

Ahmed Hamdi Khalil Ahmed

Residence : Riyadh, Saudi Arabia

+966 56 050 8570 - +2010 2226 9995

Ahmed.hamdi.khalil@gmail.com

<https://www.linkedin.com/in/ahmed-hamdi-khalil/>

SUMMARY

Experienced Estimation Manager with 13 years of expertise in infrastructure projects across Egypt and GCC countries, specializing in cost analysis/budget, Tender technical proposal, and Tender Financial offer. Seeking to leverage a strong track record in leading estimation teams and delivering accurate, cost-effective solutions, contributing to the successful execution of large-scale infrastructure developments in these regions.

EDUCATION

- Bachelor of Civil Engineering - Helwan University - year 2012

TECHNICAL SKILLS

- Software: Candy CCS, Primavera P6 - AutoCAD - Civil 3D - Microsoft Project - Microsoft Office Suite (Excel, Word, PowerPoint)
- Certifications: PMP (In Progress) - CCP (Prep) - Candy CCS - Management Puzzle simulation - Finance For Non-Financials - Overcoming the barriers - Problem solving and Decision Making,
- Languages: English: Excellent (reading, writing and speaking) – Arabic: Native tongue

JOB EXPERIENCE

ESTIMATION MANAGER @ CSCEC MIDDLE EAST

July 2025 – Present

Experienced Deputy Estimation Manager with expertise in infrastructure and road projects responsible for leading tender preparation, performing accurate cost analysis, and managing a team to deliver competitive and profitable bid proposals on time. Key projects detailed below.

- DD-2020-229 - Diriyah Gate Infrastructure Construction in KSA with Total budget cost of 1.773 Bil. SAR

ESTIMATION MANAGER @ HASSAN ALLAM CONSTRUCTION

October 2024 – July 2025

Estimation Manager with expertise in infrastructure and road projects across Egypt and GCC countries, skilled in delivering precise cost estimates, optimizing resources, and ensuring alignment with industry standards and client goals, Key projects detailed below.

- Swan Lake Residence Utilities and Roads packages in EGYPT with Total budget cost of 200 mil. EGP
- PS 12 & 13 in Sinai – EGYPT with Total budget cost of 350 mil. EGP
- Construction of King's College in Riyadh – KSA under Studying

ESTIMATION SECTION HEAD @ HASSAN ALLAM CONSTRUCTION

May 2022 – October 2024

Oversee cost estimation and bid preparation for infrastructure and roads projects across Egypt and GCC countries, ensuring accuracy and competitiveness, while managing budgets and leading the estimation team. Key projects detailed below.

- Construction of water distribution network for IZKI Wilayat in Aldakhilah Governate – OMAN with Total budget cost of 84 mil. OMR.
- Infra works for Motorsport Hotel Complex in east village - Qiddiya – KSA.
- Pump station and Force main line 1200 mm in New Cairo - EGYPT with Total budget cost of 214 mil. EGP.

- Roads and Infra-Networks work of 450 feddan in New Administrative Capital - EGYPT with Total budget cost of 855 mil. EGP.
- Roads, Infra-Networks, water treatment plant and booster pump station in West Assiut - EGYPT with Total budget cost of 1800 mil. EGP.
- Swan Lake Residence Wet Utilities in New Cairo - EGYPT with Total budget cost of 318 mil. EGP.
- land reclamation project in AL-Dabaa - EGYPT with Total budget cost of 2800 mil. EGP

SENIOR ESTIMATION ENGINEER @ SAMCRETE Engineers & Contractors Dec 2020 - May 2022

Develop and analyze detailed cost estimates Breakdown for infrastructure projects, coordinate bid proposals, and collaborate with cross-functional teams to ensure accurate and competitive pricing. Provide mentorship to junior engineers and stay updated on market trends to refine estimation processes and support project success, Key projects detailed below.

- Roads and bridge's works in Burg Al-Arab - EGYPT with Total budget cost of 375 mil. EGP.
- Roads and main Infra lines in 6 October City - EGYPT with Total budget cost of 430 mil. EGP.
- Sea Water Desalination Plant for Suez Oil Processing Company SOPC in Suez - EGYPT with Total budget cost of 50 mil. USD.
- Mega Infrastructure Project (sewage gravity networks, pump stations and force mains) for SRSSP Program financed by World Bank and AIIB in Monufia Governorate - EGYPT with Total budget cost of 430 mil. EGP.
- Mega Infrastructure Project (sewage gravity networks, pump station and force mains) for SRSSP Program financed by World Bank and AIIB in Tanta - EGYPT with Total budget cost of 430 mil. EGP.
- Mega Infrastructure Project (two waste water treatment plants) for SRSSP Program financed by World Bank and AIIB in Gharbia - EGYPT with Total budget cost of 510 mil. EGP.

SENIOR ESTIMATION – PLANNING ENGINEER @ ACTRAC

Nov 2019 - Dec 2020

Develop and analyze detailed cost estimates Breakdown, Project Planning for infrastructure projects, coordinate bid proposals, and collaborate with cross-functional teams to ensure accurate and competitive pricing. Provide mentorship to junior engineers and stay updated on market trends to refine estimation processes and support project success, Key projects detailed below.

- Mega Infrastructure Project (sewage gravity networks, pump station and force mains) for SRSSP Program financed by World Bank and AIIB in Dakahlia - EGYPT with Total budget cost of 196 mil. EGP.
- Construction of new Headquarters of Lawyer's Syndicate In Cairo - EGYPT with Total budget cost of 97 mil. EGP.

ESTIMATION - TECHNICAL OFFICE ENGINEER @ AITantawy Company

Oct 2014 - Nov 2019

Preparing detailed work breakdown for cost estimates, Sending RFQ to suppliers and Sub contractors, any QS required and Planning with Primavera for infrastructure projects.

