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Under Ground Services Sure, We Can Do It.



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01 About Us

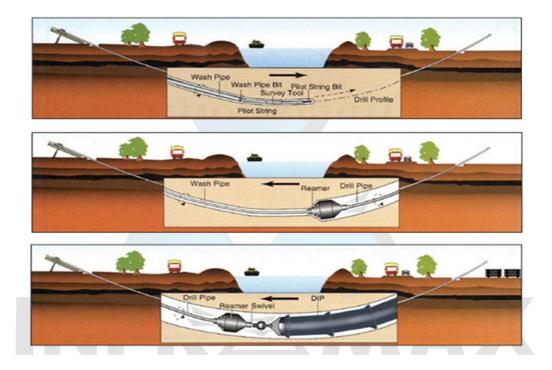
1.01 OVERVIEW

INFRAMAX General Contracting are dealing with "HORIZONTAL DIRECTIONAL DRILLING" by latest and modern technologies, capable to work on hard rocks, sand areas and under water. Innovative processes for laying out pipes such as HDPE and Carbon Steel with well qualified personnel who can assist in finding solution in any type of boring works with the most suitable Horizontal Drilling Machine along with a number in many advantages like trenchless, ecological, economical, safe, and fast way of boring results.

BORING PATH

The bore path entry pit to exit pit must be planned before the boring begins. It can be marked on the ground with chalk dust or written in paper for operator references. For complicated bores it must consult to engineer, have job site surveyed and bore path calculated. Be sure engineer knows the minimum entry pit bend limits of drill pipes and pullback material, pipe lengths and location of all underground utilities. for less complicated path, bore will be limited in four measurements: *recommended bend limits, entry pit,* *minimum set back and minimum depth.* Recommended bore limits must be considered during bore entry.

**DIRECTIONAL BORING PROCESS



Recommended Bend Limit:

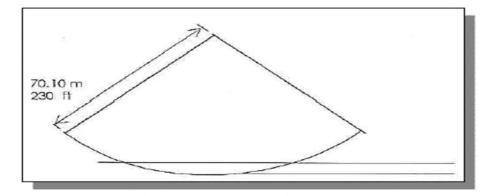
Though Drilling pipes are designed to bend, bending beyond recommended limits will cause damage that might not be seen. This damage adds up and can lead to sudden pipe failure.

UFE 10,000T: These pipes have a tested bend radius of 230 ft (70.1m), measuring a 90-degree bend, whether during entry and exit or when turning, required 230 ft (70.1m) or forward distance and approximately 354 (54m) of pipe.

Use APPENDIX, sections A and B, to keep bends within safe limits and make sure pitch changes no more than 8% per UFE pipe.

Notice:

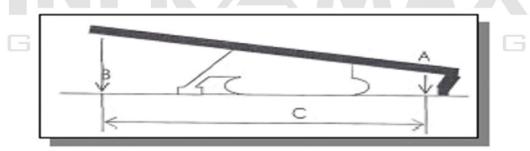
Bending pipe more sharply than recommended will damage pipe and cause failure over time.



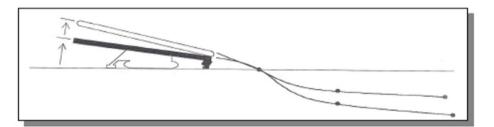
Entry Pitch is boring unit slope compared to slope of ground. Entry Pitch can be determined two:

1. Lay pitch beacon on ground and read pitch. Lay pitch beacon on beacon on boring unit and read pitch. Subtract ground pitch from boring unit pitch.

2. Measure from ground to front end of frame (A). Measure from ground to back end of frame (B). Subtract front measurement from back measurement to get rise. Measure distance between front and back point to be turn (C). Divide rise by run and multiply 100 to get pitch.



