submitted by : D. Seetharaman Signature: _____ Date: 15-Feb-18

ARENCO (C.S.C.)
NO OBJECTION RECEIVED
27 FEB 2018
SIGH. _____

This portion is for the use of Consultant only
 Status Approved Approved As Noted Rejected Resubmit

Comments: ① Country of origin of each parts and components, with part number to be submitted up to MR.
 ② Battery Backup to be provided for each controller.
 ③ Door Locks to be coordinated with all Door Schedule and samples.

Signed by: ADI Signature: _____ Date: _____
 This portion is for the use of Client only
 Status Approved Approved As Noted Rejected Resubmit

Comments: ④ Access magnetic contacts should be fixed in such a way that it will not occupy the space of Door opening. Subject to Mockup Approval.

Signed by: ADI Signature: _____ Date: _____
 This portion is for the use of Client only
 Status Approved Approved As Noted Rejected Resubmit

Comments: _____
 Signed by: _____ Date: _____

RECEIVED
1 MAR 2018
SIGH. _____

Gover
Saban

ARENCO ABDULLAH AHMED ALMOOSA
architectural & engineering consultants

ARENCO (C.S.C.)
27 SEP 2017
RECEIVED

JOB# : 2116
REF.# : AACMEPISDCCTV1147-R4

APPROVAL OF SHOP DRAWING(S)

Project Name : Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed AlMoosa	
Plot No. : 598-1642	Location : DIP City : Dubai
Main Contractor : AL AHMADIAH CONTRACTING & TRADING	
Location of work(s) : Typical Floor	
Drawing(s) No.	Drawing(s) Title
1. CCTV-TYP-(1, 3 & 4)-001 R 4 2. CCTV-TYP-(1, 3 & 4)-002 R 4 3. CCTV-TYP-(1, 3 & 4)-003 R 4 4. CCTV-TYP-(2 & 5)-001 R 4 5. CCTV-TYP-(2 & 5)-002 R 4 6. CCTV-TYP-(2 & 5)-003 R 4 7. CSC-C-502	1. Typical Floor (1, 3 & 4) General Plan CCTV Layout 2. Typical Floor (1, 3 & 4) General Plan (Sheet 1 of 2) CCTV Layout 3. Typical Floor (1, 3 & 4) General Plan (Sheet 2 of 2) CCTV Layout 4. Typical Floor (2 & 5) General Plan CCTV Layout 5. Typical Floor (2 & 5) General Plan (Sheet 1 of 2) CCTV Layout 6. Typical Floor (2 & 5) General Plan (Sheet 2 of 2) CCTV Layout 7. DPS Approved Typical 1 - 5 Floor CCTV System Design (4 Sets Hard copy + Soft copy)
Submitted by : D. Seetharaman Signature: <i>[Signature]</i> Date: 27-Sep-17	

This portion is for the use of ARENCO only

Architectural Dept.	Status <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit
Comments	
Signed by:	Signature: <i>[Signature]</i> Date: 27 OCT 2017

RECEIVED
26 OCT 2017
ARCHITECTURAL DEPT.

ARENCO (C.S.C.)
NO OBJECTION FOR RESUBMIT
DATE: 27 OCT 2017

Structural Dept.	Status <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected
Comments	
Signed by:	Signature: <i>[Signature]</i> Date:

SIGN. *[Signature]*

MEP Dept.	Status <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved As Noted <input type="checkbox"/> Rejected <input type="checkbox"/> Resubmit
Comments	Follow Comment in CEN- GF- 001, 002, 003, Revy
Signed by:	Signature: <i>[Signature]</i> Date:

EMINENT CONTRACTING LLC
B+G+5 TY FL, RES. BLDG, DIP
RECEIVED
DATE: 26/10/2017

P. [Signature]

This form is to be handed over to ARENCO early enough. Complete approval of Materials may taken upto two weeks.


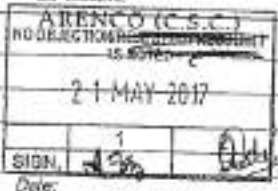
ARENCO

ABDULLAH AHMED ALMOOSA
architectural & engineering consultants

ARENCO (C.S.C.)
17 MAY 2017
RECEIVED

Greek Saban
JOB # 12115
REF # AAC/MS/MEP/ELE/58.84

APPROVAL OF MATERIAL(S)

Project Name		Proposed (B+G+5TYP+HC) Residential Building at DIP for Mr. Abdullah Ahmed Al Moosa	
Plot No.	591-1642	Location	DIP City : Dubai
Main Contractor	AL AHMADIAH CONTRACTING & TRADING		
Department	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Structural	<input checked="" type="checkbox"/> MEP
Material(s) Item	SMATV System		
ARENCO Specified Material(s)		ALTERNATIVE Proposed Material(s)	
SMATV System (Tdx)			
Sub-contractor / Supplier	M/s. Matrix		
Manufacturer	M/s. Triax		
Local Agent	M/s. Matrix		
Enclosures	Material Submittal 3 sets		
Reason(s) for Alteration			
Submitted by	P. Kolobavian	Signature:	<i>P. Kolobavian</i> Date: 17/06/2017
This portion is for the use of Consultant only			
Status	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved As Noted	<input type="checkbox"/> Rejected
Comments	 		
Signed by:	Signature: _____ Date: _____		
This portion is for the use of Consultant only			
Status	<input type="checkbox"/> Approved	<input checked="" type="checkbox"/> Approved As Noted	<input type="checkbox"/> Rejected
Comments	① PLATE FINISH OF WALL OUTLET TO BE SAME AS THAT OF APPROVED WIRING ACCESSORIES. ② SUBJECT TO SIGNAL LEVEL CALCULATION AND ACCEPTANCE. ③ SUBJECT TO SAMPLE APPROVAL.		
Signed by:	Signature: _____ Date: _____		
This portion is for the use of Client only			
Status	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved As Noted	<input type="checkbox"/> Rejected
Comments			
Signed by:	Signature: _____ Date: _____		

This form is to be handed over to ARENCO early enough. Sometimes, approval of Material(s) may take up to two weeks.



SEVILLE PRODUCTS PROJECTS

MATERIAL SUBMITTAL

McLaren Construction Ltd.

Consultant : B & A Engineering Consultants

Subject: STRUCTURED CABLING	Project ID M1416	Reference Number: SEV-MCL-52.02-BMS-MSM-014/3	Rev: 06
Architect: <input type="checkbox"/> Physical Sample <input checked="" type="checkbox"/> Technical Data <input type="checkbox"/> SWS Checklist		Consultant: SEV-MCL-52.02-BMS-MSM-014/3	Client: SEVILLE PRODUCTS

Discipline:

Architectural
 Structural
 M.E.P.
 Interior
 External Works
 Other (specify): _____

DESCRIPTION	MANUFACTURER	SUPPLIER	STATUS
STRUCTURED CABLING	SCHNEIDER-FRANCE	MATRIX	

Note:

Status Code:

A - Approved. (Work may proceed)
 B - Approved with Comments. (Work may proceed subject to incorporation of comments indicated)
 C - Revise and resubmit. (Work may not proceed)

Date returned by Consultant (MCI):

This section to be completed by Consultant:

Comments:

As per submittal

[Signature]
10-07-2017

Consultant's Received Date Stamp:

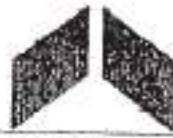
Name:	Designation:	Signature:	Company Stamp & Date:
On behalf of McLaren Construction Ltd.			
Fergus O'Boyle	Sr. Project Manager	<i>[Signature]</i>	2/07/17
Name:	Designation:	Signature:	Date:

Below information is for McLaren/Subcontractor Use Only:

Originator: Space Electro Mechanical	MCL Received Date Stamp: 01-07-2017	MCL Distribution:
Name: GIBIN SDBAN	<i>[Signature]</i>	Client: _____
Designation: PROJECT MANAGER		Consultant: _____
Date: 01.07.2017		Originator: _____

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of the contract documents.

[Handwritten notes and signatures]



SEVILLE PRODUCTS PROJECTS

MATERIAL SUBMITTAL

McLaren Construction Ltd. Consultant : B & A Engineering Consultants

Subject: ACCESS CONTROL SYSTEM	Project ID M141G	Consultant: SEV-MCL-S2.02-BMS-MSM-078	03
Closure: <input type="checkbox"/> Physical Sample <input checked="" type="checkbox"/> Technical Data <input type="checkbox"/> EHS Checklist		Client: SEVILLE PRODUCTS	

DESCRIPTION	MANUFACTURER	SERIAL NO.	TEST
ACCESS CONTROL SYSTEM	SECURTEX(USA)	MATRIX	A

Approved, (Work may proceed)
 Approved with Comments, (Work may proceed subject to incorporation of comments indicated)
 Revise and resubmit, (Work may not proceed)

RECEIVED
 10 MAY 2017

Comments:
 Follow up with door supplier for further
 report locations and other details.
 Approved.

Name: ALEP Designation: McLaren Signature: [Signature] Company Stamp & Date

Name: Fergus O'Boyle Designation: Sr. Project Manager Signature: [Signature] Date: 10/5/17

Author: Space Electro Mechanical	MCL Received Date Stamp 03 MAY 2017	MCL Distribution	
GIBIN BOBAN		Client	Others:
Position: PROJECT MANAGER	Signature: <u>[Signature]</u>	Consultant	
Date: 09.05.2017		Originator	

Changes or comments made received to submittals during this review do not relieve the contractor from compliance with the requirements of the contract.



SEVILLE PRODUCTS PROJECTS

MATERIAL SUBMITTAL

McLaren Construction Ltd.

Consultant : B & A Engineering Consultants

Subject: STRUCTURED CABLING

Project ID
M1416

Consultant: SEV-MCL-S2.02-BMS-M9M-079 04

Enclosure: Physical Sample Technical Data EHS Checklist

Client: SEVILLE PRODUCTS

STRUCTURED CABLING

SCHNEIDER-FRANCE/INDIA

MATRIX

B

Note:

A - Approved. (Work may proceed)

- Approved with Comments. (Work may proceed subject to incorporation of comments indicated)

- Rejected and resubmitted. (Work may not proceed)



Comments:

* Schneider - France approved, India not accepted.

Country of origin certificate to be submitted.

Approved with Comments

Absalom

Name:

MEP Manager
Designation:

Signature

Company Stamp & Date

Fergus O'Boyle

Name:

Sr. Project Manager
Designation:

Signature

Originator: Space Electro Mechanical

BY: LYTTEN THOMAS

Position: PROJECT MANAGER

Date: 09.05.2017

MCL Received Date Stamp

09.05.2017

MCL Distribution

Client

Subcontractor

Manufacturer

Other

Revisions or comments made receive to submitters during this review do not relieve the contractor from compliance with the requirements of the contract



SEVILLE PRODUCTS PROJECTS

McLaren Construction Ltd.

Consultant : B & A Engineering Consultants

Subject: IP CCTV SYSTEM	Project ID M1416	Consultant: SEV-MCL-S2.02-BMS-MSM-060	02
Enclosure: <input checked="" type="checkbox"/> Physical Sample <input checked="" type="checkbox"/> Technical Data <input type="checkbox"/> EMS Checklist		Client: SEVILLE PRODUCTS	

IP CCTV SYSTEM	SAMSUNG/SOUTH KOREA	MATRIX
----------------	---------------------	--------

Note:

Single Copy:

- A - Approved. (Work may proceed)
- B - Approved with Comments. (Work may proceed subject to incorporation of comments indicated)**
- C - Revisit and resubmit. (Work may not proceed)



Comments:

* Provide original letter from Samsung manufacturer stating that submitted bullet camera is used for NPR camera and NPR possible from same camera.
 * Warranty shall be from the date of project bonding over.
 and OLP period shall replace warranty.
 to Approved with Comments.

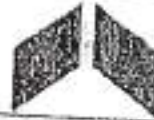
Handwritten signature and date: 25/5/17

<i>Handwritten Name</i>	MEP Manager	<i>Handwritten Signature</i>	24/5/17
Name:	Designation:	Signature:	Company Stamp & Date

Fergus O'Boyle	Sr. Project Manager	<i>Handwritten Signature</i>	12/5/17
Name:	Designation:	Signature:	Date

Originator	Spec Electro Mechanical	MCL Received Date Stamp	MCL Distribution
Name:	GIBIN BOBAN		Client
Designation:	PROJECT MANAGER		Consultant
Date:	16.05.2017		Originator

Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the requirements of the contract documents.



SEVILLE PRODUCTS PROJECTS

MATERIAL SUBMITTAL

McLaren Construction Ltd.