- Mega Infrastructure Project (sewage gravity networks, pump station and force mains) for SRSSP Program financed by World Bank and AIIB in Dakahlia - EGYPT with Total budget cost of 213 mil. EGP.
- Mega Infrastructure Project (sewage gravity networks, pump station and force mains) for SRSSP Program financed by World Bank and AIIB in Sharkia - EGYPT with Total budget cost of 133 mil. EGP.
- USAID Wastewater project of Tahaboosh village in Beni Suef - EGYPT with Total budget cost of 45 mil. EGP.
- Field Irrigation projects across Kafr Elsheikh - EGYPT with Total budget cost of 163 mil. EGP.
- Development & efficiency raising of Kom Edrigha's Water Treatment Plant in Beni Suef - EGYPT with Total budget cost of 21 mil. EGP

REFERENCES are available upon request

Work Samples and Certificates of Eng. Ahmed Hamdi Khalil Work Samples using Candy CCS

1.1 Resource List								
L	T	Resource Code	Description	Unit	Tax codes	Base rate	Final rate	Group Code
		199	Equipment					
e		10000	Excavator 20T with Trencher	Day			1,351.00	
e		10001	EXCAVATOR 20T	Day			878.40	
e		10002	EXCAVATOR 50T	Day			2,166.00	
e		10003	Loader 966	Day			1,006.00	
e		10004	Loader 950	Day			876.00	
e		10005	Skid steer LOADER	Day			463.00	
e		10006	Backhoe LOADER	Day			605.00	
e		10007	Bulldozer D8	Day			1,654.00	
e		10008	Bulldozer D9	Day			2,142.00	
e		10009	Air compressor	Day			218.00	
e		10010	Tipper Truck 16 M3	Day			753.00	
e		10011	Tipper Truck 22 M3	Day			1,018.00	
e		10012	Plate compactor 200 Kg	Day			200.00	
e		10013	Roller Compactor 3 Ton	Day			443.00	
e		10014	Roller Compactor 10 Ton	Day			544.00	
e		10015	Water Tanker 18 M3	Day			603.00	
e		10016	Water Tanker 32 M3	Day			720.00	
e		10017	Diesel Tanker 10M3	Day			527.00	
e		10018	Flat-bed Trailer Truck	Day			759.00	
e		10019	Low-Bed Trailer Truck	Day			1,363.00	
e		10020	Boom Truck 6x4 10 Ton	Day			937.00	
e		10021	Mobile Crane 30 Ton	Day			833.00	
e		10022	Mobile Crane 50 Ton	Day			1,100.00	
e		10023	Mobile Crane 75 Ton	Day			1,432.00	
e		10024	Mobile Crane 100 Ton	Day			2,026.00	
e		10025	Grader 160M (4.3M)	Day			1,077.00	
e		10026	Generator 30 KVA	Day			288.00	
e		10027	Generator 50 KVA	Day			402.00	
e		10028	Generator 75 KVA	Day			584.00	
e		10029	Generator 100 KVA	Day			728.00	
e		10030	Generator 200 KVA	Day			1,389.00	
e		10031	Generator 300 KVA	Day			2,015.00	
e		10032	Generator 400 KVA	Day			2,735.00	
e		10033	Generator 500 KVA	Day			3,309.00	
e		10034	Generator 650 KVA	Day			4,213.00	
e		10035	Generator 1000 KVA	Day			6,511.00	
e		10036	Fork Lift 3T	Day			354.00	
e		10037	Fork Lift 7T	Day			537.00	
e		10038	Filling Pump rental	Day			100.00	
e		10039	Pressure Pump rental	Day			100.00	
		200	Material					
		300	Labour Rates					
		SE000	Self Excution Rates					
		sc000	Subcontractor Rates					

Candy											
1.2 Pricing Bill											
L	T	Item	Bill description	Unit	Bill quantity	Rate	Amount	T	Code	Pricing Description	Unit
			BILL 07 - GENERAL NETWORK				6,489,571.21				
			CLASS 1: PIPEDORK - PIPES				6,489,567.77				
			Vitrified clay (VC) pipework, including fittings and				6,822,634.79				
			workovers; complete all in accordance with the								
			specifications								
			Nominal size: 200 mm								
A			In trenches; depth 1.5 - 2.0m	m	330.0	383.24	126,477.10	P	P0054	In trenches; depth 1.5 - 2.0m	m
B			In trenches; depth 2.0 - 2.5m	m	254.0	439.41	111,610.93	P	P0055	In trenches; depth 2.0 - 2.5m	m
C			In trenches; depth 2.5 - 3.0m	m	124.0	609.49	75,558.28	P	P0056	In trenches; depth 2.5 - 3.0m	m
D			In trenches; depth 3.0 - 3.5m	m	174.0	565.93	98,472.32	P	P0057	In trenches; depth 3.0 - 3.5m	m
E			In trenches; depth 3.5 - 4.0m	m	223.8	636.82	142,832.14	P	P0058	In trenches; depth 3.5 - 4.0m	m
F			In trenches; depth 4.0 - 4.5m	m	237.0	761.26	180,417.94	P	P0059	In trenches; depth 4.0 - 4.5m	m
G			In trenches; depth 4.5 - 5.0m	m	38.0	996.61	37,879.99	P	P0060	In trenches; depth 4.5 - 5.0m	m
H			In trenches; depth 5.0 - 5.5m	m	110.0	1,036.83	114,051.15	P	P0061	In trenches; depth 5.0 - 5.5m	m
J			In trenches; depth 5.5 - 6.0m	m	59.0	1,181.93	69,551.81	P	P0062	In trenches; depth 5.5 - 6.0m	m
K			In trenches; depth 6.0 - 6.5m	m	253.0	1,348.88	341,165.67	P	P0063	In trenches; depth 6.0 - 6.5m	m
L			In trenches; depth 6.5 - 7.0m	m	140.0	1,522.19	213,106.48	P	P0064	In trenches; depth 6.5 - 7.0m	m
M			In trenches; depth 7.0 - 7.5m	m	197.0	1,701.29	335,154.35	P	P0065	In trenches; depth 7.0 - 7.5m	m
N			In trenches; depth 7.5 - 8.0m	m	82.0	1,995.79	163,734.51	P	P0066	In trenches; depth 7.5 - 8.0m	m
P			In trenches; depth 8.0 - 8.5m	m	140.0	2,162.36	302,730.25	P	P0067	In trenches; depth 8.0 - 8.5m	m
			Nominal size: 225 mm								
A			In trenches; Depth 4.0 - 4.5m	m	36.0	953.19	34,314.99	P	P0069	In trenches; Depth 4.0 - 4.5m	m
B			In trenches; Depth 5.0 - 5.5m	m	75.0	1,139.52	85,489.75	P	P0070	In trenches; Depth 5.0 - 5.5m	m
C			In trenches; depth 6.0 - 6.5m	m	85.0	1,469.33	124,128.46	P	P0071	In trenches; Depth 6.0 - 6.5m	m
			Nominal size: 300 mm								
			Job totals				*****				

