



# School for Knowledge Economy Project (SKEP) Phase III – Package 1

## Monthly Progress Report

No. 4

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## 1 | Project Particulars

Contract Name:	School for Knowledge Economy Project (SKEP) Phase III – Package (1)
Owner:	Ministry of Education (MOE)
Funded By:	United States Agency for International Development (USAID)
Consultant:	Wahib Medanat Consultant Engineers
Project Management:	Trigon Associates
Contractor:	Derar Saraireh & Sons for Engineering & Contracting
Contract No.:	1/2020/USAID/SKEP/3/1
Commencement Date:	19/12/2020
Time for Substantial Completion of the Work:	Um-Aldananir Basic Mixed School - Al-Balqa: 450 Days
	Al Khansa' Basic Mixed School Al-Balqa: 450 Days
	Khadija Bint Khwailed Basic Mixed School - Al-Shouna Al-Janobia: 450 Days
Time to Complete the Work Including Punch List Items:	Within 14 Calendar days for each School from the date of taking over committee inspection
Contract Amount at Award:	9,789,417.840 JOD
Amount of Liquidated Damages:	Um-Aldananir Basic Mixed School- Al-Balqa: 2000 JOD/ Day but not to exceed 15% of total amount for the School
	Al Khansa' Basic Mixed School Al-Balqa: 2000 JOD/ Day but not to exceed 15% of the total amount for the School

	Khadija Bint Khwailed Basic Mixed School - Al-Shouna Al-Janobia: 2000 JOD/ Day but not to exceed 15% of total amount for the School
Defects Liability Period:	(730) Calendar Days for all Civil & Electromechanical works from the date of Substantial Completion for each school including the maintenance of plantation works
Maintenance Guarantee for Defects Liability Period:	5% of the final Contract Sum
Percentage of Retention from Interim Payment Certificate:	10% of each payment
Limit of Retention Money:	5% of Contract Sum as amended
Period of Time for Payment to be made after Certification by the Engineer:	60 Calendar Days
Minimum Amount of Interim Payment Certificate:	JOD 300,000 (Three hundred thousand Jordanian Dinar) for all schools under the Package
Payment for Imported Materials	40% upon receipt of approved bill of lading and another 20% when stored on site to the Engineer's approval
Payment for Local Materials and Equipment	60% and restricted to cement and reinforcing steel when stored on site to the Engineer's approval.

## 2 | Executive Summary

The Ministry of Education represented by the Ministry of Public Works & Housing has received a grant from USAID to finance the construction of:

School for Knowledge Economy Project (SKEP) – Phase III – Package (1)

The package consists of construction of three (3) Schools at different locations in Al-Balqa.

The project consists of construction of new classrooms, computer labs, laboratories, public utilities...etc., and site works for group of schools as shown in the Tender Documents, the Schools are:

### 2.1 Um-Aldananir Basic Mixed School

The project consists of school building of five floors with a total approximate built-up area of 6258 m<sup>2</sup>, in addition guard house, rainwater harvesting tank and other site works as deemed in the drawings and BOQ.

#### Main Elements

Land Area =11709 m <sup>2</sup>			External Works = 5665 m <sup>2</sup>					no. of floors = 5		
Floor	F.F.L	Area (m <sup>2</sup> )	No.of classroom grade (1-3)	No.of classroom grade (4-10)	No . Of KG classroom	Student for each classroom	Student in floor	General Toilets	Mens Toilets	Womens Toilets
<b>Basement</b>	96.9/97.5	1070	-	-	-	-	-	HC TOILET	1	1
<b>Ground</b>	102	1669	-	-	4	24	96	2 KG toilets child care toilet	-	-
<b>First</b>	105.64	1664	12	4	-	36	576	H.c TOILETS	2	2
<b>Second</b>	109.28	1664	-	12	-	36	432	H.C TOILET	-	2
<b>Roof</b>	112.92	90	-	-	-	-	-	-	-	-
<b>External Works</b>	-	5451	-	-	-	-	-	-	-	-
<b>Total</b>		<b>11608</b>		<b>32</b>		<b>-</b>	<b>1104</b>	<b>-</b>	<b>3</b>	<b>5</b>

□ Location Link:

[Um Al Dananir Basic Mixed-Balqa](#)

## 2.2 Al Khansa' Basic Mixed School

The project consists of school building of five floors with a total approximate built-up area of 6432 m<sup>2</sup>, in addition guard house, sewage collection tank, water tank and other site works as deemed in the drawings and BOQ.

### Main Elements

Land Area =9226 m2			External Works = 3802 m2					no. of floor = 5		
Floor	F.F.L	Area (m2)	No.of classroom grade (1-3)	No.of classroom grade (4-10)	No . Of KG classroom	Student for each classroom	Student in floor	General Toilets	Mens Toilets	Womens Toilets
<b>Ground</b>	89.55	1619.11	-	-	4	24	96	General 1 HC toilet and 2*2 KG Toilets with 2 KG HC Toilets	1*2	1*2
<b>First</b>	93.45	1693.35	9	-	-	36	324	1 HC Toilet	1*4	1*6
<b>Second</b>	97.35	1508.29	-	8	-	36	288	1*9 with 1 HC toilets	-	-
<b>Third</b>	101.25	1511.24	-	6	-	36	216	1*7with 1 HC toilets	-	-
<b>Roof</b>	105.15	99.12	-	-	-	-	-	-	-	-
<b>External Works</b>	---	3802	-	-	-	-	-	-	-	-
<b>Total</b>		<b>10233.11</b>		<b>27</b>		<b>-</b>	<b>924</b>	<b>-</b>	<b>6</b>	<b>8</b>

□ Location Link:

[Al Khansa'a Basic Mixed - Balqa](#)



## 2.3 Khadija Bint Khwailed Basic Mixed School

The project consists of school building of four floors with a total approximate built-up area of 5341.18 m<sup>2</sup>, in addition guard house, sewage collection tank, water tank and other site works as deemed in the drawings and BOQ.

### Main Elements

Land Area =17320 m2			External Works = 7013.5 m2					no. of floor = 4		
Floor	F.F.L	Area (m2)	No.of classroom grade (1-3)	No.of classroom grade (4-10)	No . Of KG classroom	Student for each classroom	Student in floor	General Toilets	Mens Toilets	Womens Toilets
Ground	101	2273.07	-	-	4	24	96	General 1 HC toilet and 2*2 KG Toilets with 2 KG HC Toilets	1*2	1*2
First	104.64	1816.25	9	6	-	36	540	1 HC Toilet	1*4	1*6
Second	108.28	1160.75	-	8	-	36	288	1*9 with 1 HC toilets	-	-
Roof	111.77	91.11	-	-	-	-	-	-	-	-
External Works	-	-	-	-	-	-	-	-	-	-
Total		5341.18	27		-	-	924	-	6	8

□ Location Link:

[Khadija Bint Khwailed Basic Mixed - Balqa](#)

### 3 | Summary of Activities

#### 3.1 Um-Aldananir Basic Mixed School

Item No.	Item Description	Qty	Unit
1.1a	Provide complete prefabricated temporary site offices for the Engineer	120	m2
1.1b	Provide furniture and equipment to the site offices	1	L.S
1.1c	Provide all services to site offices	3	month
1.1d	Provide steel fence of 2 m high around construction site	257	LM
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.
2.1.1	<u>DIVISION2-SITE CONSTRUCTION</u>		
2.1	<u>SECTION 02222-Minor Demolition and Remodeling</u>	1	LS
2.1.1	<u>Existing Facilities</u>		
a.	Existing buildings		
b.	Existing Boundary wall		
c.	Existing Fence		
d.	Any other items shown on drawings.		
2.2	<u>SECTION 02240-Geotextile</u>		
2.2.1	supply and install geotextile filters layers under agricultural soil and sand bits.	0	m2
2.3	<u>SECTION 02300-Earthwork</u>		
2.3.1a	General Excavation (Common Excavation) for building and external works	2841.55	m3
2.3.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	6758.66	m3
2.3.2	Imported filling and backfilling Supply and install crushed stone single size aggregate		
a.	for filling and backfilling for building	9575	m3
3.2	<u>SECTION 03300-CAST IN PLACE CONCRETE</u>		
3.2.1	<u>plain concrete grade 15N/mm2</u>		
a.	blinding for foundation,footing,ground beams for school building,guard house,canteen.	357.659	m3
b.	blinding for boundary walls, underground water tank and site works	29.563	m3
3.2.2	<u>plain concrete grade 20N/mm2</u>		
a.	mass concrete	0	m3
3.2.3	<u>Reinforced Concrete grade 30 N/mm2</u>		

a.	for foundations,footings,ground beams for school building, guard house, canteen	2355	m3
d.	for site works	73.93	m3
3.2.4	<u>Reinforced Concrete grade 35 N/mm2</u>		
a.	for walls and columns under slab on grade	358.768	m3
c.	for underground water tank	103.578	m3
3.2.7	extra over for structural fairface for basement walls underground water tank walls.	622.356	m2
3.5	<u>Steel Reinforcement</u>		
3.5.1a	supply,cut,fabricate and install steel bar for school building,guard house,canteen	323.851	ton
c.	for underground water tank	4.17	ton
d.	for site structures	25.455	ton
7.2.1	<u>Supply and apply three perpendicular coats</u>		
a.	for buildings: to all structural elements below slab on grade	5611.81	m2
16.28	<u>Lighting Protection System</u>	0.2	L.S

- ❑ For more details
- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vQxnOToN6TGE-uyEu0vs5p\\_CtQV0E292fbI5Ob7XFGXHFa8rF7V1aH3ifX6T9f2qCMFVzGe\\_buzSD3Gh/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vQxnOToN6TGE-uyEu0vs5p_CtQV0E292fbI5Ob7XFGXHFa8rF7V1aH3ifX6T9f2qCMFVzGe_buzSD3Gh/pubhtml?gid=0&single=true)