Consultant : B & A Engineering Consultants

Subject: PUBLIC ADDRESS	Project ID: M1416	Consultants: SEV-MCL-S2.02-BMS MSM-10/	Rev: 01
Enclosure: <input checked="" type="checkbox"/> Physical Sample <input checked="" type="checkbox"/> Technical Data <input type="checkbox"/> EHS Checklist		Clients: SEVILLE PRODUCTS	

Approved
 Structure
 MCL
 Other

DESCRIPTION	MANUFACTURER	SUPPLIER	STATUS
PUBLIC ADDRESS	TOA/JAPAN	MATRIX	A

Note:

Status Code:

A - Approved. (Work may proceed)
 B - Approved with Comments. (Work may proceed subject to incorporation of comments indicated)
 C - Revise and resubmit. (Work may not proceed)



The action to be completed by Consultant:

Comments:

Approved

[Signature]

[Signature] MEP Manager

Name: _____ Designation: _____ Signature: _____ Company Stamp & Date

[Signature] Sr. Project Manager

Name: Fergal D'Boyle Designation: _____ Signature: _____ Date: 12/07/17

Originator: Spec Electro Mechanical

Name: GIBIN BOBAN Designation: PROJECT MANAGER Date: 12.07.2017

Signature: *[Signature]*

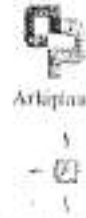
MCL Received Date Stamp: 12 JUL 2017

MCL Distribution: Client, Consultant, Originator

Corrections or comments made receive to submittals by this review do not relieve the contractor from compliance with the requirements of the contract documents



REQUEST FOR APPROVAL OF DRAWINGS



Project: 20-6+10 floors Residential / Commercial Building @ International city
 Client: Riviera Holdings LTD
 Consultant: Arkipan Consulting Architects & Engineers
 Main Contractor: Dubai Walls Contracting
 Subcontractor: Livingston Electromechanical Contracting

Plot No: ICI - CBD 25
 Request Ref:
 Date: 20-01-2015
 Time:

WE REQUEST THE APPROVAL OF THE FOLLOWING INTERCOM SHOP DRAWING

- Architectural Structural Physical Planning AC Others
- Sample Catalogue Compliance Sketch Testal Record Other

Description of Material & Location of Intended Use		REV. NO./DWG NO.
1. GROUND FLOOR		REV. NO./IC-01
2. FIRST FLOOR		REV. NO./IC-02
3. TYPICAL LOWER LEVEL (3RD, 5TH, 7TH & 9TH FLOORS)		REV. NO./IC-03
4. TYPICAL UPPER LEVEL (2ND, 4TH, 6TH & 8TH, 10TH FLOORS)		REV. NO./IC-04
5. SCHEMATIC DIAGRAM		REV. NO./IC-05
6. INTERCOM SYSTEM DETAILS		REV. NO./IC-06
Specified Make		Supplier
Proposed Make		Country of Origin
Main contractor	Dubai Walls Contracting	Date: 20-01-2015
Subcontractor	Livingston Electromechanical Contracting	Date: 20-01-2015
		Signature <i>J. J. J.</i>
		Signature <i>V</i>

FOR THE USE OF CONSULTANT ONLY

Request received by: _____ Date/Time: _____ Signature: _____

Approved Approved as Noted Not Approved

Consultant Comments

Location of the units shall be as per approved
 well communication layout.
 Provide the cable details in Schematic user diagram
 Electrical power supply shall be provided for own Dc Panel.

Received by the Contractor

Name: *Lujadmai TS*
 Signature: *TS*
 Date: *1/1/15*

For the Consultant

Name: *Vinodan*
 Signature: *V*
 Date: *15/02/15*



DUBAI WALLS CONTRACTING

REQUEST FOR APPROVAL OF DRAWINGS



Arkiplan



Project	20+6+10 floors Residential/ Commercial Building @ International city		
Client	Riviera Holdings LTD	Plot No: ICI - CBD 23	
Consultant	Arkiplan Consulting Architects & Engineers	Request Ref:	
Main Contractor	Dubai Walls Contracting	Date: 20-01-2015	
Subcontractor	Livingston Electromechanical Contracting	Time:	

WE REQUEST THE APPROVAL OF THE FOLLOWING CCTV SHOP DRAWING:

- Aerial
- Security
- IP Camera
- Webcam
- VCR
- Others
- Sample
- Category
- Compliance
- Stand
- Test Record
- Other

Description of Material & Location of Intended Use	REV. NO / DWG NO.
1. 2nd BASEMENT FLOOR	REV.01 / CCTV-01
2. 1st BASEMENT FLOOR	REV.01 / CCTV-02
3. GROUND FLOOR	REV.01 / CCTV-03
4. 1ST FLOOR	REV.01 / CCTV-04
5. TYPICAL LOWER LEVEL (3RD, 5TH, 7TH & 9TH FLOORS)	REV.01 / CCTV-05
6. TYPICAL UPPER LEVEL (2ND, 4TH, 6TH & 8TH, 10TH FLOORS)	REV.01 / CCTV-06
7. ROOF FLOOR	REV.01 / CCTV-07
8. SCHEMATIC DIAGRAM	REV.01 / CCTV-08
9. CCTV ROOM DETAILS	REV.01 / CCTV-09

Specified Make		Supplier	
Proposed Make		Country of Origin	
Main Contractor	Dubai Walls Contracting	Date: 20-01-2015	Signature: <i>[Signature]</i>
Subcontractor	Livingston Electromechanical Contracting	Date: 20-01-2015	Signature: <i>[Signature]</i>

FOR THE USE OF CONSULTANT ONLY

Request received by	Date/Time	Signature
<input type="checkbox"/> Approved	<input checked="" type="checkbox"/> Approved as Noted	<input type="checkbox"/> Not Approved
Consultant Comments:		
<p><i>Comments: Details shall be as per approved with... </i></p>		
Received by the Contractor	For the Consultant	
Name: <i>[Signature]</i>	Name: <i>[Signature]</i>	
Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	
Date: <i>[Date]</i>	Date: <i>[Date]</i>	

Details shall be as per approved with...

Project: proposed 4B + G + 14 story residential & commercial building on plot no 3730869 albarsha first

MATERIAL APPROVAL SUBMITTAL

Date Submittal Prepared: **03.02.2015** Submittal Reference: **LC-11** Rev. No.04

Material Description: **STRUCTURAL CABLING SYSTEM** Catalogue Ref:

Manufacturer: **SCHNEIDER** Supplier: **MATRIX MILLENIUM**

Address: Address:

Location to be used at: **ENTIRE BUILDING** Production Period: Weeks

Spec. Ref.: Delivery Ex-Works: Weeks

B.O.Q. Ref.: Total Delivery Time: Weeks

Date Material Required on Site: Expedited Date of Delivery to Site:

Delivery Method:

Overland Sea Freight Air Freight Other

Contractor's Comments:

If Alternative Material submitted; attach full comparison to that specified. Cost implications Yes No

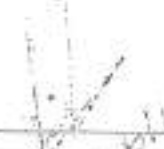
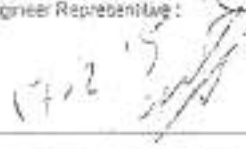
Attachments/Enclosures:

Catalogues Drawings Samples Other

The Contractor Authorized Signature: Engr  Date: 03/02/2015

- Finishing of the face plate shall be matching with other wiring accessories.
 - Separate clean earthing shall be provided as per the Etisalat Requirements
 - Final approval is subject to Etisalat approval, & final testing & commissioning shall be done by the specialist approved Etisalat Subcontractor
 - Contractor to provide labels for all accessories (faceplates, patch panels, cabinets,....etc)
 - The active components shall be provided by the specialist as per Etisalat requirements
 - Original warranty & Guarantee certificate from Schneider shall be
- Status: Submitted as per project specifications.

Approved Approved as Noted Not Approved Resubmit

Reviewed By:  The Engineer Representative: 



Project: proposed 48 + G + 14 story residential & commercial building on plot no 3730869 albarsha first

MATERIAL APPROVAL SUBMITTAL

Date Submittal Prepared: 05.05.2015 Submittal Reference: LC-02 REV. No.03

Material Description: **SMATV SYSTEM**

Manufacturer: **TRIAx / EUROSTAR** Supplier: **MATRIX MILLENIUM**

Address: _____ Address: _____

Location to be used at: **ENTIRE BUILDING** Production Period: _____ Weeks

Spec Ref.: **1425-B-SECTION-818** Delivery Ex-Works: _____ Weeks

BOQ Ref.: **BOQ/Page No-13/72** Total Delivery Time: _____ Weeks

Units/Items Required on Site: _____ Expected Date of Delivery to Site: _____

Delivery Method: _____

Overland Sea Freight Air freight Other

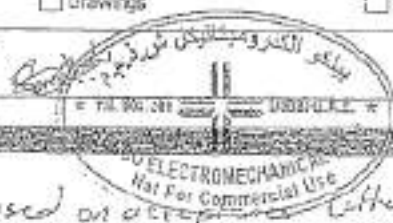
Contractor's Comments: _____

Is alternate material submitted; attach full comparison to that specified, Cost Implications Yes No

Attachments Enclosures

Catalogue Drawings Samples Other

Contractor Authorized Signature: _____ Date: 05/05/2015





Approved based on acceptance letter submitted by client
Approved based on compliance statement submitted by Contractor

Remarks: _____
 Approved Not Approved Resubmit

The Engineer Representative: _____

05.05.2015


The Employer : MR HISHAM ABU'ULLAH AL QASSIM.	The Engineer :  LACASA Architects & Engineering Consultant <small>30300 10000 Doha, P.O. Box 11731 Doha, Qatar</small>	MEP Contract :  BEICO ELECTRO MECHANICAL LLC
Project: Proposed 48+G+4 story residential & commercial building on Plot No. 5730869 of Al Hamid Park		

SHOP DRAWING SUBMITTAL

Submittal Date : 08.08.2018	Submittal Reference : TV-05	Rev: #1
Shop Drawing Title : SMATEV LAYOUT - GROUND FLOOR		
If the submittal contains more than two shop drawings, please attach a list. <input checked="" type="checkbox"/> List attached		
The Contractor Comments : 3 set of shop drawings (A1 size)		

For Approval
 For Information Only
 Other _____

The Contractor Authorized Signature: _____ Date: **15.05.18**



- To be coordinated with power drawings
- Coordinate with other services during installation

** MEP coordination drawing shall submit To Engineer For Final Approval.*

Approved
 Approved as Noted
 Not Approved
 Resubmit

Reviser By: _____ <i>18/10/2015</i> <i>18-5-15</i>	The Engineer Representative: _____ <i>19.5.15</i>
--	--

11815 15
 RECEIVED MATERIAL SUBMITTAL
 11 AUG 2015
 AS REQUIRED BY CONTRACT

CLIENT	M/S NAFED FZCO.	PROJECT NAME	PROPOSED CONSTRUCTION OF C-4 LABOUR ACCOMMODATION ON PLOT NO. 597-682 D.I.P. DUBAI
P. MANAGER	ENGR. JAWAD	PROJECT NO.	J-154/555-O
CONTRACTOR	M/S COMFORT HOUSE CONTRACTING LLC	NOTES:	A. A PERIOD OF 14 WORKING DAYS IS TO BE ALLOWED BY THE CONTRACTOR FOR CONSIDERATION OF THIS REQUEST. B. APPROVAL / COMMENTS DO NOT RELIEVE THE CONTRACTOR FROM HIS CONTRACTUAL OBLIGATIONS.
SUBMITTAL NO.	MS-EL-11/154 SN	DESCRIPTION:	B.O.Q REFERENCE: Bill No. 18.1 CONTRACT SPECIFICATION REFERENCE:
	01 REV	STRUCTURAL CABLING (with sample) Reply as per consultant comments on MS-EL-11/154 dated 20-Jul-15	IMPORTER / SUPPLIER: Mrs. Matrix Millenium Electromechanical Cont. Tel: 043466809; Fax: 043466805
MANUFACTURER'S NAME AND ADDRESS:	Beiden	RELATED TO:	MEP ARCH <input type="checkbox"/> STRUCT <input type="checkbox"/> A/C <input type="checkbox"/> ELECT <input checked="" type="checkbox"/> PLUMB <input type="checkbox"/> GENERAL <input type="checkbox"/>
		PLANNED START:	
		TYPE:	MATERIAL SAMPLE <input checked="" type="checkbox"/> DOCUMENTS <input checked="" type="checkbox"/> OTHERS <input type="checkbox"/>
ATTACHMENTS:	CATALOGUES <input checked="" type="checkbox"/> REPORTS <input checked="" type="checkbox"/> OTHERS <input type="checkbox"/>	COUNTRY OF ORIGIN:	
CONTRACTOR SUBMITTED BY:	(Hassan Hamoud)	SIGNATURE:	<i>[Signature]</i> DATE: 10-Aug-15
CONSULTANT RECEIVED BY:		SIGNATURE:	
CONSULTANTS COMMENTS:	Refer to Attached Paper		REVIEWED BY:
			P. ENG. <input type="checkbox"/>
			ARCH <input checked="" type="checkbox"/> N.A. <i>[Signature]</i> 10/8
			STRUCT <input type="checkbox"/>
			MEP <input checked="" type="checkbox"/>
ACTION	APPROVED, WORK MAY PROCEED <input type="checkbox"/> A	CLIENT APPROVAL	
	APPROVED WITH COMMENTS WORK MAY PROCEED INCORPORATING THE COMMENTS <input checked="" type="checkbox"/> B	NAME:	
	NOT APPROVED, WORK MAY NOT PROCEED, RESUBMIT <input type="checkbox"/> C	SIGNATURE:	
CONSULTANT ISSUED BY:	Qusai	SIGNATURE:	<i>[Signature]</i> DATE: 12/8/2015
CONTRACTOR RECEIVED BY:	M.A. (154)	SIGNATURE:	<i>[Signature]</i> DATE: 17/8/2015

DISTRIBUTION: CLIENT PROJECT MANAGER OTHERS (Specify)

71806 15

ORION CONSULTING ENGINEERS
 P.O. Box 1078, Deira, UAE
 Tel: +971 4 2208811
 Fax: +971 4 2208811
 Email: info@orion.ae
 www.orion.ae

SHOP DRAWINGS SUBMITTAL
 RECEIVED BY CONTRACTOR

17 FEBRUARY 2015

CLIENT	M/S NAME: <u>DO FOCUS</u>	PROJECT NAME: <u>PROPOSED G+4 LABOUR / STAFF ACCOMMODATION ON PLOT NO. 897-205, P.O.P. 2nd, Dubai.</u>	
P. MANAGER	ENGINEER: <u>AWAD</u>	PROJECT NO.: <u>J-154 / 555-O</u>	
CONTRACTOR	<u>RMS COMFORT HOUSE CONTRACTING LLC</u>	NOTES: A. A PERIOD OF 14 WORKING DAYS IS TO BE ALLOWED BY THE CONTRACTOR FOR CONSIDERATION OF THIS REQUEST. B. APPROVAL / COMMENTS DO NOT RELIEVE THE CONTRACTOR FROM HIS CONTRACTUAL OBLIGATIONS.	
SUBMITTAL NO.	<u>SD-TE-01/154</u> REV: <u>01</u>		
DESCRIPTION:			
RELATED TO:			
M E P			
<input type="checkbox"/> ARCH <input type="checkbox"/> STRUCT <input type="checkbox"/> ME <input type="checkbox"/> ELEC <input type="checkbox"/> PLUMB <input type="checkbox"/> GENERAL			
PLANNED START: _____ PLANNED FINISH: _____			
TYPE: DRAWINGS <input checked="" type="checkbox"/> DOCUMENTS <input type="checkbox"/> OTHERS <input type="checkbox"/>			
ATTACHMENTS: SOFT COPY <input type="checkbox"/> CATALOGUE <input type="checkbox"/> OTHERS <input type="checkbox"/>			
S/N	Copies	Description	Action
1	3	Telephone Shop Drawing Revision 1 (5 sheets) - Setting out plan Telephone Layout (T-101) - Ground Floor Plan Telephone Layout (T-102) - First Floor Plan Telephone Layout (T-103) - Typical 2nd - 4th floor Telephone Layout (T-104) - Schematic Diagram Telephone Layout (T-105)	
1	1	Telephone Shop Drawing (2 sheets) Ref. No. SD-TE-01/154	