Work Samples using Candy CCS

Price code worksheet: P00554: Created: AH 05/10/2025 Amended: AH 21/10/2025 11:34			
Edit View Tools		Pricing	
P00554	In trenches; depth 1.5 - 2.0m	330 m	Selling rate: None Total Rate: 383.26
9/A	In trenches; depth 1.5 - 2.0m	330 m	Stored: 21 Oct 2025 - labor: 31.94 Recalc: 20 Oct 2025 e - equipment: 188.93 MacroQty: <recalc> m - material: 162.37 s - sub cont.: 0.01
# Pipe Supply			
20391	VC pipe 200 mm	42.00m-15%fitting-0%overlapping	= 53.13
SE007	External Transportation	923.00SAR/Tr/1000m/trip	= 1.01
SE008	Storing Crew	718.00SAR/D/1000m/day	= 0.78
SE009	Internal Transportation	438.52SAR/Tr/1000m/day	= 0.48
=	APPLIED FACTOR	*1+10%waste *(1-[ISC])	55.40
# Excavation in any type of soil including Rock			
SE001	Excavation from 0 to 2 m	56.12SAR/M ³ *1.04 m ³ /m	= 100.88
=	APPLIED FACTOR	*(1-[ISC])	100.88
# Sand for pipe zone			
SE014	Backfilling with Sand from outside site	63.90SAR/M ³	= 42.17
=	APPLIED FACTOR	*0.66 m ³ /m *(1-[ISC])	42.17
# Soil replacement			
SE034	Soil Replacement	124.76SAR/M ³	= 19.96
=	APPLIED FACTOR	*0.16 m ³ /m *(1-[ISC])	19.96
# Transportation of excess material			
SE010	Public Dump Area material transportation	20.32SAR/M ³	= 14.22
=	APPLIED FACTOR	*0.7 m ³ /m *(1-[ISC])	14.22
# Backfilling from site			
SE016	Backfilling with Soil from inside site	30.16SAR/M ³	= 40.12
=	APPLIED FACTOR	*1.33 m ³ /m *(1-[ISC])	40.12
# Pipe Installation			
SE017	Upvc/Vc Installation crew	3046.00SAR/D/162m/day	= 20.04
20028	Chain lift for pipes	260.00m ³ *10% depreciation / 162 m/day	= 0.16
Grease density GD [GD]=850 Kg/M ³			
20029	Grease for pipes	20.00Kg-9%waste*3.14*0.2*0.07*0.005*[GD]/2	= 2.04
=	APPLIED FACTOR	*(1-[ISC])	22.23
# Water Cone test			
SE029	Under Gravity Water Cone test crew	1763.00SAR/D/162m/day	= 10.88
20030	Material for Cone water test	100.00Ls/20times/162m/day	= 0.03
20031	Gypsum & Cement Plug for cone water test	790.75m ³ *3.14*0.2*0.2*0.25*0.3 ² /162	= 0.09
20004	WATER	15.00m ³ +10%waste*3.14*0.2*0.2*0.25	= 0.52
=	APPLIED FACTOR	*(1-[ISC])	11.52
# Safety works			
Line 1 of 49 Tracking: Bill order			

Price code worksheet: P00554: Created: AH 05/10/2025 Amended: AH 21/10/2025 11:34			
Edit View Tools		Pricing	
P00554	In trenches; depth 1.5 - 2.0m	330 m	Selling rate: None Total Rate: 383.26
9/A	In trenches; depth 1.5 - 2.0m	330 m	Stored: 21 Oct 2025 - labor: 31.94 Recalc: 20 Oct 2025 e - equipment: 188.93 MacroQty: <recalc> m - material: 162.37 s - sub cont.: 0.01
# Water Cone test			
SE029	Under Gravity Water Cone test crew	1763.00SAR/D/162m/day	= 10.88
20030	Material for Cone water test	100.00Ls/20times/162m/day	= 0.03
20031	Gypsum & Cement Plug for cone water test	790.75m ³ *3.14*0.2*0.2*0.25*0.3 ² /162	= 0.09
20004	WATER	15.00m ³ +10%waste*3.14*0.2*0.2*0.25	= 0.52
=	APPLIED FACTOR	*(1-[ISC])	11.52
# Safety works			
New Jersey for 2 side			
20033	New Jersey 1.2m long - 1m height	137.50M ² /4 times	= 68.75
# Subcont.			
sc100	Network subcont	1.001s* 366	= 0.00
=	APPLIED FACTOR	*[ISC]	0.00