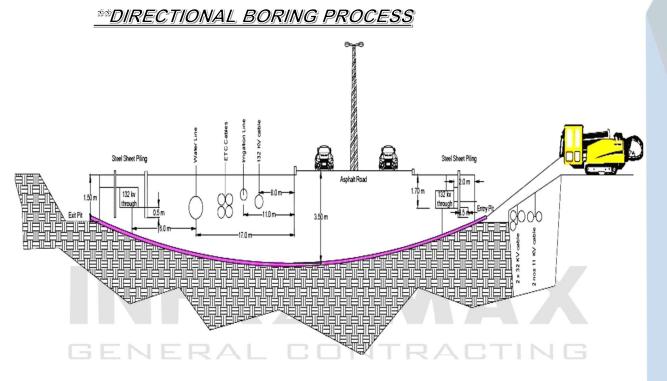
A Shallow entry pitch allows you to reach horizontal sooner and with less bending. Increasing entry pitch makes bore path longer and deeper.



Minimum Depth

Because pipe must be bent gradually, entry pitch and bend limits determine how deep the pipe will be when reaches horizontal. Use the chart in APPENDIX, section B, to determine minimum depth for your job.

To reduce depth, reduce entry pitch. To increase depth, increase entry pitch and set-back.



INFRAMAX is one of the pioneers of Horizontal Directional Drilling (HDD) in the U.A.E.

As techniques and working methods have improved, the Horizontal Directional Drilling operation has become a major contribution to the **Non-Disruptive Road Crossing** (NDRC) division.

The process generally includes five distinct phases are as follows:

- 1. Planning, Preliminary survey.
- 2. Selecting the drilling units and drilling tools.

3. Drilling a small pilot bore hole, using technology that allows the drill to be steered and tracked from the surface. *4.* Enlarging the hole by pulling back increasingly large reamers. (Back reaming or upsizing bore)

5. Pulling in the pipe.

A well-planned HDD Operation includes preliminary survey of the bore path area, concerning other existing lines and the soil condition. Locating all existing services and plotting them on a drawing, then plan the best drilling path and include on the latest drawing to avoid all affected existing services.

The Choice of the drilling unit depends upon the bore length, the diameter of the pipe to be installed and the soil quality. It is important to choose the correct Drilling unit and tools for suitable bore length, and conditions. Site operation starts with drilling of the pilot hole from the surface on one side of the obstacle to be crossed. Continuous drilling.

Along a designed profile below and beyond the obstacle, and to exit at the surface on the other side drilling pilot bore hole. The pilot bore is launched from the surface at an angle between 5 and 15 degrees to the horizontal, and transitions to horizontal as the required depth was reached. A bore path of very gradual curvature or near straight alignment is normally followed to minimize friction and to stay within the allowable joint defection and the allowable bend radius for the pipe. This minimizes the chance of getting the pipe string "hung up" in the soil or damaging the pipe string.

1.02 CHAIRMAN'S MESSAGE

We are group of companies and we have been in business over fifteen years and we started it based on honesty and integrity. Our vision for the next five years is to expand our contracting services to other countries. We are ISO carried and we are approved by deferent entities and Municipalities. As I always tell the people around me, trust is the most important element for a successful company. Leaders nowadays can no longer trust in power; instead, they should rely on the power of trust.

II BY BUILDING TRUST, I KNOW THAT WE CAN MOVE CLOSER TO REALIZING OUR II VISION.

1.03 HEAD DIVISION'S MESSAGE

The use of the latest technology with skilled hands in a short time leads to the completion of the work in a wonderful method without compromising the quality and general safety of the work crew and the assigned job, all of which constitute our work priorities. INFRAMAX always seeks to train and develop the work team to use the latest devices and equipment, which led to the team acquiring planning and execution capabilities with high accuracy to implement the largest number of projects with the reliability of all customers, and this is what made us pioneers in the field of NDRC.

1.04 VALUES

GENERA

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Safety comes first; the safety of our employees, owners, and the general public is our primary concern. Safety coincides with quality and is an integral part of our business. We are conscientious in our actions and provide a safe workplace.