RMS COMFORT HOUSE CONTRACTING LLC
 Contract House, Colson City, LLC
 Tel: +971 4 2208811, Fax: +971 4 2208811
 Address: P.O. Box 1078, Deira, UAE


CONTRACTOR ISSUED BY: <u>(Hassen Kamrout)</u>	SIGNATURE: <u>[Signature]</u>	DATE: <u>10-Aug-15</u>
CONTRACTOR RECEIVED BY:	SIGNATURE:	DATE:

CONSULTANTS COMMENTS: <u>- earthing Rods shall be Pure Copper</u>	REVIEWED BY:
	P. ENG. <input type="checkbox"/>
	ARCH <input type="checkbox"/>
	STRUCT <input type="checkbox"/>
	MEP <input checked="" type="checkbox"/> <u>[Signature]</u>

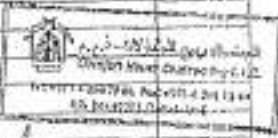
ACTION	APPROVED WORK MAY PROCEED	A <input type="checkbox"/>	CLIENT APPROVAL
	APPROVED WITH COMMENTS WORK MAY PROCEED INCORPORATING THE COMMENTS	B <input checked="" type="checkbox"/>	NAME: _____ SIGNATURE: _____ DATE: _____
	NOT APPROVED WORK MAY NOT PROCEED, RESUBMIT	C <input type="checkbox"/>	

CONSULTANT ISSUED BY: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	DATE: <u>17/8/2015</u>
CONTRACTOR RECEIVED BY: <u>[Signature]</u>	SIGNATURE: <u>[Signature]</u>	DATE: <u>10-08-2015</u>


DISTRIBUTION: CLIENT PROJECT MANAGER OTHERS (Specify)

		RECEIVED 11/09/2015	
CLIENT: MIS NAFFOY EZZO.		PROJECT NAME: PROPOSED CONSTRUCTION OF G+4 LABOUR ACCOMMODATION ON PLOT NO. 397-603 D.I.P, DUBAI	
P. MANAGER: ENGR. JAWAD		PROJECT NO.: J-154/365-D	
CONTRACTOR: MR. COMFORT HOUSE CONTRACTING LLC		NOTES: A. A PERIOD OF 14 WORKING DAYS TO BE ALLOWED BY THE CONTRACTOR FOR COORDINATION OF THIS REQUEST. B. APPROVAL / COMMENTS TO PROVIDE THE CONTRACTOR FROM HIS COMMERCIAL SOLUTIONS.	
SUBMITTAL NO.: MS-1C-01/154 OR REV		B.O.Q REFERENCE: BIE No. 18.1	
DESCRIPTION: SMATV SUBMITTAL As per consultant comments on BO-1C-01N54 dated 23-Aug-15		CONTRACT SPECIFICATION REFERENCE:	
MANUFACTURER'S NAME AND ADDRESS: Triax (Denmark)		IMPORTER / SUPPLIER: Ms. Mazk Millennium Electromechanical Cont. Tel: 043468899; Fax: 043465638	
RELATED TO: ARCH STRUCT A/C ELEC PLUMB GENERAL		ME P	
PLANNED START:		PLANNED FINISH:	
TYPE: MATERIAL SAMPLE <input type="checkbox"/> DOCUMENTS <input checked="" type="checkbox"/> OTHERS <input type="checkbox"/>		COUNTRY OF ORIGIN: Denmark	
ATTACHMENTS: CATALOGUES <input checked="" type="checkbox"/> REPORTS <input type="checkbox"/> OTHERS <input type="checkbox"/>		SIGNATURE: <i>[Signature]</i> DATE: 31-Sep-15	
SUBMITTED BY: (Hussein Hamrouh)		RECEIVED BY: <i>[Signature]</i> DATE:	
CONSULTANTS COMMENTS:		REVIEWED BY:	
- subject for testing and certification - subject to client approval		P. ERG ARCH STRUCT MEP <i>[Signature]</i>	
ACTION: APPROVED, WORK MAY PROCEED A <input type="checkbox"/> CLIENT APPROVAL APPROVED WITH COMMENTS WORK MAY PROCEED INCORPORATING THE COMMENTS B <input checked="" type="checkbox"/> NAME: NOT APPROVED, WORK MAY NOT PROCEED, REVISIONS C <input type="checkbox"/> SIGNATURE: DATE:		DATE: 31/9/2015	
CONTRACTOR RECEIVED BY: ALVIN (2 COB)		SIGNATURE: <i>[Signature]</i> DATE: 09-09-2015	
DISTRIBUTION: CLIENT <input type="checkbox"/> PROJECT MANAGER <input checked="" type="checkbox"/> OTHERS (Specify) <input type="checkbox"/>			

ORION		JOB DRAWINGS SUBMITTAL	
CLIENT	M/S NAFFLCO	PROJECT NAME	PROPOSED G-6 LABOUR / STAFF ACCOMMODATION ON PLOT NO. 501-235, 2nd, Dubai
P. MANAGER	ENGR. JAWAD	PROJECT NO.	J-154 / 055-0
CONTRACTOR	M/S COMFORT HOUSE CONSTRUCTION	NOTES:	A. A PERIOD OF 14 WORKING DAYS IS TO BE ALLOWED BY THE CONTRACTOR FOR CONSIDERATION OF THIS DRAWING. B. APPROVAL / COMMENTS DO NOT RELIEVE THE CONTRACTOR FROM HIS CONTRACTUAL OBLIGATIONS.
SUBMITTAL NO.	SD-1004/154 01 01	REV	
DESCRIPTION:			
RELATED TO:		M.E.P.	
ARCH	STRUCT	M/E	PLUMB
PLANNED START:		PLANNED FINISH:	
TYPE: DRAWING <input checked="" type="checkbox"/> DOCUMENT <input type="checkbox"/> OTHER <input type="checkbox"/>			
ATTACHMENTS: SOFT COPY <input type="checkbox"/> CATALOGUE <input type="checkbox"/> OTHER <input type="checkbox"/>			
SN	Copy	Description	Action
1	4	SMATV Shop Drawing Revision 1 (Mistak)	
		- Ground Floor Plan SMATV Layout (SMATV-101)	
		- First Floor Plan SMATV Layout (SMATV-102)	
		- Typical 2nd to 4th Floor Plan SMATV Layout (SMATV-103)	
		- Roof Plan SMATV Layout (SMATV-104)	
		- Schematic Diagram EMATV Layout (SMATV-105)	
ISSUED BY: (Jawad Hammad)		SIGNATURE: <i>Jawad</i>	DATE: 28 Sep / 15
CONSULTANT RECEIVED BY:		SIGNATURE:	DATE:
CONSULTANT COMMENTS:		REVIEWED BY:	
<ul style="list-style-type: none"> - Coordinate with Power drawings - Coordinate with other services during installation - M.E.P combination drawings shall be submitted for engineering firm final approval 		A. ENR ARCH STRUCT M/E <i>approved</i>	
ACTION	APPROVED, WORKWAY PROCEED	A <input type="checkbox"/>	CLIENT APPROVAL
	APPROVED WITH COMMENTS WORKWAY PROCEED INCORPORATING THE COMMENTS	B <input checked="" type="checkbox"/>	NAME SIGNATURE
	NOT APPROVED, WORKWAY NOT PROCEED, RESUBMIT	C <input type="checkbox"/>	DATE
ISSUED BY: <i>Jawad</i>	SIGNATURE: <i>Jawad</i>	DATE: 7/9/2015	
RECEIVED BY: <i>PSM (2 sets)</i>	SIGNATURE: <i>Jawad</i>	DATE: 09-07-2015	
DISTRIBUTION:	CLIENT <input type="checkbox"/>	PROJECT MANAGER <input type="checkbox"/>	OTHERS (Specify) <input type="checkbox"/>



721 16


SHOP DRAWINGS SUBMITTAL
(To be used by CONTRACTOR)

CLIENT	Mr. Khalid Ahmed Qasem Al-Khakh / Eng. Jawad	PROJECT NAME	PROPOSED 2B+G+4 RESIDENTIAL BUILDING ON PLOT NO. JVC 148 MRP 005, AL BARSHA SOUTH 4TH
P. MANAGER		PROJECT NO.	J-149 / 538-0
CONTRACTOR	Ms COMFORT HOUSING CONTRACTORS LLC	NOTES:	A. A PERIOD OF 14 WORKING DAYS IS TO BE ALLOWED BY THE CONTRACTOR FOR CONSIDERATION OF THIS REQUEST. B. APPROVAL / COMMENTS DO NOT EXEMPT THE CONTRACTOR FROM HIS CONTRACTUAL OBLIGATIONS.
SUBMITTAL NO.	SD-LC-08/149 SN REV		
DESCRIPTION:			
RELATED TO:			
MEP			
ARCH STRUCT AC ELECT PLUMB GENERAL			
PLANNED START:		PLANNED FINISH:	
TYPE: DRAWINGS <input checked="" type="checkbox"/> DOCUMENTS <input type="checkbox"/> OTHERS <input type="checkbox"/>			
ATTACHMENTS: SOFT COPY <input checked="" type="checkbox"/> CATALOGUE <input type="checkbox"/> OTHERS <input type="checkbox"/>			
SN	Codes	Description	Action
1	1	SMATV SHOP DRAWINGS REVISION 1 (5 sheets) - Ground Floor Plan SMATV Layout (SMATV-101) - Typical (1 to 3) Floor Plan SMATV Layout (SMATV-102) - Fourth Floor Plan SMATV Layout (SMATV-103) - Roof Floor Plan SMATV Layout (SMATV-104) - Schematic Diagram SMATV Layout (SMATV-105)	
<small>CONTRACTOR:</small> ISSUED BY: (Hassan Hamrouh) SIGNATURE: <i>[Signature]</i> DATE: 29-Dec-15			
<small>CONSULTANT:</small> RECEIVED BY: SIGNATURE: DATE:			
<small>CONSULTANT'S COMMENTS:</small> 1- Submit sections for Max cable cuts at Roof. 2- Submit coordination drawings for Roof			<small>REVIEWED BY:</small> R. ENG. ARCH STRUCT MEP
ACTION	APPROVED, WORK MAY PROCEED	A <input type="checkbox"/>	CLIENT APPROVAL
	APPROVED WITH COMMENTS WORK MAY PROCEED INCORPORATING THE COMMENTS	B <input checked="" type="checkbox"/>	NAME: SIGNATURE: DATE:
	NOT APPROVED, WORK MAY NOT PROCEED, REEVALUATE	C <input type="checkbox"/>	
<small>CONSULTANT:</small> ISSUED BY: <i>[Signature]</i> SIGNATURE: <i>[Signature]</i> DATE: 4/1/2016			
<small>CONTRACTOR:</small> RECEIVED BY: <i>[Signature]</i> SIGNATURE: <i>[Signature]</i> DATE: 25-JAN-2016			
DISTRIBUTION: CLIENT <input type="checkbox"/> PROJECT MANAGER <input type="checkbox"/> OTHERS (Specify) <input type="checkbox"/>			

The Employer: Mr. Khalid Abdulla Qassim Alqassim	The Engineer: LACASA Architects & Engineering Consultants	The Contractor:  برج المستقبل FUTURE TOWERS
--	--	--

Project: G + 6 Story Residential Building On Plot No 4210645 Al Warqa First-Dubai

MATERIAL APPROVAL SUBMITTAL

Date: 04-Jul-15	Reference: MAP159/160/05/15	Rev. 2
-----------------	-----------------------------	--------

Material Description: AUDIO INTERCOM

Model Number, Brand Or Code Of Proposed Material: COMELIT, ITALY	<input type="checkbox"/> Refer to the Attached Summary of Proposed Materials
--	--

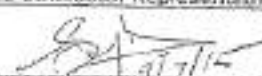
Location Of Use:
ALL FLOORS

Specification Section:
PART: B; SECTION: 17

Manufacturer Details	Supplier Details
COMELIT, Italy	Mr. Mithal Mithum Elwanneeh Dubai P.O. - 77143 UAE



1. Complete statement should be included in the submittal.
2. Copy of the Contract Specification Section should be included in the submittal.
3. All sheets must be signed & sealed by the Contractor and the Specialist (Subcontractor).
4. Submittal reference number should be noted on the attachments.