Work Samples using Microsoft Excel Price Bases Sheet

Price Bases					Price Bases				
Material Supply List					Apply Rates				
Material Prices Increase %					Apply Rates				
Item	Rate	%	Final Rate	Unit	Item	Rate	%	Final Rate	Unit
Readymix concrete 150 kg/cm ²	192	1.00	192	SAR / M3	Excavation from 0 to 2 m			56	SAR / M3
Readymix concrete 250 kg/cm ²	238	1.00	238	SAR / M3	Excavation from 2 to 4 m			61	SAR / M3
Readymix concrete 350 kg/cm ²	269	1.00	269	SAR / M3	Excavation from 4 to 6 m			67	SAR / M3
Readymix Green concrete 400 kg/cm ²	289	1.00	289	SAR / M3	Excavation from 6 to 8 m			78	SAR / M3
Supply & Apply of mortar 300kg/m ³	247	1.00	247	SAR / M3	Excavation from 8 to 10 m			92	SAR / M3
Supply of Portland Cement	300	1.00	300	SAR / TON	Excavation from 10 to 12 m			112	SAR / M3
Supply of Grout	0.46	1.00	0.46	SAR / KG	Disposal of excess excavation material - 20KM			20	SAR / M3
Wooden Planks 25*5cm*4m	1,560	1.00	1,560	SAR / M3	Disposal of excess excavation material - per KM			0.48	SAR / KM
Plywood Planks 2.44*1.22cm*18mm	168	1.00	168	SAR / Plank	Backfilling with soil from site			31	SAR / M3
Steel Reinforcements	2,650	1.00	2,650	SAR / TON	Backfilling with Sand from outside site			64	SAR / M3
Steel works - Beams	4,000	1.00	4,000	SAR / TON	Fittings installation < 300 mm			100	SAR / No.
Steel works - pipes & angles	4,000	1.00	4,000	SAR / TON	Fittings installation < 500 mm			150	SAR / No.
Steel works - sheets	3,200	1.00	3,200	SAR / TON	Fittings installation > 500 mm			200	SAR / No.
Plastic warning tape			0.67	SAR / M	Cover Installation			100	SAR / No.
Detectable warning tape			0.95	SAR / M	Step Installation			5	SAR / No.
Soil for backfilling	18.00	1.00	18.00	SAR / M3	SC for Plain Footings - Chambers			300	SAR / M3
Sand for backfilling	29.00	1.00	29.00	SAR / M3	SC for Plain Footings - Buildings s			150	SAR / M3
Sand for bedding works	35.00	1.00	35.00	SAR / M3	SC for Reinforced Reti - Buildings s			200	SAR / M3
Aggregate size 1&2	59	1.00	59	SAR / M3	SC for Reinforced Footings - Chambers			600	SAR / M3
Aggregate size 6	57	1.00	57	SAR / M3	SC for Reinforced Footings - Buildings			300	SAR / M3
Water supply	15	1.00	15	SAR / M3	SC for Reinforced Walls - Chamber			900	SAR / M3
Gravel 3/8"	48	1.00	48	SAR / M3	SC for Reinforced Walls - Buildings			450	SAR / M3
Powder for Asphalt mix	70	1.00	70	SAR / M3	SC for Reinforced Slabs - Chamber			800	SAR / M3
Supply of MC for Asphalt	2,426.9	1.00	2,426.9	SAR / TON	SC for Reinforced Slabs - Buildings			400	SAR / M3
Supply of RC for Asphalt	2,225	1.00	2,225	SAR / TON	SC for Reinforced Beams/Columns - Chamber			1000	SAR / M3
Solar price	1.66	1.00	1.66	SAR / Litre	SC for Reinforced Beams/Columns - Buildings			500	SAR / M3
Bitumen for Asphalt	1,977.7	1.00	1,977.7	SAR / TON	RC for Thrust Block			1064	SAR / M3
Bituminous Insulation - Bituproof 40S	4.9	1.00	4.90	SAR / M2	PC for Thrust Block			582	SAR / M3
Vetotouch Europa savetta	2.2	1.00	2.18	SAR / KG					
SMA WATER BAR 94Q, IEJ 250	19.0	1.00	19.00	SAR / M					
Void filling board 1.22*2.1*0.02	77.0	1.00	77.00	SAR / No.					
Void filling Fibersal PU425 - 800 µ	13.5	1.00	13.50	SAR / No.					
Epoxy primer - JOTAFLOOR, SF PR 150	28	1.00	28.00	SAR / Litre					
Epoxy coat - JOTAFLOOR TOPCOAT E	33	1.00	33.00	SAR / Litre					
Epoxy self compacting - Jotafloor EPC 300 PLUS	28	1.00	28.00	SAR / Litre					
JOTAFLOOR NONSLIP AGGREGATE TYPE FINE	28	1.00	28.00	SAR / Litre					
JOTAFLOOR SEALER HS, COMB A+B	33	1.00	33.00	SAR / Litre					
water proofing membrane 3mm - 10m2/roll	7.00	1.00	7.00	SAR / M2					
GG PRIMER 200L	4.00	1.00	4.00	SAR / Litre					
Epoxy STRONG COAT PE 350	28	1.00	28.00	SAR / M2					
Hollow block 20*20*40 cm	2,600	1.00	2,600	SAR / 1000					
Hollow block 25*20*40 cm	7,350	1.00	7,350	SAR / 1000					
Concrete solid block 10*20*40 cm	3,900	1.00	3,900	SAR / 1000					
KERBSTONE GREY, SIZE: 15 X 30 X 50CM	30	1.00	30	SAR / M					
ENTER LOCK, SIZE: 30 X 30 X 8 CM	55	1.00	55	SAR / M					
Circular DCI Cover 40 cm - 40 Ton	200	1	200	SAR / No.					
Circular DCI Cover 60 cm - 40 Ton	700	1	700	SAR / No.					
Circular DCI Cover 90 cm - 40 Ton	1,205	1	1,205	SAR / No.					
Circular DCI Cover 100 cm - 40 Ton	1,800	1	1,800	SAR / No.					
Rec DCI Cover 75*60 cm - 40 Ton	900	1	900	SAR / No.					
Catch basin grating cover 60 * 60 cm - 25 ton	900	1	900	SAR / No.					
Kerb inlet grating cover 60 * 60 cm - 25 ton	750	1	750	SAR / No.					
Mini manhole 100 * 100 cm - 40 ton	2,700	1	2,700	SAR / No.					
SS manhole step	40	1	40	SAR / No.					
SS chamber step	30	1	30	SAR / No.					
Circular GRP Cover 90 cm - 40 Ton	345	1	345	SAR / No.					
Safety and General Item Rates									
RC New Jersey 2.4m long - 0.8m height	428	1	428	SAR / No.					
RC New Jersey 1.2m long - 1m height	137.5	1	137.5	SAR / No.					
Plastic New Jersey 1m long - 1m height	58	1	58	SAR / No.					
Office water consumption per month	10000	1	10000	SAR / Month					
Office Electricity consumption per month	25000	1	25000	SAR / Month					
Safety Shoes (95 for staff)	50	1	50	SAR / No.					
Safety Gloves	2.15	1	2.15	SAR / No.					
Safety Vest (12 for staff)	6	1	6	SAR / No.					
Safety Helmet	6.9	1	6.9	SAR / No.					
Safety overall	26	1	26	SAR / No.					
Safety Glasses	2.9	1	2.9	SAR / No.					
Safety Cone 1m	14	1	14	SAR / No.					
Safety Mask with filter	1.25	1	1.25	SAR / No.					
MAN-HOURS									
Item	Rate	Hrs	Rate/Day	Unit					
Underwater Diver	30	10	300	SAR / Day					
Foreman	20	10	200	SAR / Day					
Skilled Labour	18	10	180	SAR / Day					
Semi-Skilled Labour	16	10	160	SAR / Day					
Unskilled Labour	14	10	140	SAR / Day					
Equipment									
Equipment Prices Increase %									
Item	Rate	%	Final Rate	Unit					
Loader 966 solar included	1,006	1	1,006	SAR / Day					
Loader 950 solar included	876	1	876	SAR / Day					
backhoe loader solar included	605	1	605	SAR / Day					
54d steer Loader solar included	463	1	463	SAR / Day					
Bulkover 08 Solar included	1,654	1	1,654	SAR / Day					
Grader solar included	1,077	1	1,077	SAR / Day					
Roller compactor 10 ton solar included	544	1	544	SAR / Day					
Manual compactor 200 kg solar included	200	1	200	SAR / Day					
Concrete vibrator 45mm * 6m	225	1	225	SAR / No.					
Plate Compactor 120 kg	1,471	1	1,471	SAR / No.					
Excavator 50 ton solar included	2,186	1	2,186	SAR / Day					
Excavator 20 ton solar included	878	1	878	SAR / Day					
Water Tanker 18 m3	603	1	603	SAR / Day					
Bitumen tanker 10 m3	527	1	527	SAR / Day					
Asphalt Finisher	3,000	1	3,000	SAR / Day					
Tipper 16 m3	753	1	753	SAR / Day					
Tipper 22 m3	1,018	1	1,018	SAR / Day					
low bed Trailer 12 m long	1,363	1	1,363	SAR / Day					
Boom Truck 6x4 10 Ton	937	1	937	SAR / Day					
Air Compressor Diesel 7 Bar	218	1	218	SAR / Day					
Generator 30 KVA	288	1	288	SAR / Day					
Generator 50 KVA	402	1	402	SAR / Day					
Generator 75 KVA	584	1	584	SAR / Day					
Generator 100 KVA	728	1	728	SAR / Day					
Generator 200 KVA	1,389	1	1,389	SAR / Day					
Generator 300 KVA	2,015	1	2,015	SAR / Day					
Mobile Crane 30 Ton	833	1	833	SAR / Day					
Mobile Crane 50 Ton	1,200	1	1,200	SAR / Day					
Mobile Crane 75 Ton	1,432	1	1,432	SAR / Day					
Mobile Crane 100 Ton	2,026	1	2,026	SAR / Day					

