



**Hadeed Al Khaleej**  
Steel Co.



## Contract

### Section 1: Client Details

Date	Sunday 07/02/2021
S.N	01-HAK07022021
Project Name	Steel Structure Works
Job location	Alain Abu Dhabi, U.A.E.
Subject	Fabrication ,Painting & erection
<b>Customer Info</b>	
Name	صقور الامارات للطيران
Attn	السيد / محمد عبيد الكعبي
Phone	0506232388
Fax	
E-mail	

### Steel Structures

Type of structure	Steel Structure
Design by <b>Hadeed Alkhaleej</b>	<b>YES</b>
Drawings by <b>Hadeed Alkhaleej</b>	<b>YES</b>
Fabrication by <b>Hadeed Alkhaleej</b>	<b>YES</b>
Delivery to site by <b>Hadeed Alkhaleej</b>	<b>Yes</b>
Erection by <b>Hadeed Alkhaleej</b>	<b>YES</b>



## Section 2: Building description

### Warehouse

Building Description	
Width (m)	30.00m
Length (m)	50.00 m
Floor area	1500 m <sup>2</sup>
Eave height	6.50 m
Mezzanine area	75 m <sup>2</sup>

Wall sandwich panel height 5.5 m height same roof sandwich panel+1 m  
single skin curve

Doors	<b>Not included</b> غير مشموله
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الباب الرئيسي للهنجر وجميع الأبواب الفرعية (لأنها تخضع لمتطلبات الدفاع المدني) وجميع اعمال الالمونيوم غير مشموله في عرض السعر

Main Frame Data	
Frame Profile	Steel Framing acc. to our design
Concrete Works (civil)	By others
Steel Columns	Acc. To our design
Horizontal members	Acc. To our design
Vertical members	Acc. To our design
Diagonal members	Acc. To our design



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شركة الحداد الخاليج  
ذ.م.م

Cladding Specification مواصفات ساندوتش السقف

Sandwich panel (roof +5.5 m wall ONLY)

Sandwich panel	Exterior Skin	profile	0.5 mm Thick
		material	ALUM
		Finish	Polyester Coated
		Color	Any standard color
	Insulation	Thick	50 mm
		Density	35 kg/m <sup>3</sup>
		Type	Thick injected PU
	Interior Skin	profile	0.5 mm Thick
		material	GI
		Finish	Polyester Coated

**Normal sandwich panel insulated by normal foam**





## Section 3: Technical approval

### 3.1 Drawing & design calculations

Commencing the Drawings and structural design calculations within 2 weeks after the job entry by signing the contract.

Preparation of shop drawings, erection and bill of material is submitted according to your demand after signing the contract and our receipt of signed "approved as is" or "approved as noted"

### 3.2 Material Submittals approval

Materials samples & submittals will be available to be approved before the fabrication work is allowed.

No.	Material	Specifications	Strength
1	Built up sections plates	EN-10025 S355 JR	$F_y=35.5$
2	Hot rolled tubes	ASTM A500 Grade A	$F_y=23.0$
3	Hot rolled I-sections	En-10025 S275 JR	$F_y=27.5$
4	Hot rolled pipes	EN-10210 S75 JH	$F_y=27.5$
5	Cold formed Members	ASTM A653M SS	$F_y=34.5$
6	Anchor Bolts	Grade 4.6 Hot dip galvanize	$F_y=24.5$
7	Primary connection Bolts	Grade 8.8 Hot dip galvanize	$F_t=80.0$
8	Secondary connection Bolts	Grade 8.8 Hot dip galvanize	$F_t=80.0$
9	Sag rods	Grade 8.8 Hot dip galvanize	$F_y=24.5$



## Section 4: Design codes

All steel structural components apply the following standards:

- AISC-ASD 360-05
- AISI 2002
- UBC-97
- IBC 2006

## Section 5: Design criteria

- Continuous strut pipes or tubes considered along eave line
- Single side welding only considered unless otherwise mentioned
- Design is applying the following loads:

No.	Description	Loads
1	Dead Load on Roof and frame	0.15 KN/m'
2	Live load on roof	0.60 KN/m'
3	Live load on Frame	0.60 KN/m'
4	Wind speed	162 KPH
5	Additional collateral load	0.10 KN/m'
6	Seismic load	N/A
7	Temperature load	N/A
8	Rainfall intensity	N/A

## Section 6: Welding

- **Welding Electrodes shall be AWS D1.1**
- **Qualification of welding procedure and welders are certified by Hadeed Alkhaleej Steel Constructions**