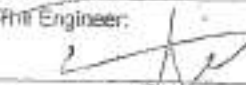
The Contractor Representative Signature 	Eng. Sadi Elasad	Date: 04-Jul-15
--	------------------	-----------------

THE ENGINEER COMMENTS:

- SUBMIT SAMPLE FOR APPROVAL
- SUBJECT TO CLIENT APPROVAL
- ALL MATERIAL INSPECTION TO BE DONE BEFORE ANY INSTALLATION
- COUNTRY OF ORIGIN CERTIFICATE TO BE SUBMITTED FROM LOCAL MATERIAL INSPECTION
- INTERFERENCE WITH FIBER & ACCESS CONTROL SYSTEMS

APPROVAL STATUS:

APPROVED	<input checked="" type="radio"/> APPROVED AS NOTED	<input type="radio"/> REVISE AND RESUBMIT	<input type="radio"/> SAMPLES AND/OR ADDITIONAL DATA REQUIRED	<input type="radio"/> NOT APPROVED
----------	--	---	---	------------------------------------

Reviewed By:  04-Jul-15	For The Engineer:  26-7-15
--	---

Handwritten notes:
 26/7/15
 26/7/15

The Employer: Mr. Khalid Abdulla Cassim Alqassim	The Engineer: 	The Contractor: 
--	---	---

Project: G + 6 Story Residential Building On Plot No 4210645 Al Warqa First-Dubai

MATERIAL APPROVAL SUBMITTAL

Date: 20-Jun-15 Reference: M/P159/158/06/15 Rev.2

Material Description: STRUCTURAL CABLING

Model Number, Brand Or Code Of Proposed Material:
 TECHLOGIKS, Canada ☐ Refer to the Attached Summary of Proposed Materials


Location Of Use:
 ALL FLOORS

Specification Section:
 PART: B; SECTION: 15

Manufacturer Details: TECHLOGIKS, Canada	Supplier Details: Mrs. Manal Alkhamis Engineer Dhow P.O. Box 77347 UAE
---	---





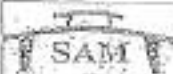
- 1. Complete statement should be included in the submittal
- 2. Copy of the Contract Specification Section should be included in the submittal
- 3. All sheets must be signed & sealed by the Contractor and the Specialist Subcontractor(s)
- 4. Submittal reference number should be noted on the attachments

The Contractor Representative Signature:

Date: 20-Jun-15

THE ENGINEER'S COMMENTS:

→ MAKE APPROVED PER AGR THE CLIENT LETTER.
 → SUBMIT DRAWING COUNTRY OF ORIGIN CERTIFICATE ALONG WITH SUPPLY.
 → SUBJECT TO SAMPLE APPROVAL
 → SUBJECT TO ETISALAT APPROVAL

APPROVED	APPROVED AS NOTED	REVISE AND RESUBMIT	SAMPLES AND/OR ADDITIONAL DATA REQUIRED	NOT APPROVED
Reviewed By: 		For The Engineer: 		



A.M.E.C.

AL MAMAL ENGINEERING CONSULTANTS
المعهد للمهندسين الاستشاريين

PROJECT: GT & LIQUID ACCESS
LOCATION: 300-301, Jeddah Road, Jeddah, KSA
DRAWN: MAHMOUD L. EL-DARS
CONTRACTOR: SAM ENGINEERING CONSULTING GROUP

Shop Drawing Submittal

Ref. No. SAM/PS40/142/05/PS4/1187/05

Draw. No. T90 & T-200

Originator of the Submittal: DAWASH DRIVING
Authorized Signature:

Date: 05-07-15

Notes:

LOW CURRENT DRAWINGS - Low Current Layout

(3 Set Hard Copy & 1 Set Soft Copy in CD)

Drawing titles:

- T-00 Ground Plane Floor Telephone (PABX) layout
- T-000 Single Line Diagram Telephone layout (For PABX Systems Only)

- Rungs
- Unrungs
- Technical notes sheet
- Others

Main Contractor Signature: _____ Date: 05-07-15

Sub-Contractor Signature: _____ Date: _____

Consultant Received: Received 12/2/2015 Date: _____

Main Contractor's Comment: We certify that this drawing, when combined with the data referred to herein and its coordination with the approved drawings and specifications shall be in accordance with the contract documents.

Consultant Resident Engineer's Comments:

- 1- Low current pipes should be coordination.
- 2- all Telephone Panel should cover all requirements.
- 3- Final approval subject to completion of project.

- A - Approved
- B - Approved As Noted
- C - Approved as Noted, Resubmit
- D - Not Approved, Resubmit

Consultant's Signature:


Contractor's Signature: _____

Date: 29.7.2015


Date:

Contractor's Comment: We certify that this drawing, when combined with the data referred to herein and its coordination with the approved drawings and specifications shall be in accordance with the contract documents.

		
PROJECT	G+4 LABOUR ACC BLEG	
PLOT NO.	599-2098 Jebel Ali Ind-1, DUBAI	
CLIENT	MD: IMDAAD L.L.C	
CONTRACTOR	SAM BUILDING CONTRACTING LLC	

Material Submittal		Ref. No. P940-ELV-3 R1
		Mat Code
Originator of the Submittal: Mariyachas		Date: 7/7/2015
Position: PROJECT MANAGER ME*		Index:
Material Detail		List of Enclosure <small>(Tick the Related Box)</small>
Item Description	Public Address System	<input checked="" type="checkbox"/> Vendor's Technical Literature
Location/ Use	Inside Building	<input type="checkbox"/> Compliance Statement
Specs. / BOQ / Dwg. Reference		<input type="checkbox"/> Previous Test Results
Material Specified		<input type="checkbox"/> Copy of the Related Specs.
Material Proposed	BOSCH	<input type="checkbox"/> List of Previous Projects Done
Manufacturer / Local Supplier	Local Supplier	<input type="checkbox"/> Samples
Reason for Alternative		<input checked="" type="checkbox"/> Others (Specify): Method of Statement
Remarks		

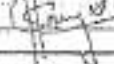
Main Contractor Statement: We certify that the material submitted herewith has been reviewed in detail and in compliance with the contract drawings and specifications except as otherwise stated herebelow.

Main Contractor Signature: 	Date: 7/7/2015
--	-----------------------

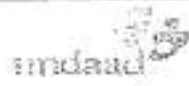
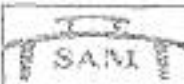
Consultant Receiver:	Date:
----------------------	-------

Consultant Resident Engineer's Comments:		
<p><i>The PA shall cover the building</i></p> <p><i>BOSCH is the correct designation without any PA system.</i></p> <p><i>Final approval is required for test results.</i></p> <p><i>The supplier shall make sure on any defect within 10 days.</i></p>		<input type="checkbox"/> A - Approved <input checked="" type="checkbox"/> B - Approved As Noted <input type="checkbox"/> C - Not Approved, Resubmit <input type="checkbox"/> D - Incomplete, Resubmit

Consultant's Signature: 	Date: 6-6-2015
---	-----------------------

Client's Signature: 	Date: 9/8/15
---	---------------------

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



A.M.E.C.

AL MONHE ENGINEERING CONSULTANTS
المهندسين للاستشارات الهندسية

PROJECT: Q-14 CURRENT ACC-BLDG
PROJECT NO: 009-2008 Joint A104-E, PERAL
CLIENT: NV, HUBAIB LLC
CONTRACTOR: SAMI BUILDING CONTRACTOR LLC

Shop Drawing Submittal

Ref. No: SAM/0946/226/06/114/13516/15
Dwg No: WIFI-101

Originator of the Submittal: SAHIB SAHIB
Authorized Signature:

Date: 06-06-15
Index:

LOW CURRENT DRAWINGS — WIFI DWGS (R0)

Drawing titles:

WIFI-101 Ground Floor Plan WIFI Layout

- Sample
- Checklist
- Technical Data Sheet
- Other

Main Contractor Signature: _____ Date: 06-06-15

Sub-Contractor Signature: _____ Date: _____

Consultant Received: _____ Date: _____

Notes/Comments: We certify that the shop drawing submitted herewith has been reviewed in detail and is compliant with the contract drawings and specifications except as otherwise noted hereabove.

Consultant Resident Engineer's Comments:

1. All prints to cover the building.

2. All prints to be coordinated with Architect plan.

3. Find approved subject to Test drawing.

- A - Approved
- B - Approved as Noted
- C - Approved as Noted, Revisited
- D - Not Approved

Consultant's Signature:

Date: 25/6/2015

Contractor's Signature: _____

Date: _____

Declaration: I/we hereby declare that I/we have reviewed the drawings and specifications and approved them for construction. I/we shall be held responsible for any errors or omissions in the drawings and specifications and for any consequences thereof.

PROJECT	G+4 LABOUR ACC BLDG	
PLOT NO.	595-2011 Jebel Ali Ind-1, DUBAI.	
CLIENT	ME&TMDAAD L.L.C	
CONTRACTOR	SANKI BUILDING CONTRACTING LLC	

Material Submittal		Ref. No. <u>P943-ELV-4 R1</u>
Originator of the Submittal: <u>Javed Malik</u>		Date: <u>6/7/2015</u>
Position: <u>PROJECT MANAGER</u>		Index: _____
Item Description	<u>Wireless Access Point</u>	List of Enclosure <small>(Tick the Enclosure)</small> <input type="checkbox"/> 1/ Vendor's Technical Literature <input type="checkbox"/> 2/ Compliance Statement <input checked="" type="checkbox"/> 3/ Inclusion Test Results <input type="checkbox"/> 4/ Cost of the Related Source <input type="checkbox"/> 5/ List of Previous Projects Done <input type="checkbox"/> 6/ Site Visit <input checked="" type="checkbox"/> 7/ Other (Specify): Method of Statement
Location / Use	<u>Inside Building</u>	
Specs. / BCL / Drwg. Reference		
Material Specified		
Material Proposed	<u>Engelco</u>	
Manufacturer / Local Supplier	<u>Local Supplier</u>	
Reason for Alternative		
Remarks		

Main Contractor Declaration: We hereby state the material submittal/brands has been reviewed by client as per the application and the contract drawings and specifications through authorized third agencies.

Main Contractor Signature: <u>[Signature]</u>	Date: <u>6/7/2015</u>
Consultant Received:	Date:

Consultant Resident Engineer's Comments:

I will approve material to be within some extent of
and / take only 1 sample to be submitted for approval
2. Method with sample as per required
3. Speed approval subject to compliance with the
specification

Consultant's Signature: [Signature] Date: 6-7-15

Client's Signature: _____ Date: _____

Conditions or comments with reference to submittal during this review do not release the contractor from compliance with the contract requirements and specifications. The contractor is responsible for ensuring compliance with the design intent of the project and general contract conditions. The contractor is responsible for ensuring compliance with the contract drawings and specifications.

4. all proposed material to be approved the authority.

S. F. P
The contractor has to ensure that this material cover by the price of
BoQ no negotiation was submitted.

<p>The Employer</p>  <p>مستشفى دبي للخيل DUBAI EQUINE HOSPITAL</p>	<p>The Engineer</p>  <p>LACASA Architects & Engineering Consultants</p>	<p>The Contractor</p>  <p>CHINA RAILWAY 18th BUREAU GROUP L.L.C 中国铁建 TEL:04-459008 FAX:04-459077 P.O.BOX:4881 DUBAI Email:crbg_18@crcc.com.cn</p>
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Project: **B+G+6 STOREY RESIDENTIAL BUILDING ON PLOT NO.4210615 AL WARQA FIRST, DUBAI, UAE**

MATERIAL APPROVAL SUBMITTAL

Date: 20/02/2020

Reference: CRCC/515/LAC/MEP/MS/61/R01

Material Description: Access Control System(As per value engineering)

Ventor List brand: As per value engineering

Model Number, Brand Or Code Of Proposed Material:
Hikvision-China

Refer to the Attached Summary of Proposed Materials with Sample Board

Location Of Use : Ground floor

Specification Section: Volume 3 /
Section



Manufacturer Details

Supplier Details

Hikvision-China

Matrix Millenium Electromechanical LLC
P.O BOX NO.77143, Dubai, UAE

1. Compliance statement should be included in the submittal.
2. Copy of the Contract Specification Section should be included in the submittal
3. All sheets must be signed & sealed by the Contractor and the Specialist Subcontractor(s)
4. Submittal reference number should be noted on the attachments



The Contractor Representative Signature

S. Sikkanteau S. dny.

Date: 20/02/20

THE ENGINEER COMMENTS:

*Final Approval subject to full system testing & commissioning
& warranty shall be from TOC date.*

THE EMPLOYER COMMENTS:

ACTION: (As Marked)

APPROVED

APPROVED AS NOTED

REVISE AND RESUBMIT

SAMPLES AND/OR ADDITIONAL DATA REQUIRED

NOT APPROVED

Reviewed By

[Signature]
23/2/2020

For The Engineer:

For The Employer:

The Employer



مستشفى دبي للخوول
DUBAI EQUINE HOSPITAL

The Engineer

LACASA
Architects & Engineering Consultants

The Contractor



**CHINA RAILWAY 18th
BUREAU GROUP L.L.C**
中国铁路
TEL:96-4568088 FAX:94-450877 P.O.BOX:4881 DUBAI
E-mail:cr18g_bureau@crcc.com.cn

Project: B+G+6 STOREY RESIDENTIAL BUILDING ON PLOT NO.4210615 AL WARQA FIRST, DUBAI, UAE

MATERIAL APPROVAL SUBMITTAL

Date: 20/02/2020

Reference: CRCC/515/LAC/MEP/MS/60/R01

Material Description: Audio Intercom System(As per value engineering)

Ventor List brand: As per value engineering

Model Number, Brand Or Code Of Proposed Material:
Comelit-Italy

Refer to the Attached Summary of Proposed Materials with
Sample Board

Location Of Use : Typical floor

Specification Section: Volume 3 /
Section 278000 page 1 of 9

Manufacturer Details

Comelit-Italy

Supplier Details

Matrix Millenium Electromechanical LLC
P.O BOX NO.77143, Dubai, UAE



1. Compliance statement should be included in the submittal
2. Copy of the Contract Specification Section should be included in the submittal
3. All sheets must be signed & sealed by the Contractor and the Specialist Subcontractor(s)
4. Submittal reference number should be noted on the attachments

The Contractor Representative Signature

S. Srikantbal S. Singh

Date: 20/02/20

THE ENGINEER COMMENTS:

Approved

THE EMPLOYER COMMENTS:

ACTION: (As Marked)

APPROVED

APPROVED AS
NOTED

REVISE AND
RESUBMIT

SAMPLES AND/OR ADDITIONAL
DATA REQUIRED

NOT APPROVED

Reviewed By:

[Signature] 23/2/2020

For The Engineer:

For The Employer:

The Employer



مستشفى دبي للخيل
DUBAI EQUINE HOSPITAL

The Engineer

LACASA
Architects & Engineering Consultants

The Contractor



CHINA RAILWAY 18th
BUREAU GROUP L.L.C
中国铁路
TEL: 04-4108888 FAX: 04-4588077 P.O. BOX: 48881 DUBAI
E-mail: cr18g@crconrail.com.cn

Project: B+G+6 STOREY RESIDENTIAL BUILDING ON PLOT NO.4210615 AL WARQA FIRST, DUBAI, UAE

MATERIAL APPROVAL SUBMITTAL

Date: 20/02/2020

Reference: CRCC/515/LAC/MEP/MS/85/R02

Material Description: CCTV(As per value engineering)

Ventor List brand: As per value engineering

Model Number, Brand Or Code Of Proposed Material:
Dahua-China

Refer to the Attached Summary of Proposed Materials with
Sample Board

Location Of Use : Complete Building

Specification Section: Volume 3 /
Section 288200 page 1 of 26

Manufacturer Details

Dahua-China

Supplier Details

Matrix Millenium Electromechanical LLC
P.O BOX NO.77143, Dubai, UAE



1. Compliance statement should be included in the submittal.
2. Copy of the Contract Specification Section should be included in the submittal.
3. All sheets must be signed & sealed by the Contractor and the Specialist Subcontractor(s).
4. Submittal reference number should be noted on the attachments.