## 3.2 Al Khansa' Basic Mixed School

Item No.	Item Description	Qty	Unit
1.1a	Provide complete prefabricated temporary site offices for the Engineer	70	m2
1.1b	Provide furniture and equipment to the site offices	1	L.S
1.1c	Provide all services to site offices	3	month
1.1d	Provide steel fence of 2 m high around construction site	490	LM
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.
2	<u>DIVISION2-SITE CONSTRUCTION</u>		
2.1	<u>SECTION 02240-Geotextile</u>		
2.1.1	supply and install geotexil filters layers under agricultural soil and sand bits.	0	m <sup>2</sup>
2.3	<u>SECTION 02300-Earthwork</u>		
2.3.1a	General Excavation (Common Excavation) for building and external works	61417.15	m3
2.3.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	10281.09	m3
2.3.2.a	Imported Filling and Backfilling	1950	m3

2.5.1.b	200 mm thick, base course layer under external slabs on grade, external stairs and wherever required for site works	28.301	m3
3.1.1	<u>Supply and install expansion joints mineral filler board according to details EXO03 &amp; EXP04 including all necessary preparations and fixing works as per Drawings</u>		
d.	within retaining wall base slab, walls and columns 3cm thickness	26.04	m <sup>2</sup>
3.1.3.a	Supply and install expansion joints Covers according to details EXP03 & EXP04 .Rubber cover for floorings & walls	50.15	m
3.1.4.a	Supply and install 240mm high PVC water stops .For underground water tank	43.2	m
3.1.4.b	For Septic Tank	5.45	m
3.2.1	<u>Plain concrete (grade 15)</u>		
a.	blinding for foundation, footings, ground beams, tie beams for school building, guard house, canteen and wherever required.	196.578	m3
3.2.1.b	Blinding for boundary walls, underground water tank, sewage collection tank and site works.	282.416	m3
3.2.3	<u>Reinforced concrete grade 30</u>		
a.	for foundations, footings, grade beams for school building, guard house, canteen and wherever required	1694	m3
3.2.3.c	for boundary walls including PVC water stops (250mm) and weep holes (uPVC dia 10 cm) stagged as per drawings	1424.821	m3
3.2.4	<u>Reinforced concrete grade 35</u>		
a.	Reinforced concrete grade 35,for walls and columns under slab on grade	67.725	m3
b.	for walls and columns above slab on grade	114.07	m3
c.	for underground water tank	149.891	m3
3.2.5	Reinforced concrete grade 35, for sewage collection tank and wherever required	139.317	m3
3.2.8	Extra over for structural fair face concrete finish for underground water tank walls, Sewage collecting tank and wherever required.	819.962	m3
3.5.1	<u>Supply, cut to size, fabricate, hoist and install deformed high yield steel bar reinforcement of 420 N/mm<sup>2</sup> minimum yield strength</u>		
a.	for school building, guard house, canteen and wherever required	212.295	ton
b.	for boundary walls	156.531	ton
c.	for underground water tank and sewage collection tank.	29.731	ton
7.1.2.a	Supply and install bituminous waterproofing .for underground water tank and sewage collection tank	431.576	m <sup>2</sup>

7.2.1	<u>Supply and apply 4mm torch applied SBS modified bituminous water proofing membrane</u>		
a.	Supply and apply three perpendicular coats cold fluid applied damp proofing,for buildings: to all structural elements below slab on grade.	5006.903	m <sup>2</sup>
b.	for boundary walls: to all structural elements below slab on grade	4674.338	m <sup>2</sup>
d.	Beneath the sewage collecting tank foundation	124	m <sup>2</sup>
16 .27	Supply, install, test and commission lightning protection system according to the latest IEC Standards and as the general requirements of the specifications	1	L.S

- For more details
- [https://docs.google.com/spreadsheets/d/e/2PACX-1vQxnOToN6TGE-uyEu0ys5p\\_CtQV0E292fbi5Ob7XFGXHFa8rF7V1aH3jfX6T9f2qCMFVzGe buzSD3Gh/pubhtml?qid=1133852376&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vQxnOToN6TGE-uyEu0ys5p_CtQV0E292fbi5Ob7XFGXHFa8rF7V1aH3jfX6T9f2qCMFVzGe buzSD3Gh/pubhtml?qid=1133852376&single=true)

### 3.3 Khadija Bint Khwailed Basic Mixed School

Item No.	Item Description	Qty	Unit
1.1a	Provide complete prefabricated temporary site offices for the Engineer	70	m2
1.1b	Provide furniture and equipment to the site offices	1	L.S
1.1c	Provide all services to site offices	3	month
1.1d	Provide steel fence of 2 m high around construction site	369.5	LM
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.
2	<u>DIVISION2-SITE CONSTRUCTION</u>		
2.1	<u>SECTION 02240-Geotextile</u>		
2.1.1	supply and install geotexil filters layers under agricultural soil and sand bits.	0	m <sup>2</sup>
2.3	<u>SECTION 02300-Earthwork</u>		
2.2.1a	General Excavation (Common Excavation) for building and external works	17917.7	m3
2.2.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	5487.26	m3
2.4.1	crushed aggregate base\sub-base Course.		
a.	200mm thick ,base course layer under internal slabs on grade.	369	m <sup>3</sup>
3.2.1	plain concrete grade 15N/mm2		
a.	blinding for foundation,footing,ground beams for school building,guard house,canteen.	296.548	m <sup>3</sup>
b.	blinding for boundary walls,underground water tank and site works.	78.8719	m <sup>3</sup>

3.2.2	<u>plain concrete grade 20M/mm<sup>2</sup></u>		
	mass concrete	7	m <sup>3</sup>
3.2.3	<u>Reinforced concrete grade 30 N/mm<sup>2</sup></u>		
a.	for foundation, footing, grade beams for school building, guard house, canteen	1417.55	m <sup>3</sup>
c.	for boundary walls including pvc water stops 250mm and weep holes.	304.075	m <sup>3</sup>
d.	for site structures	0	m <sup>3</sup>
3.2.4	<u>Reinforced concrete grade 35 N/mm<sup>2</sup></u>		
a.	for walls and columns under slab on grade	151.24	m <sup>3</sup>
b.	for walls and columns above slab on grade	53.2283	m <sup>3</sup>
3.2.5	reinforced concrete grade 35N/mm <sup>2</sup>		
a.	for sewage tank and where ever requires	94.57	m <sup>3</sup>
3.2.6	reinforced concrete grade 20N/mm <sup>2</sup>		
a.	for slab on grade building, guard house and canteen.	331.5	m <sup>3</sup>
3.5	<u>SECTION 03200-CONCRETE REINFORCED</u>		
3.5.1	supply, cut, fabricate and install steel bar reinforcement of 420 N/mm <sup>2</sup>		
a.	for school building, guard house, canteen	231.038	ton
b.	for boundary walls	60.195	ton
c.	for underground water tank and sewage collection	15	ton
7.2.1	Supply and apply three perpendicular coats cold fluid		
a.	for buildings: to all structural elements below slab on grade	5761.27	m <sup>2</sup>
b.	for boundary walls: to all structural elements below natural ground or finish level	1506.02	m <sup>2</sup>
e.	beneath the sewage collecting tank foundation	417.3	m <sup>2</sup>
16.29	<u>Lighting Protection System</u>	0.2	L.S

- ❑ For more details
- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vQxnOToN6TGE-uyEu0ys5p\\_CtQV0E292fbi5Ob7XFGXHFa8f7V1aH3ifX6T9f2qCMfVzGe buzSD3Gh/pubhtml?gid=1937730885&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vQxnOToN6TGE-uyEu0ys5p_CtQV0E292fbi5Ob7XFGXHFa8f7V1aH3ifX6T9f2qCMfVzGe buzSD3Gh/pubhtml?gid=1937730885&single=true)

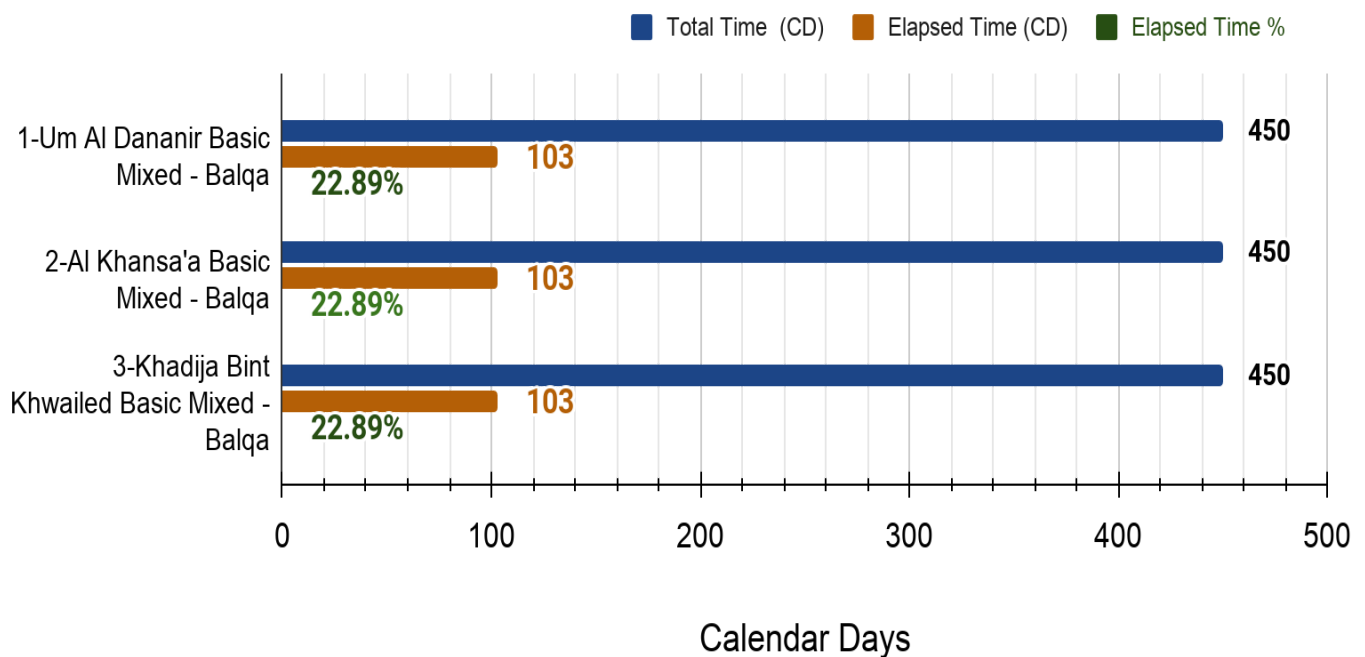
### 3.4 Mobilization Tracking Log

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vRXe3eJ\\_5G1Pnqn6l45sefitgfoHRm0o1x61lgFutZrXpjlvtvfj59pGEs hgFjxrmwnNLvd5rAC51YMF/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vRXe3eJ_5G1Pnqn6l45sefitgfoHRm0o1x61lgFutZrXpjlvtvfj59pGEs hgFjxrmwnNLvd5rAC51YMF/pubhtml?gid=0&single=true)