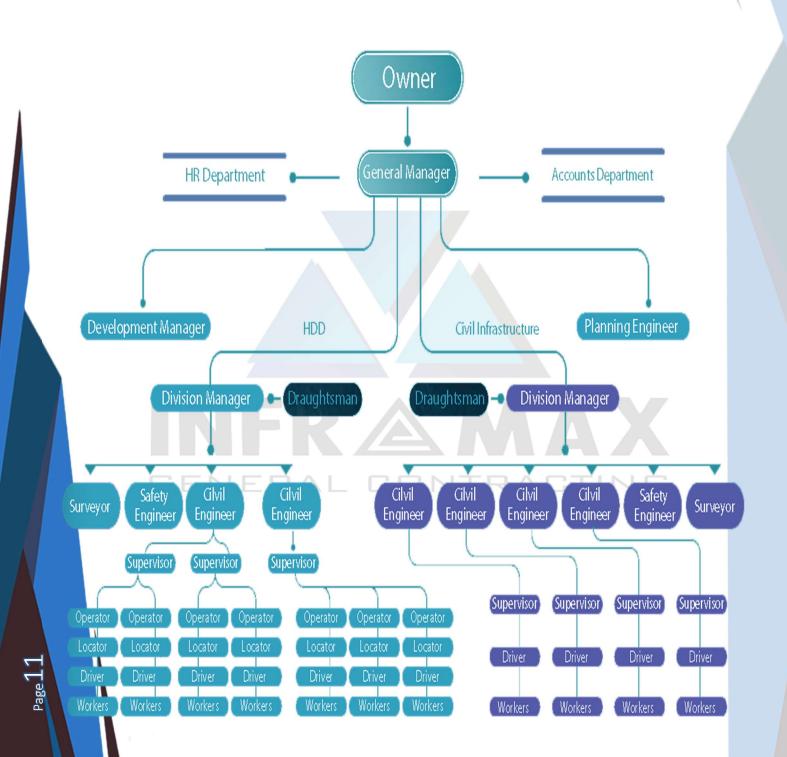


We recognize our primary asset is people. To be successful, Fast boring must be a rewarding place to work. We provide opportunity and encouragement to help our people reach their potential. We work with our clients and our suppliers as a team.



We are keen to offer the highest standards of service, quality, and personal attention to clients. We constantly challenge ourselves to be the best.

1.05 ORGANIZATION CHART



02 Services

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2.01 HORIZONTAL DIRECTIONAL DRILLING (HDD)

- Installation & Repair of Oil & Gas Pipelines.
- Installation & Repair of Water Pipelines.
- Installation & Repair of Sewerage Pipelines.
- Installation & Repair of Electric Services Pipelines.
- > Installation & Repair of Telecommunication Pipelines.



INFRAMAX General Contracting are dealing with "HORIZONTAL DIRECTIONAL DRILLING" by latest and modern technologies, capable to work on hard rocks, sand areas and under water. HDD is a steerable trenchless method of installing underground pipe, conduit, or cable in a shallow arc along a prescribed bore pass by using a drilling rig, with a minimal impact on surrounding area.

PRE-HDD SERVICES



WHY HDD TECHNIQUE

- Underground installation of utilities with a minimum surface disruption.
- ✓ Cost lower with greater installation depth.
- Deeper installation which leads to less chance of damaging existing underground utilities
- ✓ Less equipment and manpower which lead to lower cost.
- ✓ Durability and flexibility



2.02 - OTHER SERVICES

Page 14

INFRAMAX General Contracting has completed many projects within the telecommunications industry, Gas pipeline installation, and water pipe installation.



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HIGH ACCURACY,

QUALITY & SAFETY.

2.03 - WHY (HDPE) PIPE

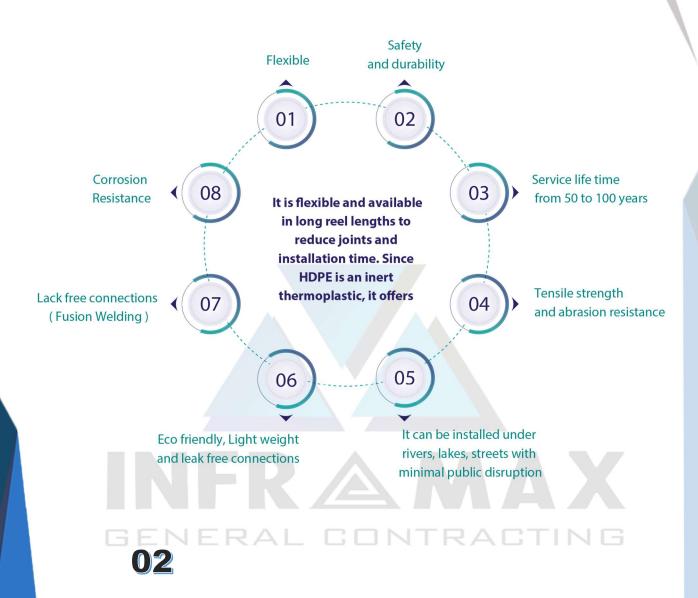
HDPE

GENE

(High Density Polyethylene) pipe is especially suited to installation by HDD.