The Contractor Representative Signature

S. Slickanthal S. Jey

Date: 20/02/20

THE ENGINEER COMMENTS:

- * All outdoor cameras shall be WIP type to min 10 IP Rating IP-67 with WIP Back Panel for connect to IP-68.
- * All outdoor cameras color RAL 9005 white shall be final approval subject to final client approval & acceptance.

THE EMPLOYER COMMENTS:

- * Final approval subject to full system testing & handing over to SIRA & related local authorities.

ACTION: (As Marked)

APPROVED

APPROVED AS NOTED

REVISE AND RESUBMIT

SAMPLES AND/OR ADDITIONAL DATA REQUIRED

NOT APPROVED

Reviewed By

23/2/2020

For The Engineer:

For The Employer:

<p>The Employer</p>  <p>مستشفى دبي للخيول DUBAI EQUINE HOSPITAL</p>	<p>The Engineer</p>  <p>LACASA Architects & Engineering Consultants</p>	<p>The Contractor</p>  <p>CHINA RAILWAY 18th BUREAU GROUP L.L.C 中国铁路 TEL:04-430868 FAX:04-430877 P.O.BOX:4881 DUBAI Email:rlg@rcrcrailway.com.cn</p>
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Project: B+G+6 STOREY RESIDENTIAL BUILDING ON PLOT NO.4210615 AL WARQA FIRST, DUBAI, UAE

MATERIAL APPROVAL SUBMITTAL

Date: 20/02/2019

Reference: CRCC/515/LAC/MEP/MS/62/R01

Material Description: Gate barrier(As per value engineering)

Vendor List brand: As per value engineering

Model Number, Brand Or Code Of Proposed Material:
BFT-Italy

Refer to the Attached Summary of Proposed Materials with Sample Board

Location Of Use : Ground floor

Specification Section: Volume 3 /
Section 111200 page 1 of 6



Manufacturer Details

BFT-Italy

Supplier Details

Matrix Millenium Electromechanical LLC
P.O BOX NO.77143, Dubai, UAE

1. Compliance statement should be included in the submittal
2. Copy of the Contract Specification Section should be included in the submittal
3. All sheets must be signed & sealed by the Contractor and the Specialist Subcontractor(s)
4. Submittal reference number should be noted on the attachments



The Contractor Representative Signature

S. Srikanthan S. dny.

Date: 20/02/19

THE ENGINEER COMMENTS:

- * Remote control UNITS for the Gate Barriers system 50 Numbers shall be provided & handed over to the client.
- * Isolator for connection of all the Gate Barriers shall be Rate A ~~AS~~

THE EMPLOYER COMMENTS:

- * AC 23 WP TYPE To minw Ip- 65 Rating -
- * Final Approval subject to full system testing & commissioning

ACTION: (As Marked)

APPROVED

APPROVED AS NOTED

REVISE AND RESUBMIT

SAMPLES AND/OR ADDITIONAL DATA REQUIRED

NOT APPROVED

Reviewed By:

[Signature]
23/2/2020

For The Engineer:

For The Employer:

The Employer  مستشفى دبي للخيول DUBAI EQUINE HOSPITAL	The Engineer  LACASA Architects & Engineering Consultants	The Contractor  CHINA RAILWAY 18th BUREAU GROUP L.L.C 中国铁路 TEL: 04-458088 FAX: 04-458077 P.O. BOX: 4880 DUBAI E-mail: cr18g@bjmcrchina.com.cn
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Project: B+G+6 STOREY RESIDENTIAL BUILDING ON PLOT NO.4210615 AL WARQA FIRST, DUBAI, UAE

MATERIAL APPROVAL SUBMITTAL

Date: 20/02/2020 Reference: CRCC/515/LAC/MEP/MS/57/R01

Material Description: Structured Cabling System(As per Value Engineering)

Ventor List brand: As per Value Engineering

Model Number, Brand Or Code Of Proposed Material:
Opterna-USA Refer to the Attached Summary of Proposed Materials with Sample Board

Location Of Use : Complete Building

Specification Section: Volume 3 / Section 277400 page 1 of 42.

Manufacturer Details Opterna-USA	Supplier Details Matrix Milenium Electromechanical LLC P.O BOX NO.77143, Dubai, UAE
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1. Compliance statement should be included in the submittal
2. Copy of the Contract Specification Section should be included in the submittal
3. All sheets must be signed & sealed by the Contractor and the Specialist Subcontractor(s)
4. Submittal reference number should be noted on the attachments



The Contractor Representative Signature
S. Silakanthan Siding Date: 20/02/20

THE ENGINEER COMMENTS:
 Final Approval subject to Full system final Testing and commissioning & ETISALAT Approval and Acceptance
 Final Approval subject to Client Acceptance.

THE EMPLOYER COMMENTS:
 * Cables from the ~~main~~ Tele Room ~~TOF~~ TO each Flat ONU shall be 4-core ~~at~~ FO cables as per ETISALAT/TAWOON Requirements

ACTION: (As Marked)

APPROVED	APPROVED AS NOTED	REVISE AND RESUBMIT	SAMPLES AND/OR ADDITIONAL DATA REQUIRED	NOT APPROVED
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Reviewed By: *[Signature]* 23/2/2020

For The Engineer: For The Employer:





SAMPLE FLUKE & OTDR REPORT



Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
P15	PASS	ISO11801 Channel Class E	89 ft	5.1 dB (NEXT)	10/02/2018 11:21 AM
P14	PASS	ISO11801 Channel Class E	111 ft	7.5 dB (NEXT)	10/02/2018 11:19 AM
P33	PASS	ISO11801 Channel Class E	111 ft	7.2 dB (NEXT)	10/02/2018 11:12 AM
P19	PASS	ISO11801 Channel Class E	140 ft	7.1 dB (NEXT)	10/02/2018 11:04 AM
P20	PASS	ISO11801 Channel Class E	141 ft	5.2 dB (NEXT)	10/02/2018 11:02 AM
P30	PASS	ISO11801 Channel Class E	50 ft	5.8 dB (NEXT)	10/02/2018 10:59 AM
P21	PASS	ISO11801 Channel Class E	102 ft	3.3 dB (NEXT)	10/02/2018 10:53 AM
P22	PASS	ISO11801 Channel Class E	102 ft	4.6 dB (NEXT)	10/02/2018 10:51 AM
P13	PASS	ISO11801 Channel Class E	111 ft	4.4 dB (NEXT)	10/02/2018 10:48 AM
P40	PASS	ISO11801 Channel Class E	114 ft	7.3 dB (NEXT)	10/02/2018 10:38 AM
P28	PASS	ISO11801 Channel Class E	82 ft	5.6 dB (NEXT)	10/02/2018 10:34 AM
P27	PASS	ISO11801 Channel Class E	81 ft	2.6 dB (NEXT)	10/02/2018 10:33 AM
P44	PASS	ISO11801 Channel Class E	78 ft	5.9 dB (NEXT)	10/02/2018 10:32 AM
P43	PASS	ISO11801 Channel Class E	77 ft	5.9 dB (NEXT)	10/02/2018 10:32 AM
P39	PASS	ISO11801 Channel Class E	56 ft	3.3 dB (NEXT)	10/02/2018 10:30 AM
P38	PASS	ISO11801 Channel Class E	66 ft	6.1 dB (NEXT)	10/02/2018 10:30 AM
P37	PASS	ISO11801 Channel Class E	67 ft	5.4 dB (NEXT)	10/02/2018 10:29 AM
P36	PASS	ISO11801 Channel Class E	92 ft	5.7 dB (NEXT)	10/02/2018 10:27 AM
P35	PASS	ISO11801 Channel Class E	92 ft	5.5 dB (NEXT)	10/02/2018 10:26 AM
P42	PASS	ISO11801 Channel Class E	86 ft	7.7 dB (NEXT)	10/02/2018 10:24 AM
P41	PASS	ISO11801 Channel Class E	86 ft	4.4 dB (NEXT)	10/02/2018 10:24 AM
P25	PASS	ISO11801 Channel Class E	87 ft	1.3 dB (NEXT)	10/02/2018 10:22 AM
P26	PASS	ISO11801 Channel Class E	34 ft	5.4 dB (NEXT)	10/02/2018 10:22 AM
P46	PASS	ISO11801 Channel Class E	54 ft	2.3 dB (NEXT)	10/02/2018 10:17 AM
P24	PASS	ISO11801 Channel Class E	116 ft	7.3 dB (NEXT)	10/02/2018 10:15 AM
P23	PASS	ISO11801 Channel Class E	116 ft	7.6 dB (NEXT)	10/02/2018 10:10 AM
P12	PASS	ISO11801 Channel Class E	91 ft	5.3 dB (NEXT)	10/02/2018 10:01 AM
P11	PASS	ISO11801 Channel Class E	91 ft	5.3 dB (NEXT)	10/02/2018 10:01 AM
P10	PASS	ISO11801 Channel Class E	91 ft	5.3 dB (NEXT)	10/02/2018 10:00 AM
P4	PASS	ISO11801 Channel Class E	72 ft	5.9 dB (NEXT)	10/02/2018 09:58 AM
P9	PASS	ISO11801 Channel Class E	84 ft	5.7 dB (NEXT)	10/02/2018 09:50 AM
P8	PASS	ISO11801 Channel Class E	84 ft	5.6 dB (NEXT)	10/02/2018 09:50 AM
P7	PASS	ISO11801 Channel Class E	69 ft	7.7 dB (NEXT)	10/02/2018 09:49 AM
P6	PASS	ISO11801 Channel Class E	69 ft	6.1 dB (NEXT)	10/02/2018 09:49 AM
P5	PASS	ISO11801 Channel Class E	72 ft	5.8 dB (NEXT)	10/02/2018 09:48 AM
P3	PASS	ISO11801 Channel Class E	77 ft	2.6 dB (NEXT)	10/02/2018 09:47 AM
P2	PASS	ISO11801 Channel Class E	96 ft	4.6 dB (NEXT)	10/02/2018 09:34 AM
P1	PASS	ISO11801 Channel Class E	96 ft	7.7 dB (NEXT)	10/02/2018 09:33 AM
P17	PASS	ISO11801 Channel Class E	145 ft	4.8 dB (NEXT)	10/02/2018 11:26 AM
P16	PASS	ISO11801 Channel Class E	145 ft	5.7 dB (NEXT)	10/02/2018 11:26 AM

Total Length:	3623 ft
Number of Reports:	40
Number of Passing Reports:	40
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: P15

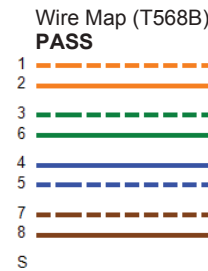
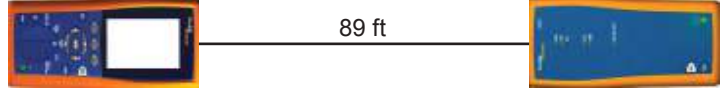
Date / Time: 10/02/2018 11:21:43 AM
Headroom 5.1 dB (NEXT 36-45)
Test Limit: ISO11801 Channel Class E
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: DHINESH
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 02/07/2018
 Remote (Tester): 02/07/2018

Test Summary: PASS

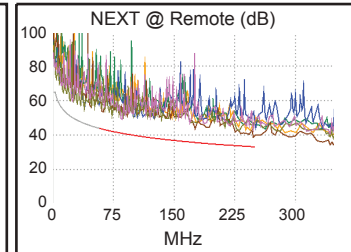
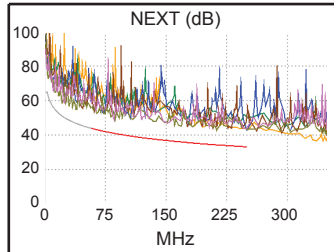
Model: DTX-1800
 Main S/N: 9512093
 Remote S/N: 9512094
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft)	[Pair 36]	89
Prop. Delay (ns), Limit 555	[Pair 78]	139
Delay Skew (ns), Limit 50	[Pair 78]	8
Resistance (ohms), Limit 25.0	[Pair 12]	4.8
Insertion Loss Margin (dB)	[Pair 78]	27.2
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9

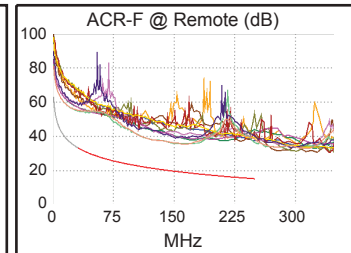
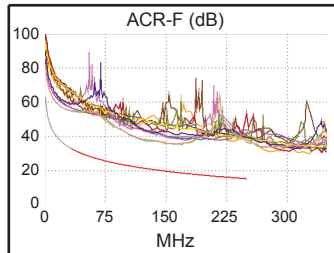


Worst Case Margin Worst Case Value

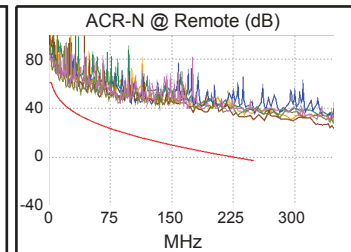
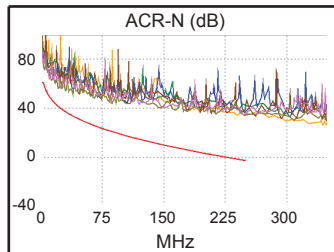
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-45	12-36	36-45
NEXT (dB)	7.8	5.1	8.9	5.1
Freq. (MHz)	85.0	248.5	239.0	248.5
Limit (dB)	41.1	33.2	33.5	33.2
Worst Pair	36	45	78	45
PS NEXT (dB)	8.4	6.4	8.6	6.4
Freq. (MHz)	208.0	248.5	248.5	248.5
Limit (dB)	31.6	30.2	30.2	30.2