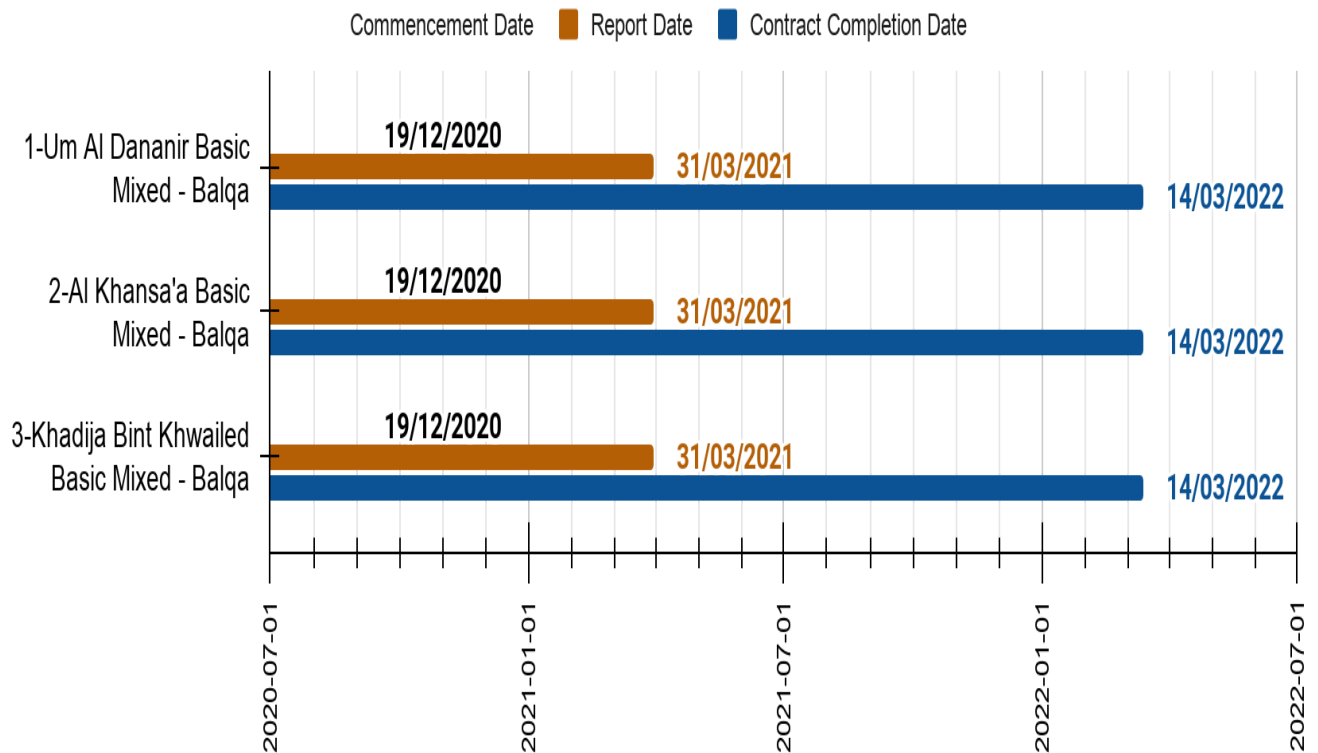
## 4 | Project Time and Duration

PKG 1 Report Date	2021-03-31				
Site Name	Contract Duration (CD)	Time Extension (CD)	Total Time (CD)	Elapsed Time (CD)	Elapsed Time %
1-Um Al Dananir Basic Mixed - Balqa	450	0	450	103	22.89%
2-Al Khansa'a Basic Mixed - Balqa	450	0	450	103	22.89%
3-Khadija Bint Khwailed Basic Mixed - Balqa	450	0	450	103	22.89%

### SKEP III PKG 1 Time Chart



Site Name	Commencement Date	Report Date	Contract Completion Date
1-Um Al Dananir Basic Mixed - Balqa	2020-12-19	2021-03-31	2022-03-14
2-AI Khansa'a Basic Mixed - Balqa	2020-12-19	2021-03-31	2022-03-14
3-Khadija Bint Khwailed Basic Mixed - Balqa	2020-12-19	2021-03-31	2022-03-14





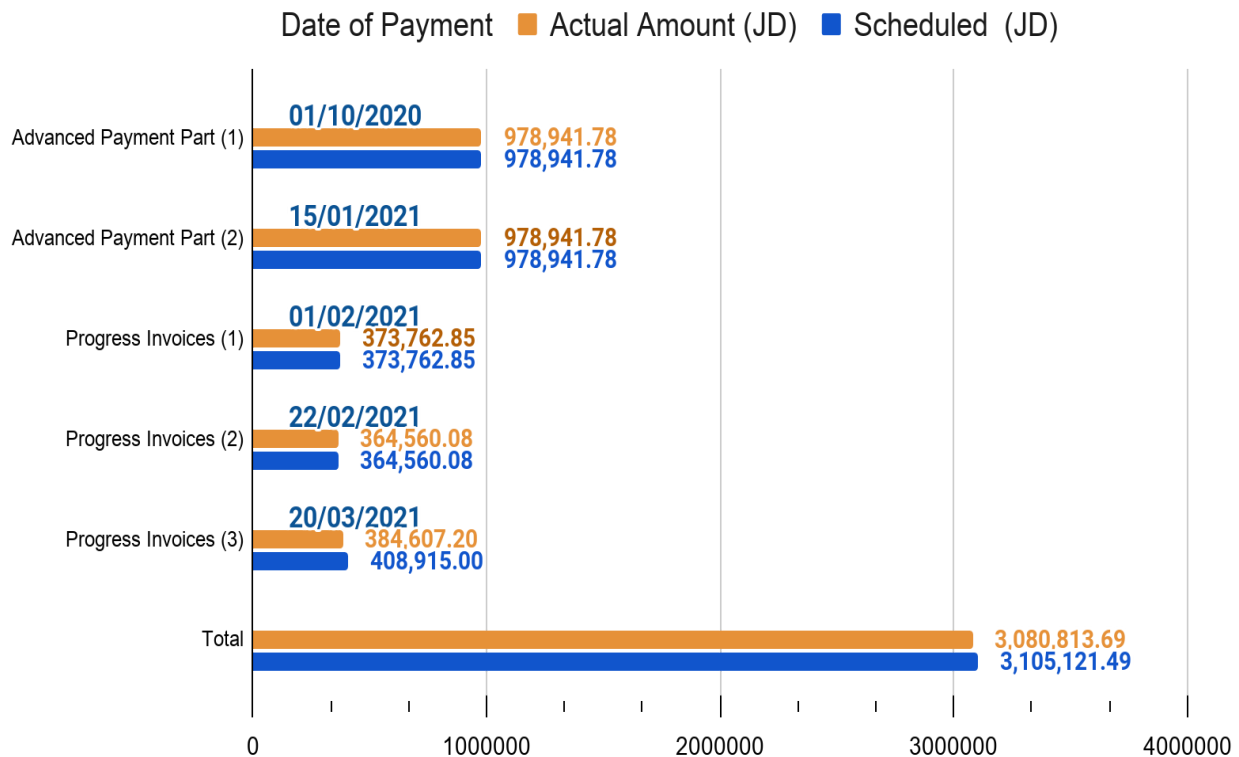
## 5 | Project Contract & V.O's

Package 1 Contract & V.O's									
School Name	Contract Value JD		Provisional Sums JD		General Requirements JD		V.O.		Total Contract Value JD
	Original	After 15 % Deduction	Geotechnical Tests	Conveying System	Value	After 6% Deduction			
Khadija Bint Khwailed Basic Mixed School	3,001,919.70	2,821,804.52	11,000.00	25,000.00	55,446.00	52,119.24		0.00	2,909,923.76
Um Al Dananir Basic Mixed School	3,260,798.90	3,065,150.97	11,000.00	25,000.00	62,136.00	58,407.84		0.00	3,159,558.81
Al Khansa' Basic Mixed School-Al Balqa	3,758,331.10	3,532,831.23	11,000.00	25,000.00	54,366.00	51,104.04		0.00	3,619,935.27
<b>Total</b>	10,021,049.7 0	9,419,786.72	108,000.00		108,000.00	161,631.12		0.00	9,689,417.84
Provisional sum (Utilities)									100,000.00
<b>Total Amount</b>									<b>9,789,417.84</b>