"

J G



Performance

3.01 - PROJECT MANAGEMENT

A well-illustrated project plan is a critical and key first step when beginning any project to illustrate the key objectives to be achieved and those objectives (Close 3.08), we provide the highest standards projects by utilizing our experienced project managers to laying out a project timeline displayed as milestones and tasks on a timeline.



<u>3.02 - QUALITY</u>

Page L

INFRAMAX General Contracting is a leading provider of contracting services and construction management. The management is committed to operate every aspect of the business within standards that offer the highest possible quality of service. With professionalism and transparency, we aim to satisfy our clients and build long-term relationships based on loyalty and trust. We thoroughly search to team up with competent employees and qualified experts to meet the Quality Management System requirements stated in Standard ISO CERTIFIED (ISO 9001: 2015), (ISO 14001: 2015), (OHSAS 18001: 2007). We are dedicated to continuously train our teams and appraise their performance to work out potential opportunities and reinforce technical proficiency.

<u>3.03 - SAFETY</u>

Safety is among our core values. Safety always comes first; we are committed to:

- Conducting our business with respect and care for people and the environment.
- ✓ Utilizing natural resources responsibly.
- Continually improving our safety, health, and environmental performance.
- Complying with all applicable legal and other agreed requirements.
- Promoting dialogue with stakeholders about safety, health, and environmental performance.

Our Occupational Health & Safety Manual is intended to protect the organization's employees, subcontractors, owners, and the general public from any work-related accidents, and its properties from any loss or damage as well as protect the environment in compliance with customer requirements and related laws and regulations.

GENERAL CONTRACTING

3.04- List of INFRAMAX Projects:



Project: Abu Dhabi Total Distance: 193 mtr Brief: Supply & Installation of HDPE Pipes 110mm x 4-Way by HDD, (Unmade Area).

METRO CONTRACTING

AL SHAFAR GENERAL



CONTRACTING SASGC Project: Abu Dhabi Total Distance: 293 mtr Brief: Supply & Installation of HDPE Pipes 315mm x 1-Way by HDD, (Water Channel Crossing).



MERIT MARINE CONTRACTING Project: Kalaba, Fujairah RACTING Total Distance: 243 mtr

Brief: Supply & Installation of HDPE Pipes 110mm x 4-Way by HDD, (Water Channel Crossing).



NETS INTERNATIONAL

Project: Western Region Total Distance: 171 mtr Brief: Supply & Installation of HDPE Pipes 110mm x 4-Way by HDD (Unmade Area).



UTMDST COMPANY Project: Different Projects Total Distance: 93 mtr Brief: Supply & Installation of HDPE Pipes 110mm x 1, 2 & 4-Way by HDD.



AL SHIRAWI INFRASTRUCTURE CONSTRUCTION Project: Different Projects AUH & Al Ain. Total Distance: 63 mtr Brief: Supply & Installation of HDPE Pipes 225mm x 2 & 4-Way by HDD.



NEXCON DEVELOPMENT & CONSTRUCTION Project: Zayed Military City, Abu Dhabi Total Distance: 122 mtr Brief: Supply & Installation of HDPE Pipes 110mm x 1Way by HDD.

GENERAL CONTRACTING



TOP LINK CONTRACTING & GENERAL TRANSPORT Project: C1 & Airport Road RAK Total Distance: 192 mtr Brief: Supply & Installation of HDPE Pipes 225mm x 1, 2 & 4-Way by HDD (Unmad area).