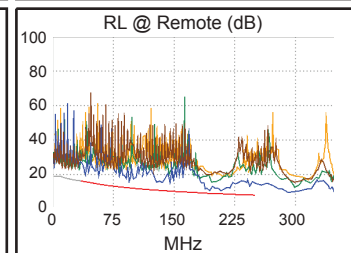
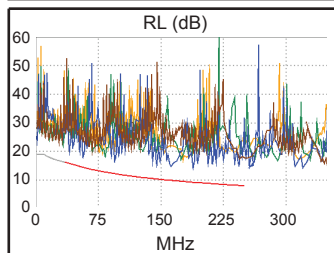
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	78-45
ACR-F (dB)	16.1	16.1	16.6	16.8
Freq. (MHz)	124.5	149.5	169.0	169.0
Limit (dB)	21.4	19.8	18.7	18.7
Worst Pair	45	45	78	45
PS ACR-F (dB)	17.4	17.3	17.7	17.3
Freq. (MHz)	149.5	156.5	164.5	169.0
Limit (dB)	16.8	16.4	15.9	15.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	36-45
ACR-N (dB)	13.0	13.2	35.7	32.5
Freq. (MHz)	4.0	4.1	239.0	248.5
Limit (dB)	58.9	58.6	-1.6	-2.7
Worst Pair	78	36	78	45
PS ACR-N (dB)	13.7	14.8	35.7	33.7
Freq. (MHz)	3.3	4.1	248.5	248.5
Limit (dB)	58.0	56.1	-5.6	-5.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	3.1	0.9	5.1	0.9
Freq. (MHz)	56.8	206.5	188.5	207.0
Limit (dB)	14.5	8.9	9.2	8.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: P14

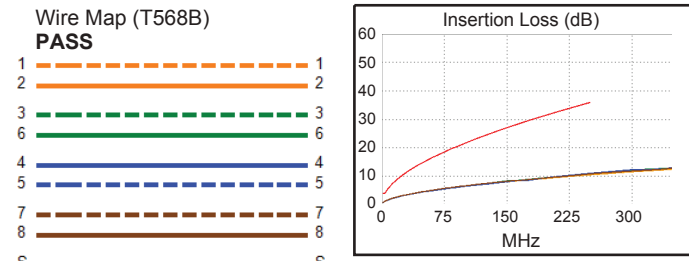
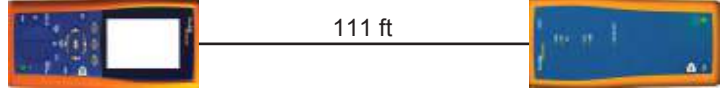
Date / Time: 10/02/2018 11:19:40 AM
Headroom 7.5 dB (NEXT 12-78)
Test Limit: ISO11801 Channel Class E
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: DHINESH
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 02/07/2018
 Remote (Tester): 02/07/2018

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9512093
 Remote S/N: 9512094
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft)	[Pair 45]	111
Prop. Delay (ns), Limit 555	[Pair 78]	174
Delay Skew (ns), Limit 50	[Pair 78]	10
Resistance (ohms), Limit 25.0	[Pair 78]	6.0
Insertion Loss Margin (dB)	[Pair 36]	24.9
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9



Worst Case Margin Worst Case Value

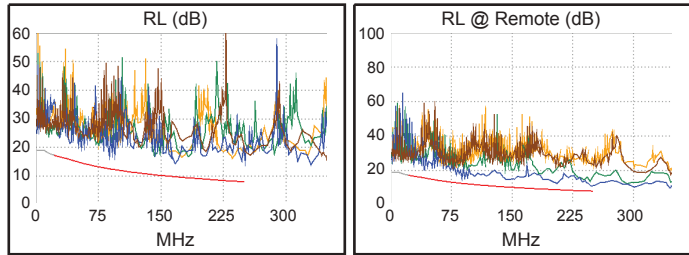
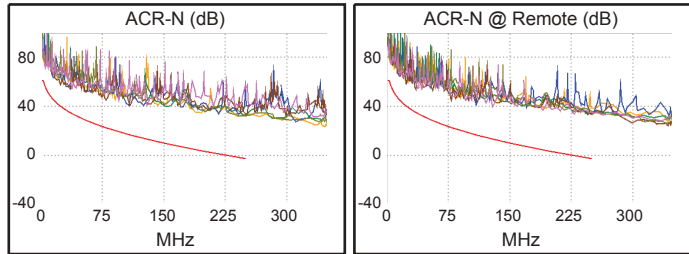
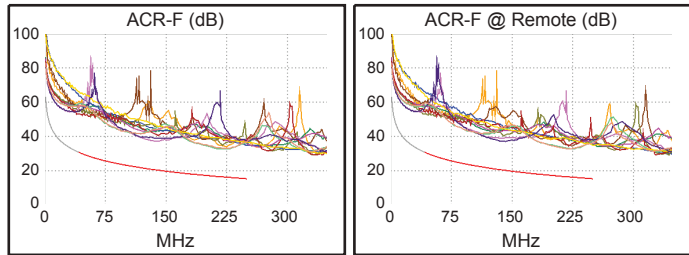
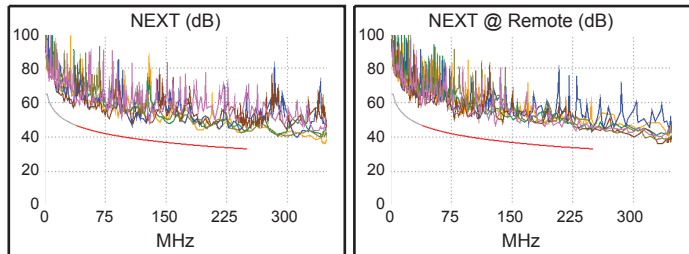
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-78	36-45
NEXT (dB)	7.5	8.3	8.7	9.7
Freq. (MHz)	108.0	108.5	244.0	249.0
Limit (dB)	39.4	39.3	33.3	33.1
Worst Pair	36	45	36	45
PS NEXT (dB)	8.3	9.5	8.3	9.5
Freq. (MHz)	244.0	249.5	244.0	249.5
Limit (dB)	30.3	30.2	30.3	30.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
ACR-F (dB)	16.0	16.2	16.1	16.2
Freq. (MHz)	211.5	221.0	217.0	221.0
Limit (dB)	16.8	16.4	16.5	16.4
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.0	17.1	17.0	17.1
Freq. (MHz)	220.0	219.5	220.0	219.5
Limit (dB)	13.4	13.4	13.4	13.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-45	36-78	36-45
ACR-N (dB)	15.2	17.4	33.6	34.7
Freq. (MHz)	5.3	3.3	244.0	249.0
Limit (dB)	56.4	60.5	-2.2	-2.7
Worst Pair	36	36	36	45
PS ACR-N (dB)	14.9	15.6	33.1	34.5
Freq. (MHz)	3.3	3.3	244.0	249.5
Limit (dB)	58.0	58.0	-5.1	-5.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	3.9	2.7	4.4	2.8
Freq. (MHz)	87.8	87.8	166.5	250.0
Limit (dB)	12.6	12.6	9.8	8.0

Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive





Cable ID: P33

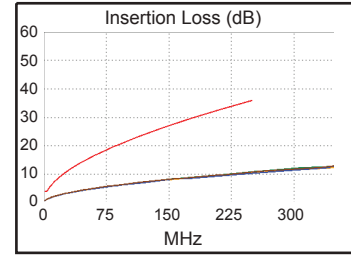
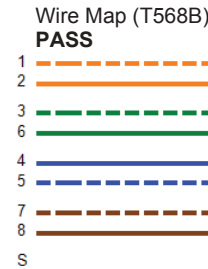
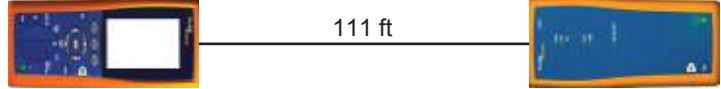
Date / Time: 10/02/2018 11:12:59 AM
Headroom 7.2 dB (NEXT 36-78)
Test Limit: ISO11801 Channel Class E
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: DHINESH
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 02/07/2018
 Remote (Tester): 02/07/2018

Test Summary: PASS

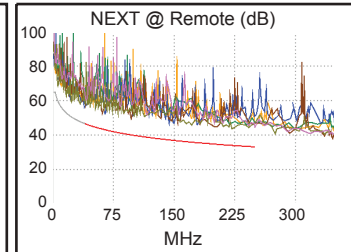
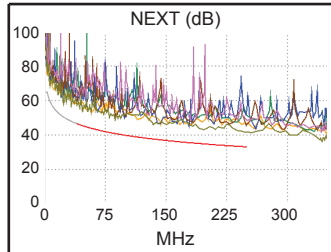
Model: DTX-1800
 Main S/N: 9512093
 Remote S/N: 9512094
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft)	[Pair 45]	111
Prop. Delay (ns), Limit 555	[Pair 78]	174
Delay Skew (ns), Limit 50	[Pair 78]	10
Resistance (ohms), Limit 25.0	[Pair 78]	6.0
Insertion Loss Margin (dB)	[Pair 78]	25.1
Frequency (MHz)	[Pair 78]	250.0
Limit (dB)	[Pair 78]	35.9

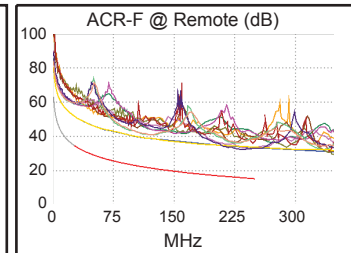
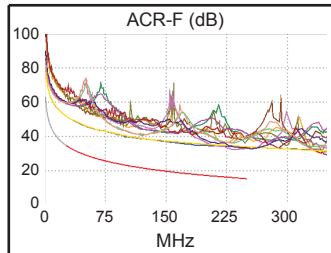


Worst Case Margin Worst Case Value

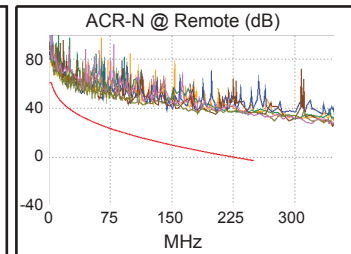
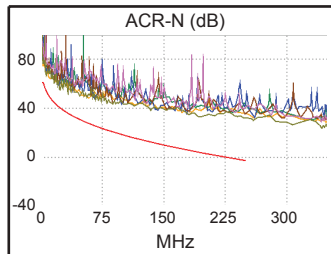
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	7.2	8.9	8.4	9.6
Freq. (MHz)	195.5	171.5	249.0	221.5
Limit (dB)	35.0	35.9	33.1	34.0
Worst Pair	36	36	36	36
PS NEXT (dB)	7.9	8.8	9.1	10.6
Freq. (MHz)	87.3	182.0	248.5	242.5
Limit (dB)	38.1	32.6	30.2	30.4



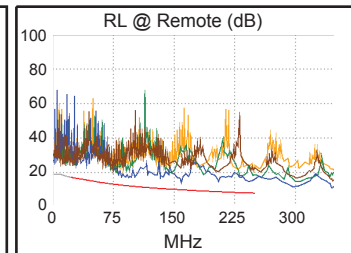
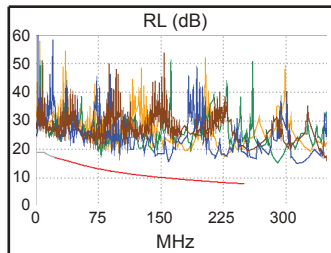
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	36-78	78-36
ACR-F (dB)	16.3	16.4	16.5	16.5
Freq. (MHz)	100.0	99.5	236.0	232.5
Limit (dB)	23.3	23.3	15.8	15.9
Worst Pair	78	78	78	78
PS ACR-F (dB)	16.0	16.8	16.0	17.0
Freq. (MHz)	233.5	229.0	233.5	236.5
Limit (dB)	12.9	13.1	12.9	12.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	12.5	12.5	33.5	35.4
Freq. (MHz)	6.3	6.4	249.0	242.0
Limit (dB)	54.7	54.5	-2.7	-1.9
Worst Pair	36	78	36	78
PS ACR-N (dB)	12.5	13.4	34.2	35.3
Freq. (MHz)	6.1	6.5	248.5	242.0
Limit (dB)	52.4	51.8	-5.6	-4.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	45	45
RL (dB)	4.9	3.8	4.9	3.8
Freq. (MHz)	78.3	159.5	159.5	159.5
Limit (dB)	13.1	10.0	10.0	10.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: P19

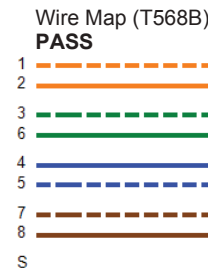
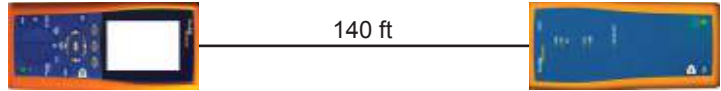
Date / Time: 10/02/2018 11:04:20 AM
Headroom 7.1 dB (NEXT 12-78)
Test Limit: ISO11801 Channel Class E
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: DHINESH
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 02/07/2018
 Remote (Tester): 02/07/2018

Test Summary: PASS

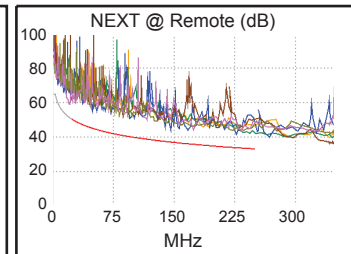
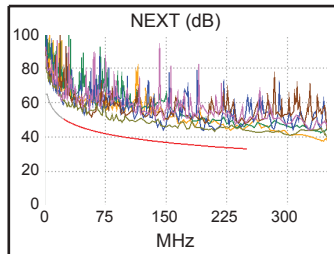
Model: DTX-1800
 Main S/N: 9512093
 Remote S/N: 9512094
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft)	[Pair 45]	140
Prop. Delay (ns), Limit 555	[Pair 78]	220
Delay Skew (ns), Limit 50	[Pair 78]	13
Resistance (ohms), Limit 25.0	[Pair 12]	7.3
Insertion Loss Margin (dB)	[Pair 36]	21.0
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