## 6 | Cash Flow

Package 1 Cash Flow			
Payment	Date of Payment	Actual Amount (JD)	Scheduled (JD)
Advanced Payment Part (1)	01/10/2020	978,941.78	978,941.78
Advanced Payment Part (2)	15/01/2021	978,941.78	978,941.78
Progress Invoices (1)	01/02/2021	373,762.85	373,762.85
Progress Invoices (2)	22/02/2021	364,560.08	364,560.08
Progress Invoices (3)	20/03/2021	384,607.20	408,915.00
<b>Total</b>		<b>3,080,813.69</b>	<b>3,105,121.49</b>

### Package 1- Cash Flow

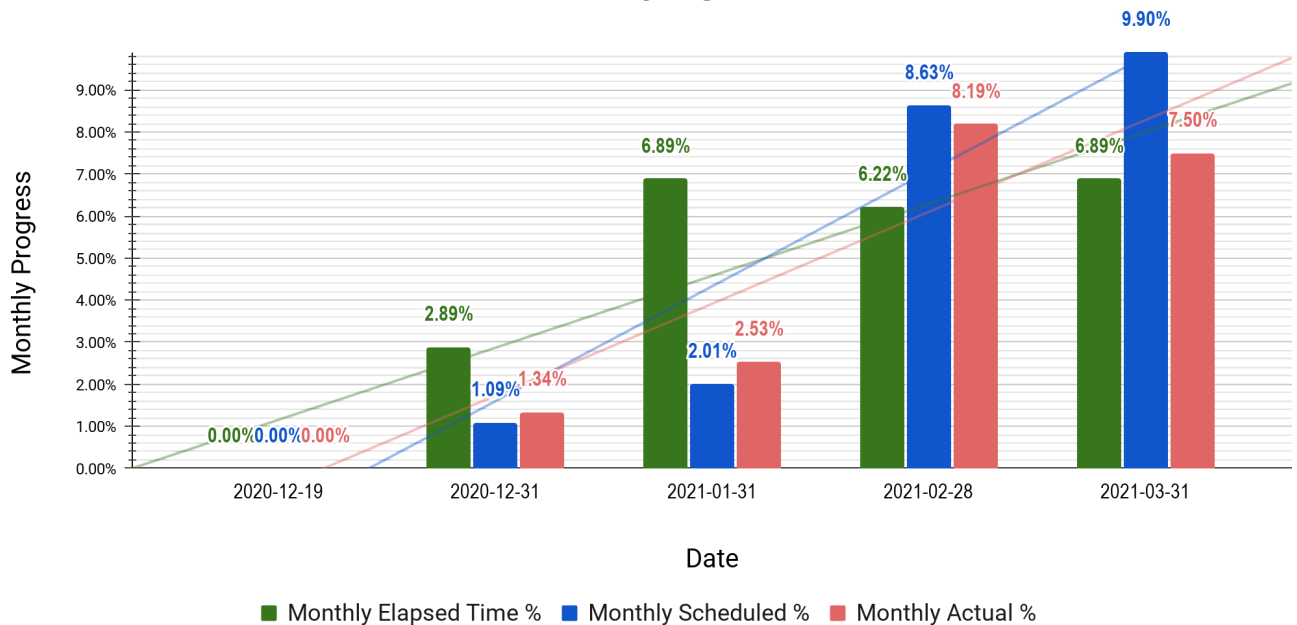


## 7 | Progress

### 7.1 Average Progress

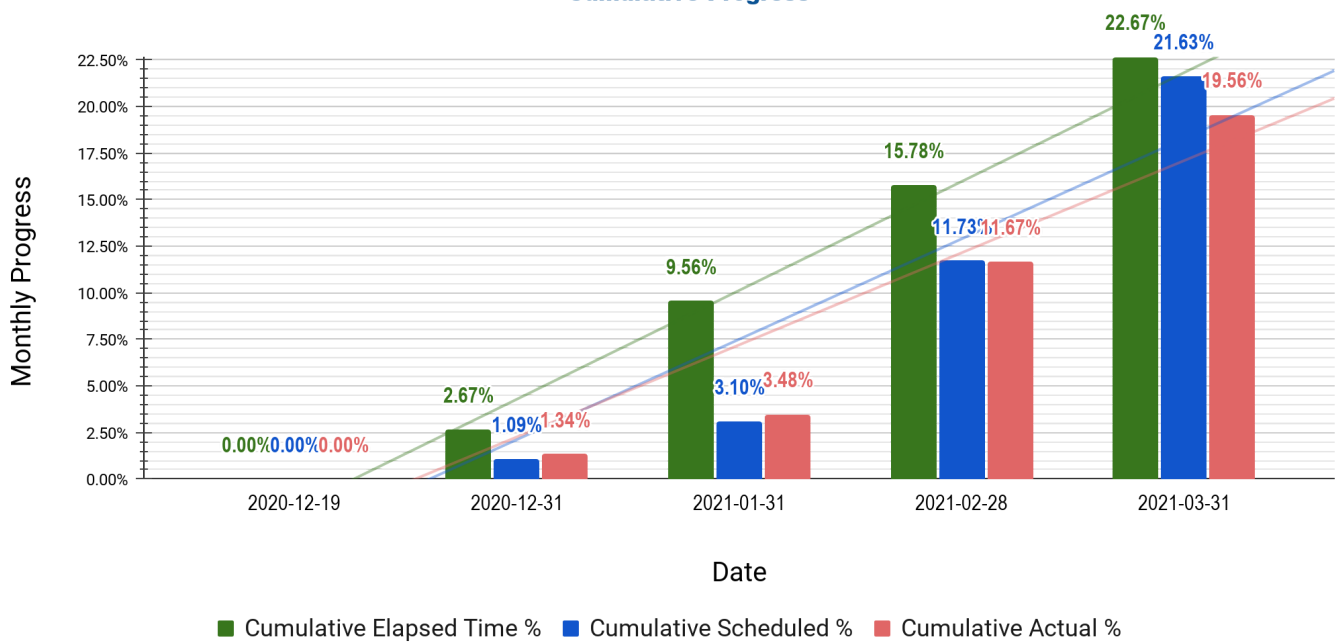
Package 1 Monthly Progress			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.89%	1.09%	1.34%
2021-01-31	6.89%	2.01%	2.53%
2021-02-28	6.22%	8.63%	8.19%
2021-03-31	6.89%	9.90%	7.50%
2021-04-30	6.67%	4.12%	
2021-05-31	6.89%	4.43%	

**Package 1**  
**Monthly Progress**



Package 1 Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	1.09%	1.34%
2021-01-31	9.56%	3.10%	3.48%
2021-02-28	15.78%	11.73%	11.67%
2021-03-31	22.67%	21.63%	19.56%
2021-04-30	29.33%	25.75%	
2021-05-31	36.22%	30.17%	