3.05- List of INFRAMAX Drilling Machines:

	NDRC-HDD Machinery List												
Sr	Machine Type	Brand	Туре	Plate No.	Model								
1	HDD Machine	Vermeer	130 x 150	12520343	2019								
2	HDD Machine	Vermeer	36 x 50	P 63584	2014								
3	HDD Machine	Vermeer	36 x 50	11660595	2014								
4	HDD Machine	Vermeer	36 x 50	250005140	2014								
5	HDD Machine	Vermeer	36 x 50	11660595	2014								

3.06- List of INFRAMAX Vehicles:

	List of INFRAMAX Vehicles											
Sr	Vehicle Type	Brand	Туре	Model								
1	Excavator	Caterpillar	320D	2019								
2	Lowbed Head Unit	Volvo	FH12	2003								
3	Water Tanker	Mercedes	2544	1995								
4	Water Tanker	Mercedes	2538	1995								
5	3 Ton Pickup with Crane	Mitsubishi	Caner	2017								
6	3 Ton Pickup	Hilux	1ton	2012								
7	1 Ton Pickup	Hilux	1ton	2017								
8	1 Ton Pickup	Hilux	1ton	2017								
9	1 Ton Pickup	Hilux	1ton	2017								

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3.07- List of INFRAMAX Equipment & Tools:

	List Of INFRAMAX Equipment & Tools										
Sr	Description	QTY	Remarks								
1	GPS	1									
2	TOTAL STATION	1									
3	PUSH ROD CABLE REEL	3									
4	WELDING MACHINE	6									
5	HDD LOCATOR	6									
6	SERVICES DEDECTOR	1									
7	GENERATOR 6KV	3									
8	GENERATOR 10KV	2									
9	PLATE COMPACTOR	1									
10	HAND CRAIN	1									

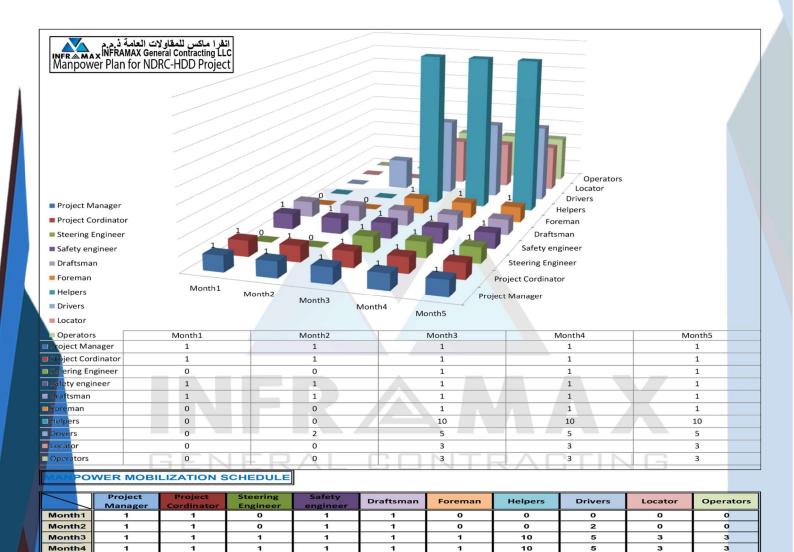
GENERAL CONTRACTING

3.08- Timeline plan for NDRC-HDD Project:

IN	عامة ذ.م.م FRAMAX INFRAMAX	ولات ال Genera	س للمقا Contrac	ائفرا ماک ting LLC			N	DF	RC	W	or	ks	s T	im	eli	ne	C	ha	art	2				Lc	oc	at	ic	n:	Α	٨b	u	D	ha	ab	oi		7
						Jan	uary-	2023				E	abrua	iry-202	3						М	arch	2023								Apr	ril-203	23				May
Sr.	Description	Period DYS	Start Date	End Date	15-Jan-23	18-Jan-23	21-Jan-23 24-Jan-23	27-Jan-23	30-Jan-23	2-Feb-23	5-Feb-23	8-Feb-23	11-Feb-23	17-Feb-23	20-Feb-23	23-Feb-23	26-Feb-23	1-Mar-23	4-Mar-23	7-Mar-23	10-Mar-23	16-Mar-23	19-Mar-23	22-Mar-23	25-Mar-23	28-Mar-23	31-Mar-23	3-Apr-23	6-Apr-23	9-Apr-23	15-Apr-23	18-Apr-23	21-Apr-23	24-Apr-23	27-Apr-23	30-Apr-23	3-May-23
Submittals Preparation	Site survey & full set Coordinates X,Y,Z Profile Design Cross Section Settlement Calculation sheet Force Calculation sheet Method of satement Risk Assissment	10	15/01/2023	24/01/2023																																	
CDP System	Borhole E-NOC Initial approval by approved Lab Site investgiation test NOI	60	25/01/2023	25/03/2023																																	
IIC	Preperation of Traffic Diversion Plan ITC Initial approval	21	25/02/2023	17/03/2023																																	
IPS- NDRC		14	18/03/2023	31/03/2023																																	
Mobilizat	Utilities Trial Pits	6	18/03/2023	23/03/2023																																	
Utilities Trial Dite	Mobilization	2	24/03/2023	25/03/2023																																	
Drive & Receive	Drive & Receive Pits	6	24/03/2023	29/03/2023																																	
Pilot	Pilot Stage	12	31/03/2023	11/04/2023																																	
Reaming	Reaming Stage	16	12/04/2023	27/04/2023			_				C				-					4			C							C							
Pipe		4	28/04/2023	01/05/2023																																	
Demobiliz	Demobilization	2	02/05/2023	03/05/2023																																	
																												_									
≥	Start Date	Ene	d Date	Paperwork period		Excu	tion p	period	ł			s	Staff				Labo	ors &	Tech	nnica	ls			v	ehicl	es					Heav	ey N	DRC	Mach	ines		
Summary	15-01-2023	03-0	5-2023	10 Weeks		8	Wee	ks					5					3	22						9								2				

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3.09- Manpower plan for NDRC-HDD Project:



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Trade License

مركــــز أبــوظـــبي للأعــمـــــال Abu Dhabi Business Center



دائــرة الـــتـنــهـيــة الاقــتـصـاديــة DEPARTMENT OF ECONOMIC DEVELOPMENT

Economic License

Commercial License

منشاة اقتصادية ناشئ

ة تجارية

بة اقتصادية

_	_	
Emerging	Economic	Establishment

License No	:	CN-4884869	:	رقم الرخصة
ADCCI No	:	8800047750	:	عضوية الغرفة
Establishment Card MOHRE	:	1740902	ن:	وزارة الموارد البشرية والتوطي بطاقة المنشأة
Establishment Card ICA	:	831471	:	الهيئة الاتحادية للهوية والجنسية- بطاقة المنشأة
Legal Form	:Sole Proprietorship L.L.C.		: شركة الشخص الواحد ذ م م	الشكل القانوني
		خص الواحد ذ م م	: انفرا ماكس للمقاولات العامة - شركة الش	الإسم التجاري
Trade Name	INFRAMAX GENERAL CONTR	RACTING - SOLE PROPR	IETORSHIP L.L.C.	
Establishment Date	:	09/05/2023	:	تاريخ تأسيس المنشأة
Issue Date	:	09/05/2023	:	تاريخ الإصدار
Expiry Date	:	08/05/2024	:	تاريخ الإنتهاء

الصلة				الرمز					
Role	Nationality	Own	ers / Partners	No.					
مالك	الإمارات العربية المتحدة		اس کي کي للاستثمار ذ.م.م	41729892					
Owner	United Arab Emirates	S K K INVESTMENT L.L.C.							
المفوض بالتوقيع لبطاقة المنشأة EC Authorized Signatory	فلسطین Palestine	KHALED S M ABUFROUKH	خالد صبحى محمود ابو فروخ	41466989					
مدير	فلسطين		خالد صبحي محمود ابو فروخ	20122529					
Manager	Palestine	KHALED S M ABUFROUKH							
Economic Activities	:		:	الأنشطة الاقتصادية					
- Telecommunication	Systems Equipment Installation	on and Maintenance	ظمة الاتصالات السلكية واللاسلكية	- تركيب وصيانة معدات أن					
- Internal Communicat	tion Network Installation and M	Maintenance	داخلي وصيانتها	- تركيب شبكات الإتصال اا					
- * All Kind Building P	rojects Contracting		ے، بانو اعها	 مقاو لات مشاريع المبان 					
- Service Duct Connec	,			- مقاه لات حفر قنوات التمد					
	re Oil And Gas Fields And Fa	cilities Services		- خدمات حقول و منشأت الذ					
				5 4 5					
The Contractor is not permitted to practice the activities marked with sign (*) unless these activities are classified and a Classification certificate is obtained for the department of Department of Urban Planning and Municipalities									
Official Email :		khaled@skkinvestn	nent.com	البريد الإلكتروني الرسمي					
Official Mobile :		9715051630	16	رقم التواصل الرسمي					
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وثيقة معتمدة وصادرة بدون توقيع أو ختم من دائرة النتمية الإقتصادية - أبوظبي. للتحقق من صحة البيانات الواردة في الرخصة برجاء زيارة الموقع العنه بعن من دائرة الموقع Approved document issued without signature or stamp by the Department of Economic Development - Abu Dhabi. To verify the license kindl visit www.tamm.abudhabi