Work Samples using Microsoft Excel Breakdown Sheets samples

External Transportation

Distance between site and factory	100.00	KM				
Speed Going	60.00	KM / HR				
Arrival time to site	1.67	HR				
Time for unloading	3.00	HR				
Speed returning	70.00	KM / HR				
Time to back to factory	1.43	HR				
Total trip time	6.10	HR				
low bed Trailer 12 m long rate / day	1,383.24	SAR / Day				
			Total trip cost	923.25	SAR / Trip	
Trailer dimensions	Length (m)	12.00	width (m)	2.20	Height (m)	2.00
Pipe length	12.00		No. of pipes	1.00	Long Car	80%
			Efficiency			

Diameter (mm)	No. of pipes/Column	No. of pipes/row	Total pipes / trip	Total meter/trip	Transportation cost/m	Storing Cost / m
180	12.00	13.00	120.00	1,440.00	0.64	0.50
200	10.00	11.00	84.00	1,008.00	0.92	0.71
250	8.00	8.00	48.00	576.00	1.80	1.25
315	6.00	6.00	26.00	312.00	2.96	2.30
355	5.00	6.00	22.00	264.00	3.50	2.72
400	5.00	5.00	18.00	216.00	4.27	3.32
450	4.00	4.00	11.00	132.00	6.99	5.44
500	4.00	4.00	11.00	132.00	6.99	5.44
600	3.00	3.00	6.00	72.00	12.82	9.97
700	2.00	3.00	4.00	48.00	19.23	14.96
800	2.00	2.00	2.00	24.00	38.47	29.92
900	2.00	2.00	2.00	24.00	38.47	29.92
1,000	2.00	2.00	2.00	24.00	38.47	29.92
1,200	1.00	1.00	1.00	12.00	76.94	59.84