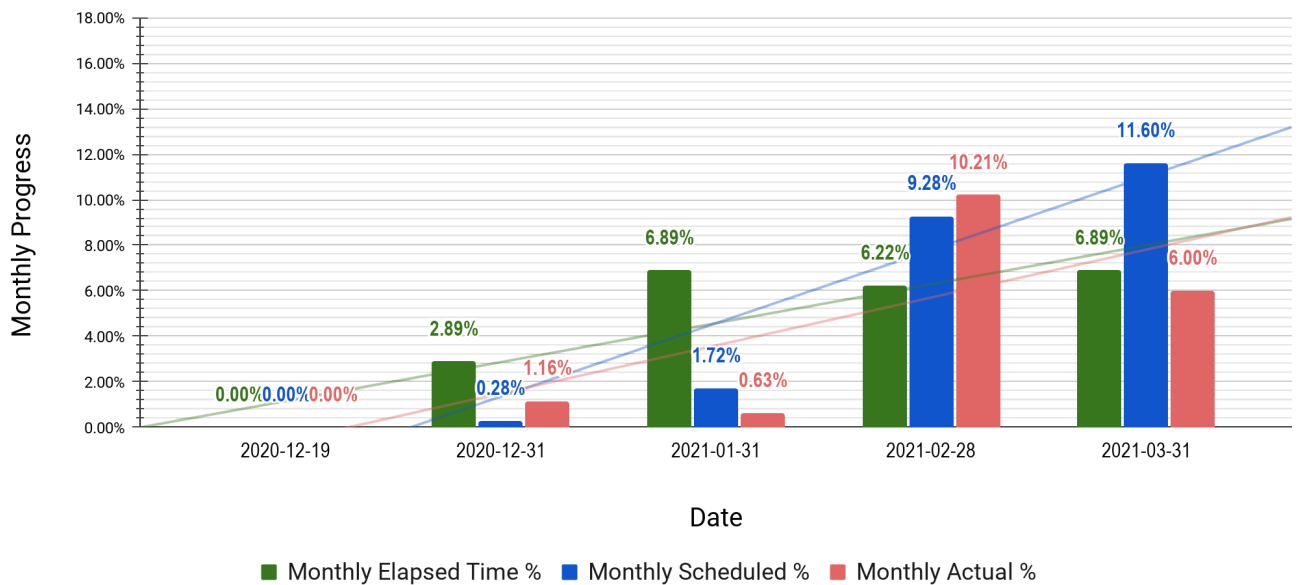
**Package 1**  
 Cumulative Progress



## 7.2 Um Al Dananir Basic Mixed School - Balqa

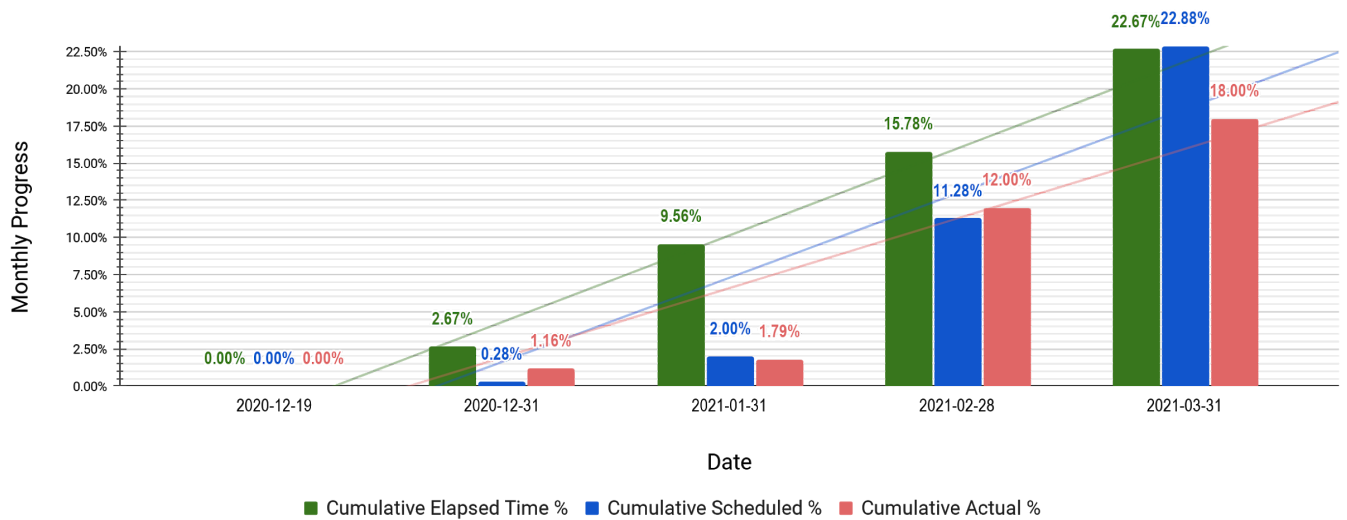
Package 1 Um Al Dananir Basic Mixed - Balqa			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.89%	0.28%	1.16%
2021-01-31	6.89%	1.72%	0.63%
2021-02-28	6.22%	9.28%	10.21%
2021-03-31	6.89%	11.60%	6.00%
<b>2021-04-30</b>	<b>6.67%</b>	<b>5.10%</b>	

**Package 1 Um Al Dananir Basic Mixed - Balqa**  
**Monthly Progress**



Package 1 Um Al Dananir Basic Mixed - Balqa			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	0.28%	1.16%
2021-01-31	9.56%	2.00%	1.79%
2021-02-28	15.78%	11.28%	12.00%
2021-03-31	22.67%	22.88%	18.00%
2021-04-30	29.33%	27.98%	
2021-05-31	36.22%	33.52%	

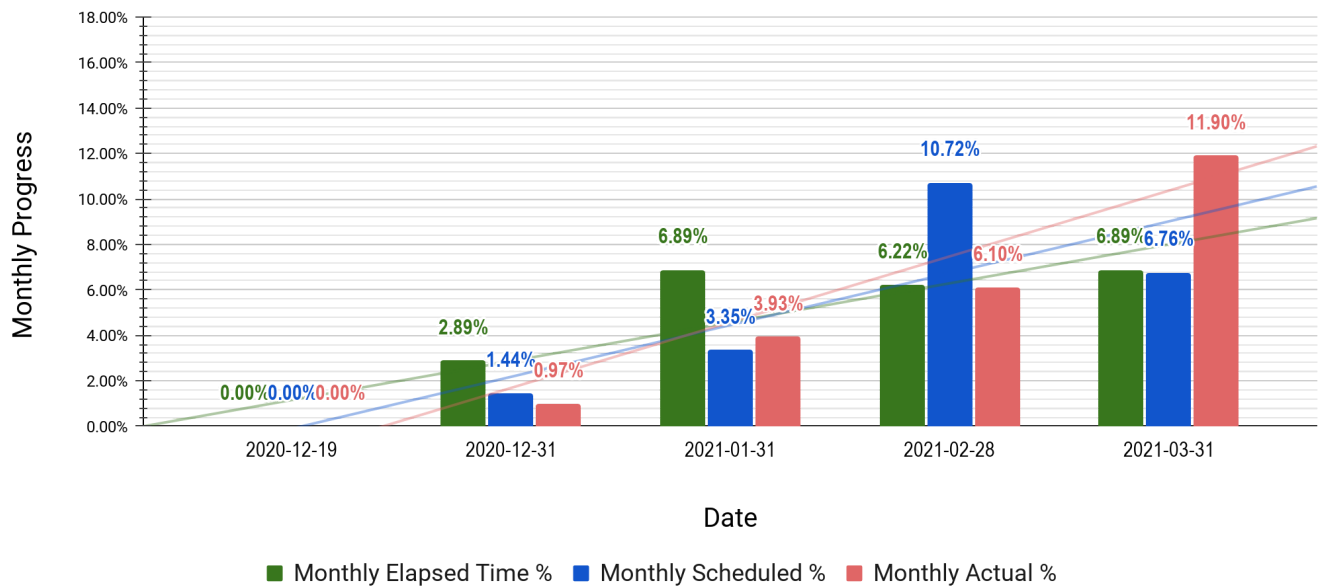
**Package 1 Um Al Dananir Basic Mixed - Balqa**  
**Cumulative Progress**



### 7.3 Al Khansa'a Basic Mixed School - Balqa

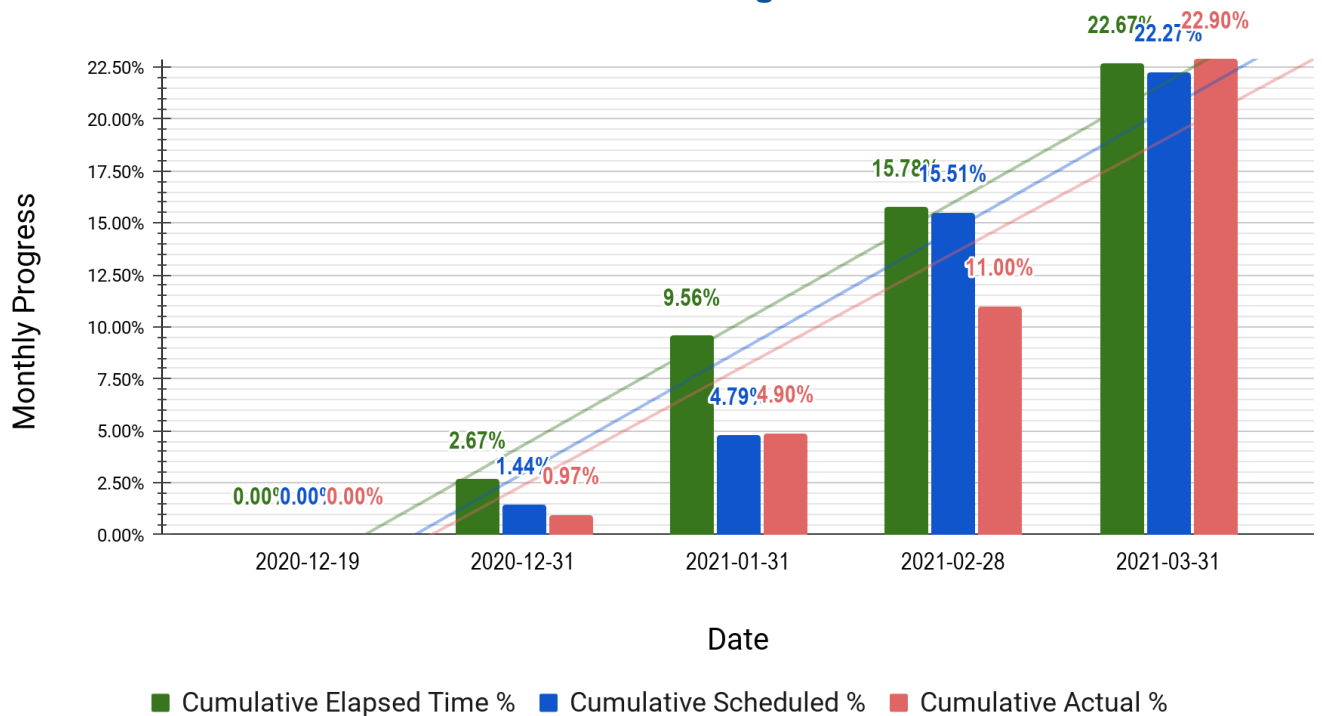
Package 1 Al Khansa'a Basic Mixed - Balqa			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.89%	1.44%	0.97%
2021-01-31	6.89%	3.35%	3.93%
2021-02-28	6.22%	10.72%	6.10%
2021-03-31	6.89%	6.76%	11.90%
2021-04-30	6.67%	1.28%	

#### Package 1 Al Khansa'a Basic Mixed - Balqa Monthly Progress



Package 1 Al Khansa'a Basic Mixed - Balqa			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	1.44%	0.97%
2021-01-31	9.56%	4.79%	4.90%
2021-02-28	15.78%	15.51%	11.00%
2021-03-31	22.67%	22.27%	22.90%
2021-04-30	29.33%	23.55%	
2021-05-31	36.22%	28.18%	