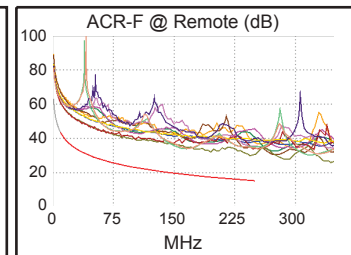
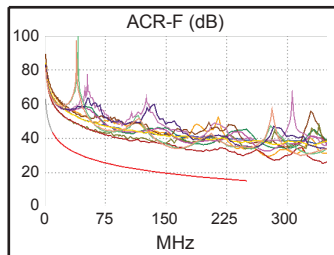


Worst Case Margin Worst Case Value

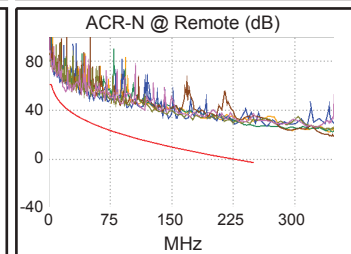
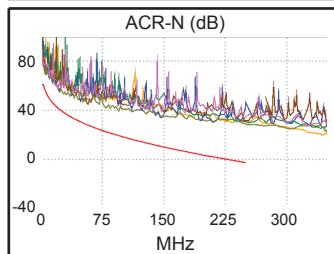
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	7.2	7.1	8.9	7.1
Freq. (MHz)	146.0	146.0	209.5	228.0
Limit (dB)	37.1	37.1	34.4	33.8
Worst Pair	78	12	78	12
PS NEXT (dB)	7.5	7.7	8.5	7.7
Freq. (MHz)	146.5	228.0	210.0	228.0
Limit (dB)	34.2	30.9	31.5	30.9



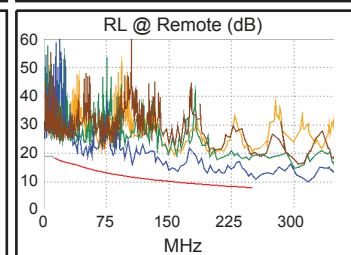
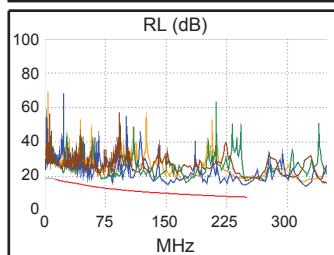
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	14.4	14.4	14.5	14.4
Freq. (MHz)	194.5	194.5	246.0	246.0
Limit (dB)	17.5	17.5	15.4	15.4
Worst Pair	36	45	36	45
PS ACR-F (dB)	15.2	14.8	15.2	16.1
Freq. (MHz)	245.5	166.5	245.5	246.0
Limit (dB)	12.5	15.8	12.5	12.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	45-78	36-78	12-45
ACR-N (dB)	13.4	13.0	31.7	29.6
Freq. (MHz)	4.5	20.5	250.0	249.5
Limit (dB)	57.8	42.0	-2.8	-2.8
Worst Pair	78	78	36	12
PS ACR-N (dB)	13.9	14.5	31.1	28.3
Freq. (MHz)	4.5	4.1	248.5	228.0
Limit (dB)	55.3	56.1	-5.6	-3.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	3.5	3.1	6.3	3.7
Freq. (MHz)	83.8	152.5	246.5	246.0
Limit (dB)	12.8	10.2	8.1	8.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: P20

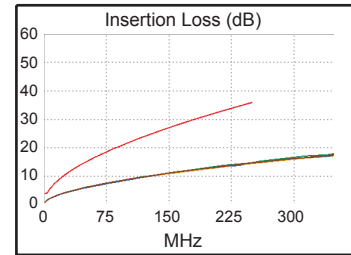
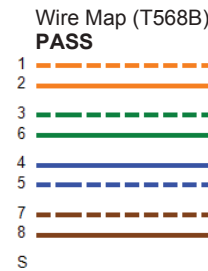
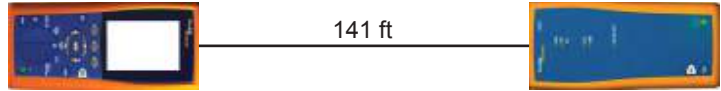
Date / Time: 10/02/2018 11:02:35 AM
Headroom 5.2 dB (NEXT 36-78)
Test Limit: ISO11801 Channel Class E
 Cable Type: Cat 6 U/UTP
 NVP: 69.0%

Operator: DHINESH
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 02/07/2018
 Remote (Tester): 02/07/2018

Test Summary: PASS

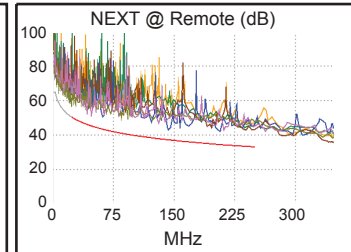
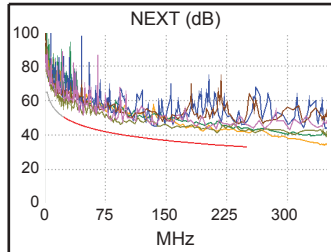
Model: DTX-1800
 Main S/N: 9512093
 Remote S/N: 9512094
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft)	[Pair 45]	141
Prop. Delay (ns), Limit 555	[Pair 78]	221
Delay Skew (ns), Limit 50	[Pair 78]	13
Resistance (ohms), Limit 25.0	[Pair 36]	7.3
Insertion Loss Margin (dB)	[Pair 36]	21.1
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

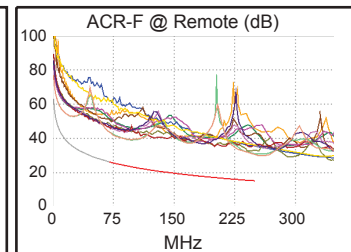
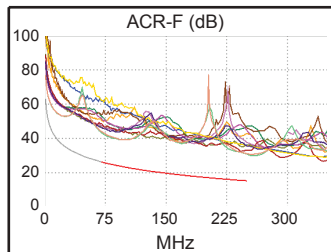


Worst Case Margin Worst Case Value

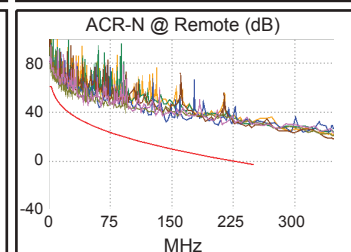
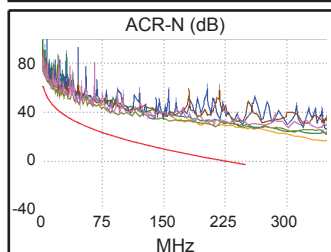
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-78	36-78	36-45
NEXT (dB)	5.2	5.7	7.1	8.9
Freq. (MHz)	92.8	143.0	213.0	248.0
Limit (dB)	40.5	37.3	34.3	33.2
Worst Pair	78	78	36	45
PS NEXT (dB)	6.4	7.4	8.1	8.6
Freq. (MHz)	139.0	63.8	247.0	248.0
Limit (dB)	34.6	40.4	30.2	30.2



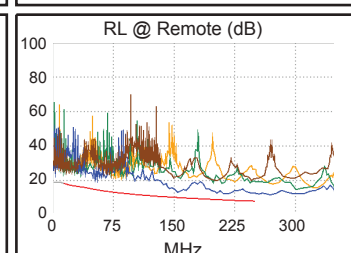
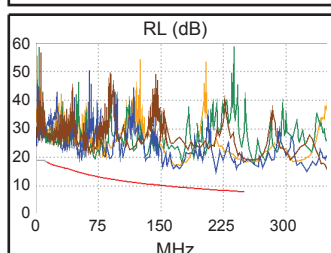
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	78-45
ACR-F (dB)	13.6	13.7	15.5	15.5
Freq. (MHz)	3.6	2.6	250.0	249.5
Limit (dB)	52.1	54.9	15.3	15.3
Worst Pair	45	45	78	45
PS ACR-F (dB)	15.5	15.4	16.6	16.4
Freq. (MHz)	3.3	3.8	250.0	250.0
Limit (dB)	50.0	48.8	12.3	12.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-36	36-45
ACR-N (dB)	11.2	10.8	29.5	30.0
Freq. (MHz)	5.0	5.0	247.5	248.0
Limit (dB)	56.8	56.8	-2.5	-2.6
Worst Pair	78	36	36	45
PS ACR-N (dB)	11.7	12.6	29.1	29.7
Freq. (MHz)	4.5	4.9	247.0	248.0
Limit (dB)	55.3	54.5	-5.4	-5.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	4.6	2.5	6.3	2.5
Freq. (MHz)	52.5	216.0	216.0	216.0
Limit (dB)	14.8	8.7	8.7	8.7



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive



Cable ID: CCTV Room 1

Date / Time: 12/29/2018 11:37:04 AM
Cable Type: OS2 Singlemode

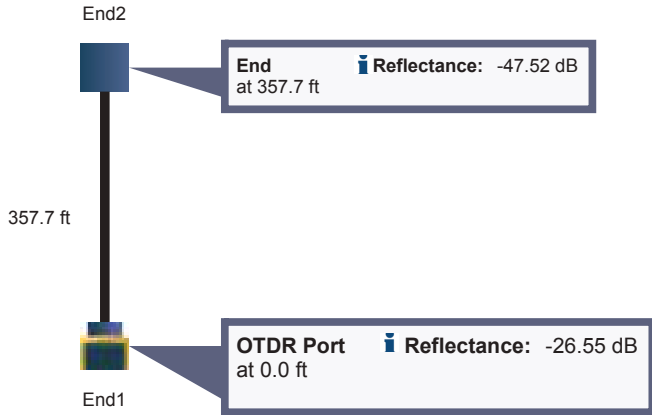
n = 1.467000 (1310 nm)
n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

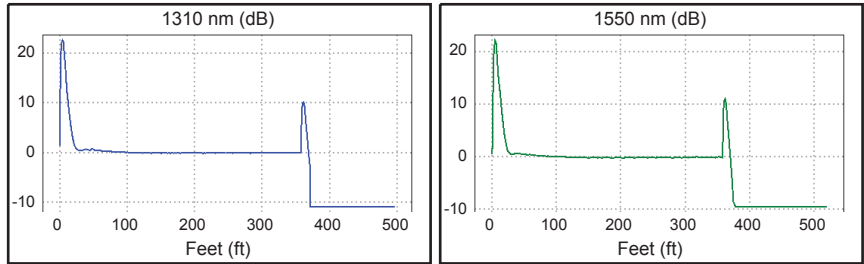
OTDR End1 EventMap

Fiber Length: 357.7 ft
Overall Loss: 0.17 dB



OTDR End1 PASS

Test Limit: ISO/IEC 11801-2002 OF-500 CH **Auto OTDR** 1310 nm 1550 nm
Limits Version: 7.0 Range (Auto) 497 ft 522 ft
Date / Time: 12/29/2018 11:37:04 AM Resolution (Auto) 0.1 ft 0.9 ft
Operator: DHINESH Pulse Width (Auto) 10 ns 10 ns
Tester: OptiFiber Pro (2441576 V6.0 Build 6) Averaging Time (Auto) 9 s 10 s
Module: OFP-QUAD (2134605) Loss Threshold (Auto) 0.10 dB 0.10 dB
Calibration Date: 12/28/2017 End Threshold (Auto) 0.00 dB 0.00 dB
No Launch Compensation



Measurements	Status	1310 nm		1550 nm	
		Value	Limit	Value	Limit
Overall Length (ft)	PASS	357.7	1640		
Overall Loss (dB)	PASS	0.12	2.00	0.17	2.00
ORL (dB)		24.49		27.50	
Events					
357.7 ft End					
Reflectance (dB)		-47.52		-47.71	
Attn Coeff (dB/km)		1.06		1.55	
0.0 ft OTDR Port					
Reflectance (dB)		-26.55		-29.70	



Cable ID: CCTV Room 2

Date / Time: 12/29/2018 11:42:50 AM
Cable Type: OS2 Singlemode

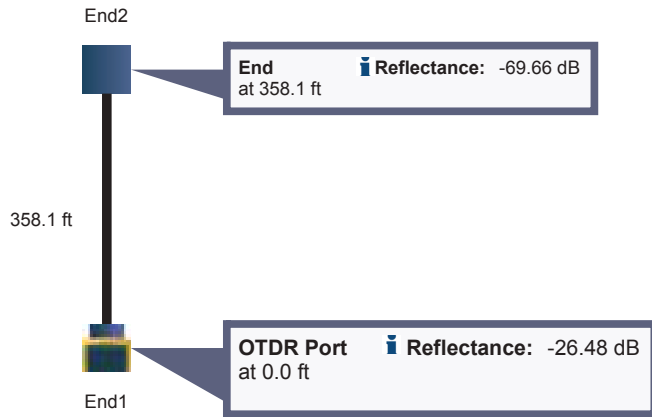
n = 1.467000 (1310 nm)
n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

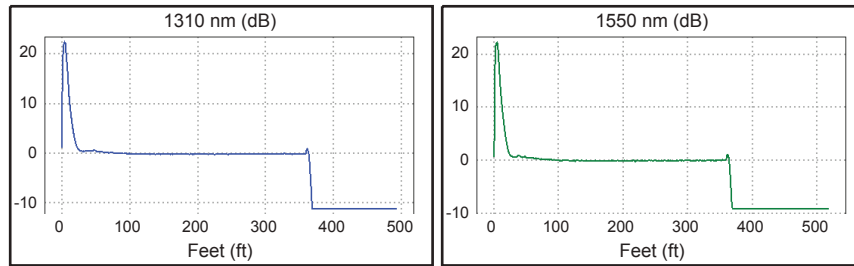
OTDR End1 EventMap

Fiber Length: 358.1 ft
Overall Loss: 0.22 dB



OTDR End1 PASS

Test Limit: ISO/IEC 11801-2002 OF-500 CH	Auto OTDR	1310 nm	1550 nm
Limits Version: 7.0	Range (Auto)	494 ft	519 ft
Date / Time: 12/29/2018 11:42:50 AM	Resolution (Auto)	0.1 ft	0.1 ft
Operator: DHINESH	Pulse Width (Auto)	10 ns	10 ns
Tester: OptiFiber Pro (2441576 V6.0 Build 6)	Averaging Time (Auto)	9 s	9 s
Module: OFP-QUAD (2134605)	Loss Threshold (Auto)	0.10 dB	0.10 dB
Calibration Date: 12/28/2017	End Threshold (Auto)	0.00 dB	0.00 dB
No Launch Compensation			