Store in site cost	Type	No.	Daily Rate	Total cost
Crew consist of				
Loader	Plant	0.50	876.10	438.05
Unskilled labour	Labour	2.00	140.00	280.00
				718.05

Soil works Operation % 50%

Excavation in Normal Soil - Stress < 100 kg/cm2

Crew consist of	Type	Rate (SAR/Day)	No.	Total cost /day
Excavator 20 ton solar included	Plant	878.45	1.00	878.40
Unskilled labour	Labour	140.00	1.00	140.00
				1,018.40

Depth	Productivity m3/day	Operation %	Cost SAR/m3	Taken
Excavation from 0 to 2 m	160	50%	13.32	12.00
Excavation from 2 to 4 m	165	50%	12.34	13.00
Excavation from 4 to 6 m	150	50%	13.58	14.00
Excavation from 6 to 8 m	130	50%	15.67	16.00
Excavation from 8 to 10 m	110	50%	18.52	19.00
Excavation from 10 to 12 m	90	50%	22.63	23.00

Excavation in Rock Soil - Stress < 500 kg/cm2

Crew consist of	Type	Rate (SAR/Day)	No.	Total cost /day
Excavator 30 ton solar included	Plant	2,166.46	1.00	2,166.46
Excavator 20 ton solar included	Plant	878.40	0.25	219.60
Unskilled labour	Labour	140.00	1.00	140.00
				2,526.06

Depth	Productivity m3/day	Operation %	Cost SAR/m3	Taken
Excavation from 0 to 2 m	90	50%	56.13	56.00
Excavation from 2 to 4 m	83	50%	61.24	61.00
Excavation from 4 to 6 m	75	50%	67.36	67.00
Excavation from 6 to 8 m	65	50%	77.72	78.00
Excavation from 8 to 10 m	55	50%	91.86	92.00
Excavation from 10 to 12 m	45	50%	112.27	112.00

Excavation in all Type soil

Normal Soil % 0%
Rock Soil % 100%

Depth	Rate (SAR / M3)	Permit fees	Total Cost
Excavation from 0 to 2 m	56.00	0.00	56.00
Excavation from 2 to 4 m	61.00	0.00	61.00
Excavation from 4 to 6 m	67.00	0.00	67.00
Excavation from 6 to 8 m	78.00	0.00	78.00
Excavation from 8 to 10 m	92.00	0.00	92.00
Excavation from 10 to 12 m	112.00	0.00	112.00

Transportation of excess excavated material to Outside site approved locations

Crew consist of	Type	No	Rate (SAR/Day)	Total cost /day
Loader	Plant	1.00	876.00	876.00
Tipper 16 m3	Plant	8.00	753.00	6,023.99
			Total crew Cost	SAR/day
				6,899.99

Distance	35	Km
To access time of trip	Speed (Km/hr)	Time(Minutes)
Time for maneuvering & loading	N.A	15.00
Time for going (loaded)	35	60.00
Time for maneuvering & offloading	N.A	10.00
Time for return (empty)	45	46.67
Rest Time	N.A	10.00
Total Time		143.67
Dump truck capacity	m3	16.00
No. of trips / hr	trip / hr	0.42
Swelling factor	%	15%
Full factor	%	80%
Volume transported /hr	m3/hr	37.71
Volume transported /m3	m3/day	339.41
		Total Cost
		SAR/m3
		30.33

Transportation Cost

Work Samples using Microsoft Excel Breakdown Sheets samples

Item	Excavation from 0 to 2 m	Excavation from 2 to 4 m	Excavation from 4 to 6 m	Excavation from 6 to 8 m	Excavation from 8 to 10 m	Excavation from 10 to 12 m	Sand Backfilling	Transport of excess material	Backfilling from site	Soil Replacement
Rate	56	61	67	78	92	112	64	20	31	145
Depth	0 to 1.5	1.5 to 2	0 to 1.5	Riser to 1.5	not in trench	1.5 to 2	3.5 to 4	Riser to 4	not in trench	3 to 3.5
Diameter	250	250	300	300	300	400	400	400	400	600
bar										
Supply	237	237	296	296	296	423	423	423	423	760
Anti corrosion + PE sleeve	69.8	69.8	83.1	83.1	83.1	109.8	109.8	109.8	109.8	163.2
Fittings	35.6	35.6	44.4	59.2	177.6	63.5	63.5	84.6	126.9	76.0
Overlapping	5.5	5.5	7.9	7.9	7.9	12.7	12.7	12.7	12.7	25.3
External Transportation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Store in site	1.2	1.2	2.3	2.3	2.3	3.3	3.3	3.3	3.3	10.0
Internal Transportation	2.60	2.60	6.93	6.93	6.93	4.80	4.80	4.80	4.80	20.80
Waste	7	7	9	9	11	12	12	13	14	21
Total Supply	359	359	450	465	586	630	630	651	695	1,077
Trench Width at Base level	0.9	0.9	1	1	1	1.2	1.2	1.2	1.2	1.3
Slope	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Base layer Thickness	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Above pipe Layer thickness	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Trench Width at Ground Level	1.22	1.29	1.32	1.32	1.32	1.52	1.99	1.52	1.52	1.99
Trench Width at Above sand layer	1.05	1.05	1.16	1.16	1.16	1.38	1.38	1.38	1.38	1.52
Pipe Invert level	1.4	1.75	1.4	1.4	1.4	1.4	3.75	1.4	1.4	3.25
Total Excavation Depth	1.6	1.95	1.6	1.6	1.6	1.6	3.95	1.6	1.6	3.45
Excavation Cost from 0 to 2 m	95	120	104	0	0	122	157	0	0	168
Excavation Cost from 2 to 4 m							214			163
Excavation Cost from 4 to 6 m										
Excavation Cost from 6 to 8 m										
Excavation Cost from 8 to 10 m										
Excavation Cost from 10 to 12 m										
Sand Layer for Pipe zone	43.6	43.6	50.7	0.0	0.0	66.2	66.2	0.0	0.0	81.0
Soil Replacement 20 cm Thick under Base Layer	26.1	26.1	29.0	0.0	0.0	34.9	34.9	0.0	0.0	37.8
Transport of excess material	17.1	17.1	20.2	0.0	0.0	27.1	27.1	0.0	0.0	36.3
Backfilling material from site	29.5	43.0	30.4	0.0	0.0	31.1	157.3	0.0	0.0	126.2
Pipe Installation	28.5	28.5	30.1	30.1	60.2	32.1	32.1	32.1	64.2	40.9
RC Thrust Block	13.1	12.4	15.1	319.2	29.2	22.1	88.7	266.0	38.0	36.7
Initial water Test	8.5	8.5	10.1	10.1	10.1	11.9	11.9	11.9	11.9	25.6
Final water Test	3.4	3.4	4.0	4.0	4.0	4.8	4.8	4.8	4.8	10.2
Pipe disinfection and washing	0.0	0.0	7.3	7.3	7.3	8.5	8.5	8.5	8.5	17.5
New Jersey	68.8	68.8	68.8	0.0	68.8	68.8	68.8	0.0	68.8	68.8
Total Apply	290	327	319	371	180	363	804	323	196	731
Total Direct cost	649	686	769	836	766	993	1,434	974	891	1,808