**Package 1 Al Khansa'a Basic Mixed - Balqa**  
**Cumulative Progress**



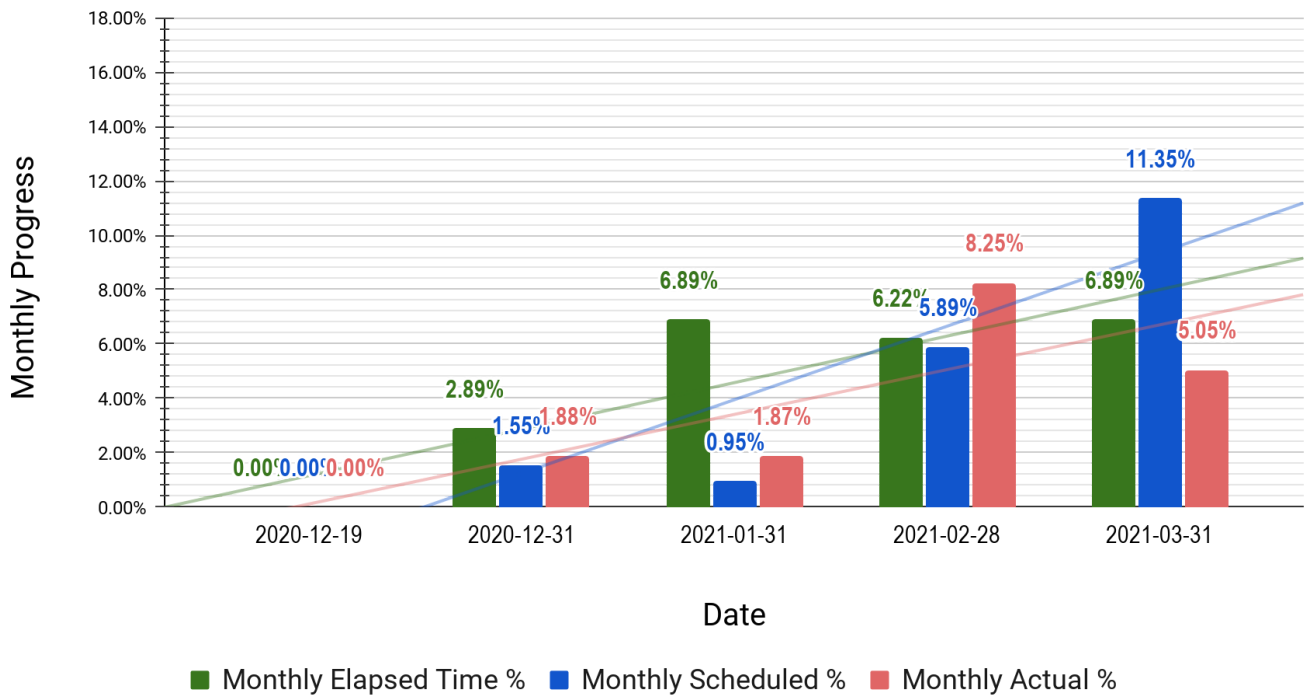


## 7.4 Khadija Bint Khwailed Basic Mixed School- Balqa

Package 1 Khadija Bint Khwailed Basic Mixed - Balqa			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.89%	1.55%	1.88%
2021-01-31	6.89%	0.95%	1.87%
2021-02-28	6.22%	5.89%	8.25%
2021-03-31	6.89%	11.35%	5.05%
2021-04-30	6.67%	5.97%	

### Package 1 Khadija Bint Khwailed Basic Mixed - Balqa

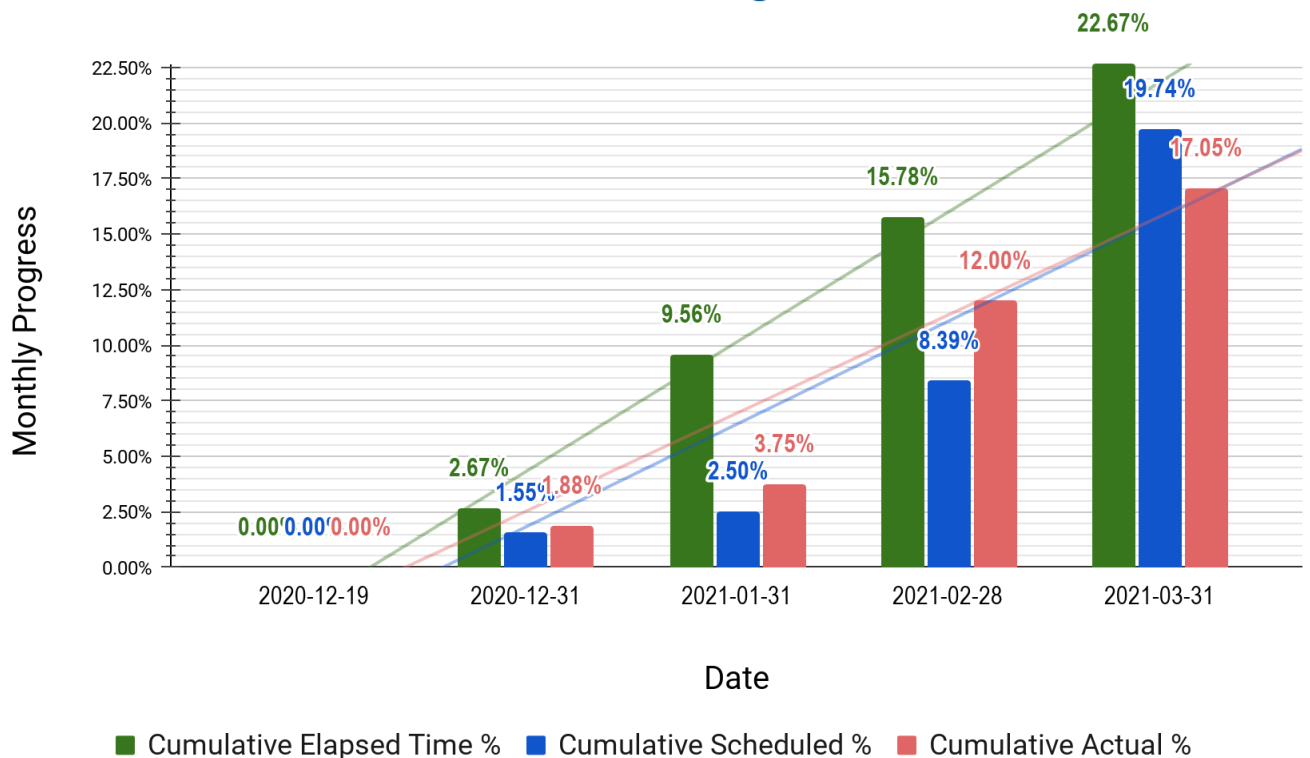
#### Monthly Progress



Package 1 Khadija Bint Khwailed Basic Mixed - Balqa			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	1.55%	1.88%
2021-01-31	9.56%	2.50%	3.75%
2021-02-28	15.78%	8.39%	12.00%
2021-03-31	22.67%	19.74%	17.05%
2021-04-30	29.33%	25.71%	
2021-05-31	36.22%	28.82%	

**Package 1 Khadija Bint Khwailed Basic Mixed - Balqa**

**Cumulative Progress**



## 7.5 Engineer comments on work progress:

### A. Average for the three schools:

The cumulative progress -as average- for the three schools at the end of this month:

Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2021-03-31	22.67%	21.63%	19.56%

The difference Between Scheduled and Actual is (- 2.05%)

### B. Um Al Dananir Basic Mixed - Balqa :

The cumulative progress -as average- for this site at the end of this month:

Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2021-03-31	22.67%	22.88%	18.00%

The difference Between Scheduled and Actual is (- 4.00%)

### C. Al Khansa'a Basic Mixed - Balqa:

The cumulative progress -as average- for this site at the end of this month:

Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2021-03-31	22.67%	22.27%	22.90%

The difference Between Scheduled and Actual is (+00.63%)

**D. Khadija Bint Khwailed Basic Mixed - Balqa:**

The cumulative progress -as average- for this site at the end of this month:

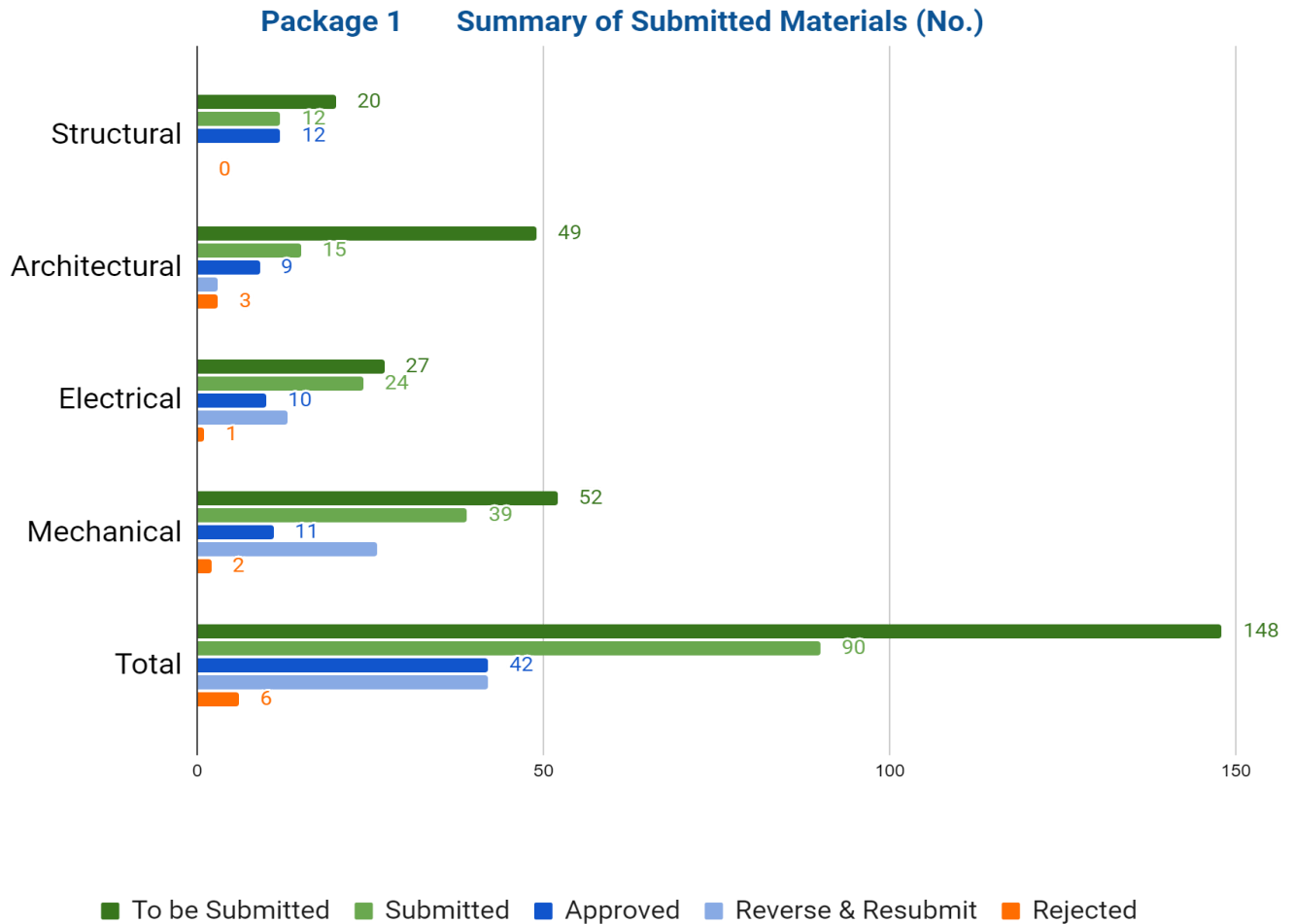
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2021-03-31	22.67%	19.74%	17.05%