## Section 7: Surface preparation and paint system

No.	Description	Surface preparation	Finish
1	Structural steel members	Sand Shot blasted	1 coat primer + epoxy final coat
2	Secondary members (cold formed c , z shapes)	-	Pre-Galvanized
3	Anchor Bolts	-	Hot Dip Galvanized

يتم استخدام حديد مطابق للمواصفات جديد غير مستعمل سابقا علي ان يقوم المالك بفحص الحديد قبل صبغه واستلامه بالمصنع



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## Section 8: Prices

### Material Supply & Installation

#	Description	QTY	Unit price	Total price
1	Warehouse	1	700,000	700,000

*Our total price 700.000 AED (Seven hundred thousands dirhams only )*

**NOTE: OUR PRICE DOES NOT INCLUDE VAT 5%**

**NOTE: NO RETENSION**



*For*

*Intumescent fire painting 2hours*

*Additional price 70.000 AED (Seventy Thousands dirhams)*



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## Section 9: Payment terms

### Material Supply&Installation; 700.000 Aed

- 1 35 % advance payment against signing the contract.
- 2 20 % upon Getting Drawings approval
- 3 25 % against steel material on site
- 4 10% against sandwich panel on site
- 5 5% after fixing columns &rafters
- 6 5% after fixing sandwich panel and finishing work

السعر لايشمل ضريبه القيمه المضافه ٥ %

### طريقه استلام الدفعات

١- نقدا

٢- شيك باسم (حديد الصناعيه ذ.م.م)

٣- شيك باسم (حديد الخليج ذ.م.م)

**NOTE: NO RETENSION**

## Section 10: Materials delivery

**9.1** The Whole project will be ready for material delivery will be mutually agreed from the Commencement date

**9.2** The commencement date is the latest date of receipt and acceptance of the following at **Hadeed Alkhaleej**

- Duly signed and stamped (company seal) contract (ALL changes must be duly authenticated by both parties )
- Receipt of advanced payment
- Your written acceptance of price change order that result from revisions to buildings.
- Payment terms accepted in writing by. Cash/Cheque/Bank Transfer/Letter of credit as the case may be.
- Final Building (s) Revision / modification irrespective of how insignificant it is.
- Signed “Approved as noted” or “Approved As Is ‘ Approval Drawings. (Return Approval Drawings)

**9.3** Any non – standard size or grade of Anchor bolts needs about 4 weeks for delivery period (efforts would be made to reduce the above mentioned period depending on work involved and spare capacity)

**9.4** Insurance of material during transits is an option for the customer at his expenses.

**NOTE:** Delivery period & price shall change if validity of this proposal/ offer expires or if the job is not released for production within 90 days from the date of submission of GA drawings.



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## Section 11: Standard terms & conditions

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**10.1 Changes in the product Specifications.** Hadeed Alkhaleej reserves the right to change any of its product design or details in the process of continued enhancement.

**10.2 Cancellation of Contract.** Agreement and orders cannot be cancelled or modified by the customer under any circumstances without getting formal writing agreement from us covering all damage, if the cancellation agreement is approved by us and the customer the customer has to pay all engineering and other expenses incurred by us in connection with this agreement and in any case not less than 20% of the agreement price in case of cancellation.

**10.3 Price Change Advices.** Any changes made by the customer after the job is entered in Hadeed Alkhaleej order register will be analyzed for impact on price and dispatch schedule. If the changes result in price increase, the job will be put on hold until assigned acceptance letter for the price change is received from the customer. Price advices must not hold payment for work already completed.

**10.4 Force Majeure** Hadeed Alkhaleej is not responsible for any delay in the dispatch of a job due to force majeure.

**10.5 Material Warranty.** Hadeed Alkhaleej warrants its products for a period of 12 months from date of final handing over.

**10.6 Design Warranty.** Hadeed Alkhaleej warrants its products for a period of 10 years from date of their dispatch from factory according to requirements.

**10.7 Quality plan.** The design and fabrication of all components of a job will be checked as per Hadeed Alkhaleej INDUSTRIES STANDARD INSPECTION & Testing plan (ITP). Special and inspections beyond the scope of our standard ITP must be intimated to us at time of quotation in order for us to incorporate



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## Section 12: Manufacturing period

**Hadeed Alkhaleej** will finish manufacturing after 30 days from getting drawings approval

## Section 13: Transportation & erection & carnage

**Hadeed Alkhaleej** will finish installation within 60days from pouring concrete slab

**Hadeed Alkhaleej** is responsible for erection (carnage & man lifts).

**Hadeed Alkhaleej** is not responsible for electricity & scaffolding .

يتم توقيع العقد بين الطرفين

حديد الخليج للاستشارات المعدنية

صقور الامارات للطيران



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