Work Samples using Microsoft Excel Breakdown Sheets samples

Asphalt base/wearing course; Type A; Including all necessary accessories; all in accordance with the Specifications									
Asphalt base course (Type A), Depth 60mm									
Supplying of Asphalt mix									
Aggregate 1 +5% waste	=	61.95	SAR/M3	x	0.5	M3	=	30.98	
Powder +5% waste	=	73.50	SAR/M3	x	0.1	M3	=	7.35	
Sand +5% waste	=	36.75	SAR/M3	x	0.4	M3	=	14.70	
Bitumen +5% waste	=	2,202.59	SAR/Ton	x	5%	M3	=	118.94	
Mixing Station	=	15.00	SAR/Ton	x	1	M3	=	15.00	
Solar +3% Transportation	=	1.71	SAR/Litre	x	8	M3	=	13.68	
6 Skilled Labour	=	180.00	SAR/M3	x	0.01	M3	=	1.80	
6 Unskilled Labour	=	140.00	SAR/M3	x	0.01	M3	=	1.40	
Adding CRMB 60	=	2.50	SAR/Kg	x	3.55	Kg/Ton	=	8.88	
Total material supply								212.72	
Mixing Station profit	=			20%				42.54	
Total Asphalt Supply	=	212.7		+	42.5		=	255.3	Ton
Supply of Asphalt layer									
Asphalt base course	=	255.26	x	2.30	=	587.10	SAR/M3		
Transportation	=	753.17	x	0.02	=	15.69	SAR/M3		
Asphalt Compaction	=	602.79	x	10%	=	60.28	SAR/M3		
Supply 5 cm Thickness						=	39.78	SAR/M2	
Apply rate									
Asphalt finisher						=	3,000	SAR/Day	
Distance						=	300.00	M	
Time						=	110.00	Minute	
Finisher width						=	2.50	M	
Productivity						=	409.09	M2/Hr	3,272.73 M2/Day
Asphalt finisher Cost						=	0.92	SAR/M2	
Roller compactor 10 ton						=	543.98	SAR/Day	
Distance						=	300.00	M	
Speed going						=	6.00	Km/Hr	
Speed returning						=	6.00	Km/Hr	
Time going						=	3.00	Minute	
Time returning						=	3.00	Minute	
No. of Trips required						=	9.00		
Total time						=	54.00	Minute	
Roller width						=	1.20	M	
Productivity						=	400.00	M2/Hr	3,200.00 M2/Day
Roller compactor cost						=	0.17	SAR/M2	
Unskilled Labour	=	140	x	6	=	840	SAR/Day		
foreman	=	200	x	1	=	200	SAR/Day		
Productivity						=	3,273	M2/Day	
Labour cost						=	0.32	SAR/M2	
Total Apply						=	1.40	SAR/M2	
Total direct Cost / M3						=	41.19	SAR/M3	

Technical Offer Samples



خطة السلامة والصحة المدنية



أبو نائل المصري - أبو أحمد حمدي خليل
أبو الشرف علي - أبو مريم وديا



خطة توظيف الموارد



أبو نائل المصري - أبو أحمد حمدي خليل
أبو الشرف علي - أبو مريم وديا

خطة جودة المشروع



أبو نائل المصري - أبو أحمد حمدي خليل
أبو الشرف علي - أبو مريم وديا

خطوات التنفيذ



أبو نائل المصري - أبو أحمد حمدي خليل
أبو الشرف علي - أبو مريم وديا



خطة التفتيش والاختبار



أبو نائل المصري - أبو أحمد حمدي خليل
أبو الشرف علي - أبو مريم وديا



جداول تعديل الاسعار



أبو نائل المصري - أبو أحمد حمدي خليل
أبو الشرف علي - أبو مريم وديا

Certificates
Certificate of Experience as Estimation Manager
From Hassan Allam Construction



TO WHOM IT MAY CONCERN

This Is to Certify That **Eng. AHMED HAMDY KHALIL AHMED** worked at our company **Hassan Allam Construction(HAC)**,

As his last position "Estimation Manager "

in the period From May-2022 to Jul-2025.

Eng. AHMED had performed his assignments efficiently and had demonstrated competence and dedication in carrying out the duties of his position.

His invaluable services have helped and contributed to the success and timely completion towards the goals of the company

The company will not hesitate to recommend him for any future similar work.

This certificate was given to him upon his request and without any legal responsibility on our behalf.