The difference Between Scheduled and Actual is (- 2.69%)

In accordance with the above, the contractor will be drawn to override the delay at the end of this month, to approach the cumulative progress scheduled at the end of next month.

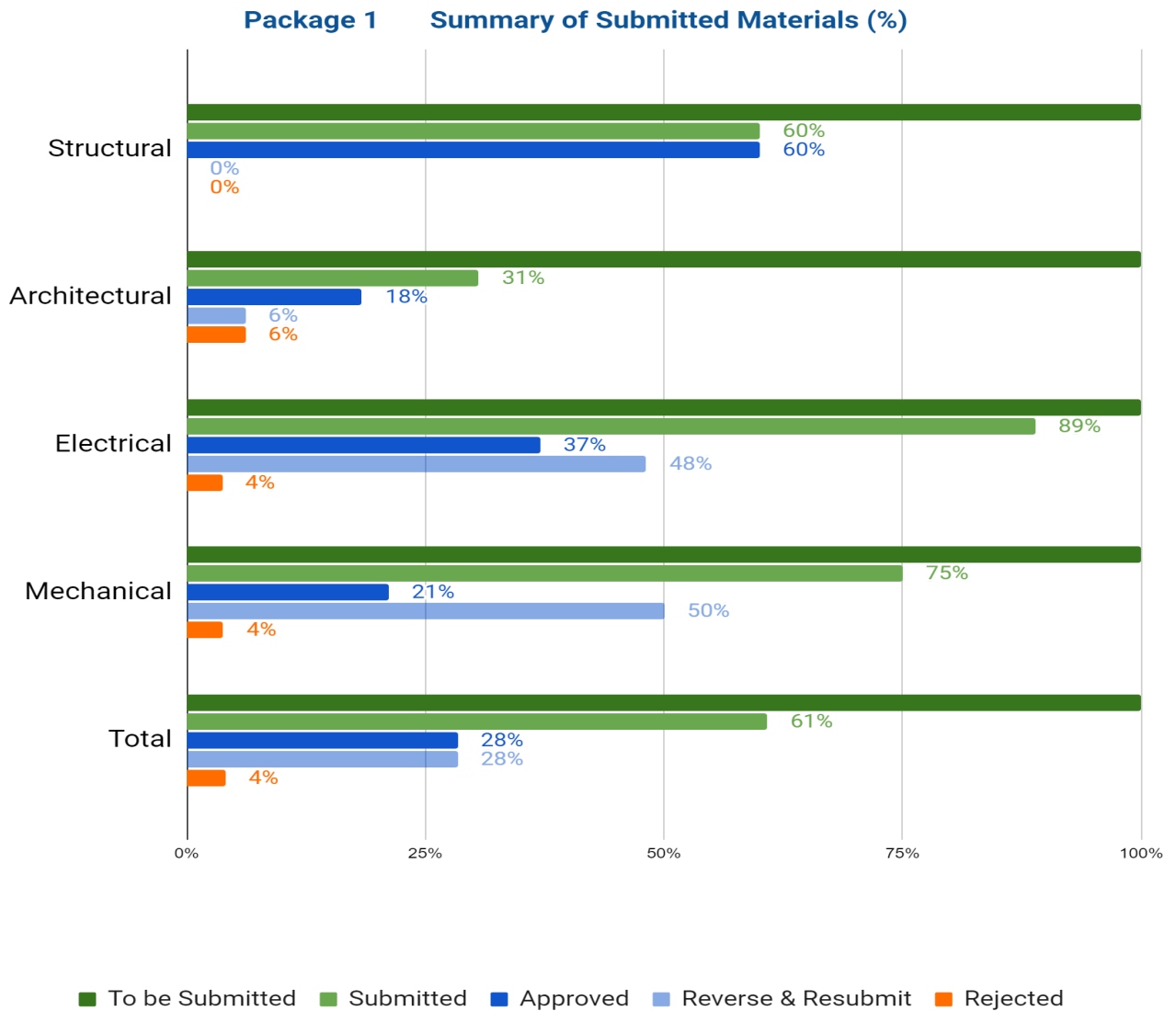
## 8 Submitted Materials

### 8.1 Summary of Submitted Materials



Package 1 Summary of Submitted Materials No.

Item	To be Submitted	Submitted	Approved	Reverse & Resubmit	Rejected
Structural	20	12	12	0	0
Architectural	49	15	9	3	3
Electrical	27	24	10	13	1
Mechanical	52	39	11	26	2
Total	148	90	42	42	6



**Package 1 Summary of Submitted Materials %**

Item	To be Submitted	Submitted	Approved	Reverse & Resubmit	Rejected
Structural	100%	60%	60%	0%	0%
Architectural	100%	31%	18%	6%	6%
Electrical	100%	89%	37%	48%	4%
Mechanical	100%	75%	21%	50%	4%
Total	100%	61%	28%	28%	4%

## 8.2 Architectural Shop Drawings & Submittal Tracking LOG

### A- Architectural Shop Drawings Tracking LOG

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vRnN-PBGqxaKn6qB-z2MyOqZM9a6tWw8mvfQT4ehS4lvZKXknDIjYR4x0qAscLLK3axXu7scEWZ-nAzq/pubhtml?gid=0&single=true>

### B- Architectural Materials Submittal Tracking LOG

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vRnN-PBGqxaKn6qB-z2MyOqZM9a6tWw8mvfQT4ehS4lvZKXknDIjYR4x0qAscLLK3axXu7scEWZ-nAzq/pubhtml?gid=1188985928&single=true>

### C- Architectural Materials Submittal Vendor List

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vSyhAA3bCWnsSAWnVmnKcoJklucKcVog\\_KjfaBwNcaFIYxOeCgozc0w0d3zDgyFCnA9zjvndmU4O6fO/pubhtml?gid=1113364261&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vSyhAA3bCWnsSAWnVmnKcoJklucKcVog_KjfaBwNcaFIYxOeCgozc0w0d3zDgyFCnA9zjvndmU4O6fO/pubhtml?gid=1113364261&single=true)

## 8.3 Civil Shop Drawings & Submittal Tracking LOG

### A- Civil Shop Drawings Tracking LOG

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vRnN-PBGqxaKn6qB-z2MyOqZM9a6tWw8mvfQT4ehS4lvZKXknDIjYR4x0qAscLLK3axXu7scEWZ-nAzq/pubhtml?gid=327778555&single=true>

### B- Civil Materials Submittal Tracking LOG

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vRnN-PBGqxaKn6qB-z2MyOqZM9a6tWw8mvfQT4ehS4lvZKXknDIjYR4x0qAscLLK3axXu7scEWZ-nAzq/pubhtml?gid=1353869508&single=true>

## 8.4 Electrical Shop Drawings & Submittal Tracking LOG

### A- Electrical Shop Drawings Tracking LOG

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vRnN-PBGqxaKn6qB-z2MyOqZM9a6tWw8mvfQT4ehS4lvZKXknDIjYR4x0qAscLLK3axXu7scEWZ-nAzq/pubhtml?gid=1005777479&single=true>

## B- Electrical Materials Submittal Tracking LOG

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vRnN-PBGqxaKn6qB-z2MyOqZM9a6tWw8mvfOT4ehS4lvZKXknDIjYR4x0qAscLLK3axXu7scEWZ-nAzq/pubhtml?gid=2123626245&single=true>

## C- Electrical Materials Submittal Vendor List

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vSyh-AA3bCWnsSAWnVmnKcoJkluCKCvOg\\_KjfaBwNCaFIYxOeCgozc0w0d3zDgyFCnA9zivndmU4O6fQ/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vSyh-AA3bCWnsSAWnVmnKcoJkluCKCvOg_KjfaBwNCaFIYxOeCgozc0w0d3zDgyFCnA9zivndmU4O6fQ/pubhtml?gid=0&single=true)

## 8.5 Mechanical Shop Drawings & Submittal Tracking LOG

### A- Mechanical Shop Drawings Tracking LOG

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vRnN-PBGqxaKn6qB-z2MyOqZM9a6tWw8mvfOT4ehS4lvZKXknDIjYR4x0qAscLLK3axXu7scEWZ-nAzq/pubhtml?gid=1336344084&single=true>