Commercial Registration Certificate

مركــــز أبــوظــبي للأعــمــــال Abu Dhabi Business Center







شهادة السجل التج

Commercial Registration Certificate

Certificate No	:	4884869	:	رقم القيد
Issue Date	:	09/05/2023	:	تاريخ الأصدار
License No	:	CN-4884869	:	رقم الرخصة
ADCCI No	:	8800047750	:	رقم عضوية الغرفة
License Type	:Commercial License		: رخصـــة تجارية	نوع الرخصة
Legal Form	:Sole Proprietorship L.L.C.		: شركة الشخص الواحد ذ م م	الشكل القانوني
		لخص الواحد ذ م م	: انفرا ماكس للمقاولات العامة - شركة الش	الإسم التجاري
Trade Name	INFRAMAX GENERAL CONTR	RACTING - SOLE PROPR	IETORSHIP L.L.C.	
Establishment Date	:	09/05/2023	:	تاريخ تأسيس المنشأة
Expiry Date	:	08/05/2024	:	تاريخ الإنتهاء
MOHRE	:	1740902	وطين :	وزارة الموارد البشرية والت
ICA	:	831471	بنسية :	الهيئة الاتحادية للهوية وال

الأطراف Members البريد الالكتروني الهاتف النسبة الصلة الجنسية الملاك / الشركاء Phone Role Nationality **Owners / Partners** Email Share 971521180399 FADI.8899@HO مالك الإمارات العربية المتحدة اس کي کي للاستثمار ذ.م.م 100. TMAIL.COM Owner **United Arab Emirates** S K K Investment L.L.C. المفوض بالتوقيع فلسطين خالد صبحي محمود ابو فروخ +971 505163016khaled@skkinve 0. لبطاقة المنشأة stment.com Palestine KHALED S M ABUFROUKH EC Authorized Signatory 505163016 khaled@skkinve فلسطين 0. خالد صبحي محمود ابو فروخ مدير stment.com KHALED S M ABUFROUKH Manager Palestine **Capital Details** سيل رأس المال المدفوع : 100000 Paid العملة در هم اماراتي Currency AED Address

العنوان

جزيرة الريم, الريم طموح 3, 0 : ~, مبنى, اس كي كي للاستثمار ذ.م.م

الأنشطة

- مقاولات مشاريع المباني بانواعها

- مقاولات حفر قنوات التمديدات الخدمية

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



- All Kind Building Projects Contracting

The Contractor is not permitted to practice the activities marked with

sign (*) unless these activities are classified and a Classification certificate is obtained for the department of Department of Urban

- Service Duct Connection Drilling

Planning and Municipalities

Activities

Page1 of 2



تنتهى صلاحية هذه الشهادة بعد 15 يوم من تاريخ اصدار الرسالة

www.adbc.abudhabi.ae

جل : 09/05/2023

VAT Certificate



Abu Dhabi Membership Certificate



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** CONTACTS **

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<u>Р.О. Вох#:</u> 90984 Abu Dhabi, UAE.

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WEB-SITE:

www.inframaxuae.com

LOCATION#:

ASCORP HOLDING BUILDING, Al Saqlawi St, M42 Musaffah, Abu Dhabi, UAE.



THANK YOU!

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