Total Rewards Director

Mr. Hossam Abdelrahman Mostafa

A blue ink handwritten signature of Hossam Abdelrahman Mostafa is written over a circular official stamp. The stamp contains the text "HUMAN RESOURCES DEPARTMENT" at the top, "HASSAN ALLAM CONSTRUCTION HAC" around the perimeter, and "Compensation & Benefits Department" at the bottom. The signature is a large, stylized cursive script.

SCE Introduction Letter



الرقم 128293 / من 20 /

التاريخ

(22 Oct 2025 م)

الموضوع: إشعار تسجيل بالهيئة

المرفقات: (بدون)

خطاب تعريف Introduction Letter

To Whom it May Concern

اللى من يهيمه الأمر

Saudi Council of Engineers hereby certifies that

بهذا تشهد الهيئة السعودية للمهندسين بأن

0

احمد حمدي خليل احمد

has been registered with SCE as follows :
Identity No. : 3570029979
Membership ID : 1159477
Classification: Engineering

تم تسجيله في الهيئة وفقا للبيانات التالية :
رقم الهوية / الإقامة : 3570029979
رقم العضوية : 1159477
التصنيف : هندسة

Specialization : Civil Engineering

التخصص الرئيسي : هندسة مدنية

Membership Start Date : 7/28/2025
Validity : 7/28/2026

تاريخ بداية العضوية : 7/28/2025
صلاحية التسجيل حتى : 7/28/2026

This letter is issued upon his request without
any liabilities towards the Council.

وقد أعطى هذا الخطاب بناء على طلبه وبدون أدنى مسؤولية
تجاه الهيئة.

Best regards,

وتقبلوا خالص تحياتنا .

الامين العام



المكلف / م. فيصل بن عبدالله اليمنى

الرقم الموحد:

920020820

www.saoudieng.sa



@Eng_Council



EngCouncil1

K. S. A. P.O.Box 85041 Riyadh 11691
Riyadh:Tel. (011) 2942999 Fax 2405855
Jeddah:Tel. (012) 2342298 Fax 2342303
Dammam:Tel. (013) 8439288 Fax 8439286

CERTIFICATE OF APPRECIATION

We proudly award this certificate to

Ahmed Hamdi Khalil

For the attendance of

Management Puzzle Simulation



Duration: 2 Days
Dates: 15th & 16th of January 2025

Hisham Rafi
Chairman

Knowledge
enrich to lead



CERTIFICATE

Of Achievement

Proudly Presented To

Ahmed Hamde Khalil

HAS SUCCESSFULLY COMPLETED

Finance For Non Financials (12 Hours)



Mohamed El-baz

Managing Director

February 2025

Date

Project Management Professional (PMP) Preparation Course
Certificate, Currently preparing for Exam



CCP Preparation Course Certificate
With Engineering Tracks



ENGINEERING TRACKS

Certificate No: B803F-B058C

CERTIFICATE

THIS IS TO CERTIFY THAT

AHMED HAMDY KHALIL AHMED HAMMAD

Has attended and successfully completed all prescribed requirements of the course entitled

Certified Cost Professional(CCP)- Exam Preparation

(35) Contact Hours from 9 July 2023 to 10 September 2023



Yasser Shaban

Dr.Eng. Yasser Shaban
CEO & Academic Supervisor



**Candy CCS. Course Certificate
With Hassan Allam Holding**



**HASSAN ALLAM
HOLDING**

CERTIFICATE

OF ATTENDANCE

PRESENTED TO

Ahmed Hamde Khaliei Ahmed

For successfully attending in house "Construction Computer Software Estimating program course "
Provided by Hassan Allam Construction Company Conducted from 29th of March to 31st of May 2023.
Grade: Excellent (90.8%)

Eng. Amr Abdelhalim
Senior Tendering Manager

MR. Sameh Helal
CHRO

Overcoming the barriers-Problem solving & Decision Making Course Certificate
with Hassan Allam Holding



HASSAN ALLAM
HOLDING

CERTIFICATE

OF ATTENDANCE

PRESENTED TO

AHMED HAMDY KHALIL AHMED

For successfully attending "Overcoming the barriers-Problem Solving & Decision Making "
Provided by Hassan Allam Holding Company Conducted on 27th of February 2023.

Ahmed Samir
Program Facilitator
Talent Management Section Head

MR. Sameh Helal
CHRO

My Qualification degree front page

جمهورية مصر العربية
جامعة حلوان
Helwan University
شهادة تخرج

091280

كلية / .. الهندسة بالمطرية
معتمدة من الهيئة القومية لضمان جودة التعليم والإعتماد

تشهد الكلية بان السيد / احمد حمدي خليل احمد حماد

فد نجح في امتحان البكالوريوس / الليسانس قسم / الهندسة المدنية تخصص

شعبة / الهندسة المدنية نظام / انتظام

دور / في العام الجامعي ٢٠١٢ بتقدير // جيد //

بمجموع درجات / بمعدل ١٠٧٩ / ٧١,٩٢ فقط / ألف وتسعة وسبعون درجة

بمجموع تراكمي / ٥٠٢١ فقط / خمسة آلاف و واحد و عشرون درجة

النسبة المئوية / ٦٦,٥٠ % التقدير العام / // جيد //

درجة مشروع التخرج: ١٧٨ التقدير: امتياز

اعتمد ا. د / عميد الكلية بتاريخ - / - / ٢٠١٢ بالتفويض عن مجلس الكلية بتاريخ ٢٠١٢/٧/٣٠
واعتمد السيد ا. د / رئيس الجامعة بالتفويض عن مجلس الجامعة بتاريخ ٢٠١٣/١٢/٢

المختص رئيس القسم
أمين الكلية

٢٠ / /

CBE BARRHOTEL PRINTING PRESS

الشارع الرئيسي - ابراهيم الحجازي