Measurements	Status	1310 nm		1550 nm	
		Value	Limit	Value	Limit
Overall Length (ft)	PASS	358.1	1640	0.13	2.00
Overall Loss (dB)	PASS	0.22	2.00	27.19	2.00
ORL (dB)		24.49			
Events					
358.1 ft End					
Reflectance (dB)		-69.66		-71.26	
Attn Coeff (dB/km)		2.00		1.15	
0.0 ft OTDR Port					
Reflectance (dB)		-26.48		-29.48	



Cable ID: Imam Blk 1

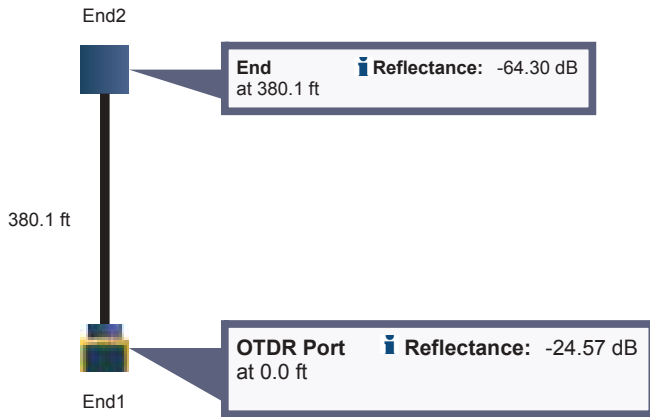
Date / Time: 12/29/2018 11:06:19 AM n = 1.467000 (1310 nm)
Cable Type: OS2 Singlemode n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

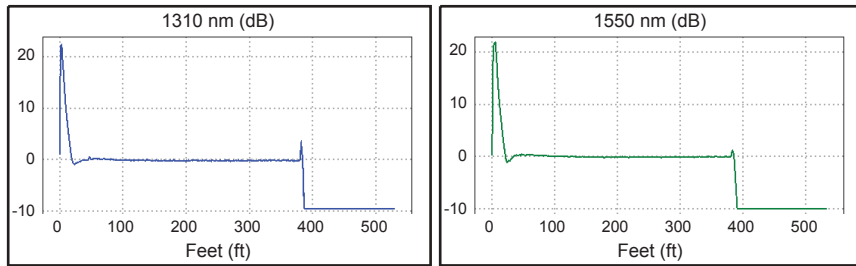
OTDR End1 EventMap

Fiber Length: 380.1 ft
Overall Loss: 0.23 dB



OTDR End1 PASS

Test Limit: ISO/IEC 11801-2002 OF-500 CH **Auto OTDR** 1310 nm 1550 nm
Limits Version: 7.0 Range (Auto) 531 ft 534 ft
Date / Time: 12/29/2018 11:06:19 AM Resolution (Auto) 0.2 ft 0.1 ft
Operator: DHINESH Pulse Width (Auto) 3 ns 10 ns
Tester: OptiFiber Pro (2441576 V6.0 Build 6) Averaging Time (Auto) 9 s 9 s
Module: OFP-QUAD (2134605) Loss Threshold (Auto) 0.10 dB 0.10 dB
Calibration Date: 12/28/2017 End Threshold (Auto) 0.00 dB 0.00 dB
No Launch Compensation



Measurements	Status	1310 nm		1550 nm	
		Value	Limit	Value	Limit
Overall Length (ft)	PASS	380.1	1640		
Overall Loss (dB)	PASS	0.23	2.00	0.10	2.00
ORL (dB)		25.10		26.85	
Events					
380.1 ft End					
Reflectance (dB)		-64.30		-71.11	
Attn Coeff (dB/km)		2.00		0.90	
0.0 ft OTDR Port					
Reflectance (dB)		-24.57		-29.40	



Cable ID: Imam blk 2

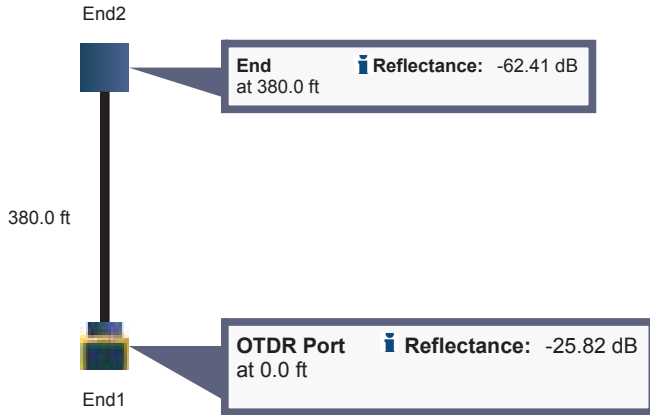
Date / Time: 12/29/2018 11:03:06 AM n = 1.467000 (1310 nm)
Cable Type: OS2 Singlemode n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

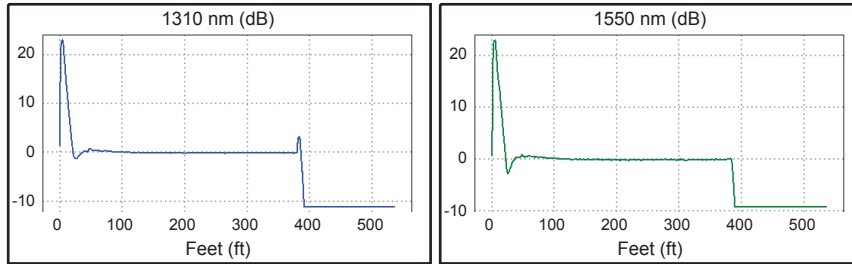
OTDR End1 EventMap

Fiber Length: 380.0 ft
Overall Loss: 0.23 dB



OTDR End1 PASS

Test Limit: ISO/IEC 11801-2002 OF-500 CH **Auto OTDR** 1310 nm 1550 nm
Limits Version: 7.0 Range (Auto) 537 ft 537 ft
Date / Time: 12/29/2018 11:03:06 AM Resolution (Auto) 0.1 ft 0.1 ft
Operator: DHINESH Pulse Width (Auto) 10 ns 10 ns
Tester: OptiFiber Pro (2441576 V6.0 Build 6) Averaging Time (Auto) 9 s 9 s
Module: OFP-QUAD (2134605) Loss Threshold (Auto) 0.10 dB 0.10 dB
Calibration Date: 12/28/2017 End Threshold (Auto) 0.00 dB 0.00 dB
No Launch Compensation



Measurements	Status	1310 nm		1550 nm	
		Value	Limit	Value	Limit
Overall Length (ft)	PASS	380.0	1640		
Overall Loss (dB)	PASS	0.14	2.00	0.23	2.00
ORL (dB)		23.26		25.23	
Events					
380.0 ft End					
Reflectance (dB)		-62.41		< -79.26	
Attn Coeff (dB/km)		1.19		2.00	
0.0 ft OTDR Port					
Reflectance (dB)		-25.82		-28.46	
-WARNING: OTDR Port Connection Quality: Poor					



Cable ID: Moazen Blk 1

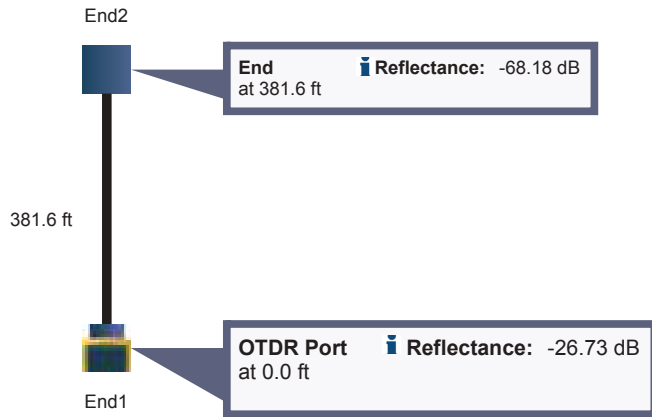
Date / Time: 12/29/2018 11:19:45 AM n = 1.467000 (1310 nm)
Cable Type: OS2 Singlemode n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

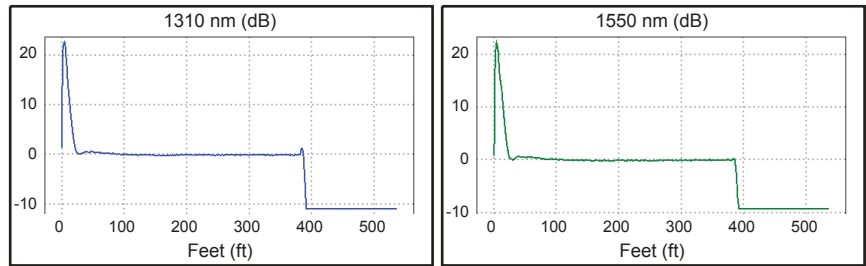
OTDR End1 EventMap

Fiber Length: 381.6 ft
Overall Loss: 0.22 dB



OTDR End1 PASS

Test Limit: ISO/IEC 11801-2002 OF-500 CH **Auto OTDR** 1310 nm 1550 nm
Limits Version: 7.0 Range (Auto) 537 ft 537 ft
Date / Time: 12/29/2018 11:19:45 AM Resolution (Auto) 0.1 ft 0.4 ft
Operator: DHINESH Pulse Width (Auto) 10 ns 10 ns
Tester: OptiFiber Pro (2441576 V6.0 Build 6) Averaging Time (Auto) 9 s 10 s
Module: OFP-QUAD (2134605) Loss Threshold (Auto) 0.10 dB 0.10 dB
Calibration Date: 12/28/2017 End Threshold (Auto) 0.00 dB 0.00 dB
No Launch Compensation



Measurements	Status	1310 nm		1550 nm	
		Value	Limit	Value	Limit
Overall Length (ft)	PASS	381.6	1640	0.16	2.00
Overall Loss (dB)	PASS	0.22	2.00	27.37	2.00
ORL (dB)		24.52			
Events					
381.6 ft End					
Reflectance (dB)		-68.18		-75.98	
Attn Coeff (dB/km)		1.91		1.33	
0.0 ft OTDR Port					
Reflectance (dB)		-26.73		-29.70	



Cable ID: Moazen Blk 1

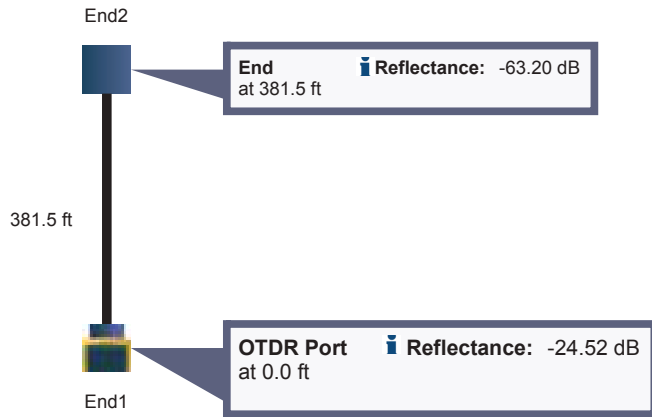
Date / Time: 12/29/2018 11:19:16 AM n = 1.467000 (1310 nm)
Cable Type: OS2 Singlemode n = 1.468000 (1550 nm)

Test Summary: PASS

Backscatter Coefficient: -79.5dB (1310 nm)
Backscatter Coefficient: -82.0dB (1550 nm)

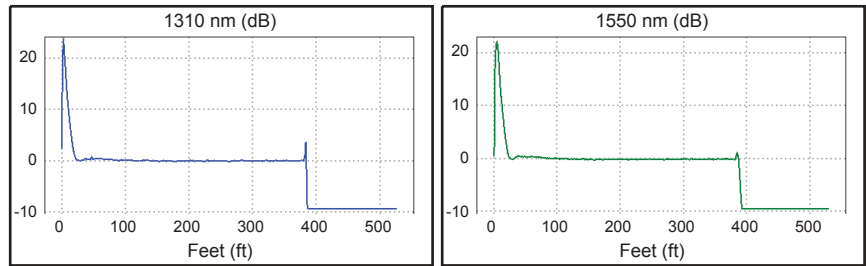
OTDR End1 EventMap

Fiber Length: 381.5 ft
Overall Loss: 0.18 dB



OTDR End1 PASS

Test Limit: ISO/IEC 11801-2002 OF-500 CH	Auto OTDR	1310 nm	1550 nm
Limits Version: 7.0	Range (Auto)	528 ft	531 ft
Date / Time: 12/29/2018 11:19:16 AM	Resolution (Auto)	0.4 ft	0.2 ft
Operator: DHINESH	Pulse Width (Auto)	3 ns	10 ns
Tester: OptiFiber Pro (2441576 V6.0 Build 6)	Averaging Time (Auto)	10 s	9 s
Module: OFP-QUAD (2134605)	Loss Threshold (Auto)	0.10 dB	0.10 dB
Calibration Date: 12/28/2017	End Threshold (Auto)	0.00 dB	0.00 dB
No Launch Compensation			



Measurements	Status	1310 nm		1550 nm	
		Value	Limit	Value	Limit
Overall Length (ft)	PASS	381.5	1640		
Overall Loss (dB)	PASS	0.08	2.00	0.18	2.00
ORL (dB)		25.31		27.42	
Events					
381.5 ft End					
Reflectance (dB)		-63.20		-71.21	
Attn Coeff (dB/km)		0.72		1.55	
0.0 ft OTDR Port					
Reflectance (dB)		-24.52		-29.58	