### B- Mechanical Materials Submittal Tracking LOG

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vRnN-PBGqxaKn6qB-z2MyOqZM9a6tWw8mvfOT4ehS4lvZKXknDIjYR4x0qAscLLK3axXu7scEWZ-nAzq/pubhtml?gid=564087841&single=true>

### C- Mechanical Materials Submittal Vendor List

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vSyh-AA3bCWnsSAWnVmnKcoJkluCKCvOg\\_KjfaBwNCaFIYxOeCgozc0w0d3zDgyFCnA9zivndmU4O6fQ/pubhtml?gid=118517261&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vSyh-AA3bCWnsSAWnVmnKcoJkluCKCvOg_KjfaBwNCaFIYxOeCgozc0w0d3zDgyFCnA9zivndmU4O6fQ/pubhtml?gid=118517261&single=true)



## 9 | Correspondence Tracking Logs

### 9.1 Incoming Letters LOG Sheet

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vQEt\\_b9aPvoOPmEnaBknwhys0l7Np7NZgJRcaW6E-cj1HtPpPtX4\\_GAqFhYmlvzeFPdHYOh6AtjGr\\_BTH/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vQEt_b9aPvoOPmEnaBknwhys0l7Np7NZgJRcaW6E-cj1HtPpPtX4_GAqFhYmlvzeFPdHYOh6AtjGr_BTH/pubhtml?gid=0&single=true)

### 9.2 Outgoing Letters LOG Sheet

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vQEt\\_b9aPvoOPmEnaBknwhys0l7Np7NZgJRcaW6E-cj1HtPpPtX4\\_GAqFhYmlvzeFPdHYOh6AtjGr\\_BTH/pubhtml?gid=952449848&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vQEt_b9aPvoOPmEnaBknwhys0l7Np7NZgJRcaW6E-cj1HtPpPtX4_GAqFhYmlvzeFPdHYOh6AtjGr_BTH/pubhtml?gid=952449848&single=true)

## 10 | Non-conformance Report Tracking Log (HSE)

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vQF\\_G8dLLzqy0Dy-IA5FPK2TGtrvBMxdr32usQEx8oGD1B94tO\\_s\\_QuialtClpNmYPn5rcGZyVeJHXRGc/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vQF_G8dLLzqy0Dy-IA5FPK2TGtrvBMxdr32usQEx8oGD1B94tO_s_QuialtClpNmYPn5rcGZyVeJHXRGc/pubhtml?gid=0&single=true)

## 11 | Request For Information Tracking Logs

### 11.1 RFIs-Designer

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vQAmJmU4qbbvStDS2bh6T\\_nxCXuToOD0lrcpck6YqdwtkWgDNzL4rx2XCFr78eq5gXtYBB558O8l-/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vQAmJmU4qbbvStDS2bh6T_nxCXuToOD0lrcpck6YqdwtkWgDNzL4rx2XCFr78eq5gXtYBB558O8l-/pubhtml?gid=0&single=true)

### 11.2 RFIs-Contractor

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vQ1YEmJ5JZEIpdVVSqg7b0LWlq82FBlwvf8JltgeFgf\\_rMtjXxSStK8JQmFsV84rhrINBaltqo\\_gW3/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vQ1YEmJ5JZEIpdVVSqg7b0LWlq82FBlwvf8JltgeFgf_rMtjXxSStK8JQmFsV84rhrINBaltqo_gW3/pubhtml?gid=0&single=true)

## 12 | Site problems and Solutions

### 12.1 Um-Aldananir Basic Mixed School- Balqa

- A. Eastern existing street is encroaching into our project land and this will affect the construction of the following:
- a. - The eastern boundary wall
  - b. - The harvesting rain water tank.
  - c. - Transformer location
- B. Residential building on the plot 416 is at our plot boundary.

Letters were sent to MPWH in this regard, and MPWH addressed both MOE and MOL.

Everything is awaiting the Employer's instructions.

### 12.2 Al Khansa' Basic Mixed School- Balqa

Soil investigations have been done and the report issued. The designer decided that there is no need for a redesign.

### 12.3 Khadija Bint Khwailed Basic Mixed School- - Balqa

Boundary wall for the neighbor. The level of the foundation of this wall is higher than school finish floor level by 2 to 2.6 m. A letter was sent to MPWH regarding this matter.

Awaiting the Employer's instructions.

## 13 | Meetings and Site Visits

### 13.1 Coordination & Progress Meetings

No.	Date	Location	Parties	Agenda
1	23/03/2021	Wahib Medanat Consultant Engineers Office	<ul style="list-style-type: none"> <li>• MPWH</li> <li>• USAID</li> <li>• Trigon</li> <li>• Wahib Medanat</li> <li>• § Derar Saraireh &amp; Contr.</li> </ul>	Monthly progress Meeting: <ul style="list-style-type: none"> <li>• Health, Safety and Environment.</li> <li>• Site borders and boundary walls/ Obstacles</li> <li>• Progress review in general</li> <li>• Construction Schedule and Update- using the construction schedule, review and projection/ the Contractor.</li> <li>• Quality Control</li> <li>• Status of Submittals</li> </ul>

### 13.2 Site Visits

No.	Date	Location	Parties	Agenda
1	10/03/2021	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia	<ul style="list-style-type: none"> <li>• TRIGON, Eng. Odai Tawalbeh, Eng. Adnan</li> <li>• Wahib Medanat</li> <li>• Dijlah Est. Const. Contr.</li> </ul>	<ul style="list-style-type: none"> <li>• Eng. Odai discussed site housekeeping, health and safety measures taken.</li> <li>• Eng. Odai Stressed on abiding by Covid-19 protocol.</li> <li>• He also recommended using a protection system for the Septic tank excavations sides, and gave some notes on the labors accommodation.</li> <li>• Progress and schedule: the site engineer presented the actual progress and the planned progress to date.</li> <li>• Site documentation by both Consultant and Contractor was well managed.</li> </ul>

2	10/03/2021	Al Khansa' Basic Mixed School- Balqa	<ul style="list-style-type: none"> <li>● TRIGON, Eng. Odai Tawalbeh, Eng. Adnan</li> <li>● Wahib Medanat</li> <li>● Dijlah Est. Const. Contr.</li> </ul>	<ul style="list-style-type: none"> <li>● Eng. Odai discussed site housekeeping, health and safety measures taken.</li> <li>● Eng. Odai Stressed on abiding by Covid-19 protocol.</li> <li>● Eng. Odai recommended using a protection system for the excavation sides to strengthen the barriers adjacent to deep excavations.</li> <li>● Progress and schedule: the site engineer presented the actual progress and the planned progress to date.</li> <li>● Site documentation by both Consultant and Contractor was well managed.</li> </ul>
3	24/03/2021	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia	<ul style="list-style-type: none"> <li>● TRIGON, Eng. Odai Tawalbeh, Eng. Abdil-Aziz</li> <li>● Wahib Medanat</li> <li>● Dijlah Est. Const. Contr.</li> </ul>	<ul style="list-style-type: none"> <li>● Checking quality of work done at the site and its compliance with the contract's specifications and design drawings.</li> <li>● Pointing out Health, safety and environment issues, where Eng. Odai noticed an overall improvement.</li> <li>● Discussing the encroaching neighbors' wall status and the solutions at hand.</li> </ul>
4	24/03/2021	Al Khansa' Basic Mixed School- Balqa	<ul style="list-style-type: none"> <li>● TRIGON, Eng. Odai Tawalbeh, Eng. Abdil-Aziz</li> <li>● Wahib Medanat</li> <li>● Dijlah Est. Const. Contr.</li> </ul>	<ul style="list-style-type: none"> <li>● Eng. Odai discussed housekeeping, health and safety measures taken at the site and their compliance with general safety rules and Covid-19 protocol.</li> <li>● Discussing the shoring system and the Retaining wall of the main building.</li> <li>● Inspection of work quality.</li> </ul>

5	28/03/2021	Um Al Dananir Basic Mixed School- Balqa	<ul style="list-style-type: none"> <li>• TRIGON, Eng. Osama Obaid, Eng. William Baker, and Eng. Talid Hamdan</li> <li>• Wahib Medanat</li> <li>• Dijlah Est. Const. Contr.</li> </ul>	<ul style="list-style-type: none"> <li>• At the school entrance and before proceeding with the site tour the visitors have been given instructions they need to be aware of.</li> <li>• Checking the progress of work at the site such as; casting, insulation and other activities.</li> <li>• Following up the quality of work done.</li> <li>• Discussing the obstacles facing construction that can be summarized in two main issues:                         <ul style="list-style-type: none"> <li>• The south-west neighbor's wall encroaching on the construction site.</li> <li>• The eastern street encroaching on the project land.</li> </ul> </li> <li>• Trigon team also reviewed submitted shop-drawings, correspondences, and site documents.</li> </ul>
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### 13.3 Regular Monthly Site Visits (Home Office Support)

1	14/03/2021	Um Al Dananir Basic Mixed School- Balqa	Engineer rep.	<ul style="list-style-type: none"> <li>• Follow up the plot boundary for the school (Adjoining Street and Neighbor's Wall)</li> <li>• Follow up work progress and concrete repair.</li> <li>• Following up waterproofing and protection boards fixing for footing, walls and columns' necks.</li> <li>• Follow up steel fixing and formworks for the basement.</li> <li>• Advising on general safety and housekeeping</li> </ul>
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2	18/03/2021	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia	Engineer rep.	<ul style="list-style-type: none"> <li>● Follow up the back-filling works in the main building and discussing filling material's test.</li> <li>● Discussing the situation of the encroaching neighbor's wall, instructing the contractor to execute all boundary walls, and postponing the portion where obstacles exist.</li> <li>● Following up the recent activates (Septic tank foundation reinforcement, boundary walls foundation reinforcement works, and boundary walls formworks).</li> <li>● § Advising on general safety and housekeeping.</li> </ul>
3	18/03/2021	Al Khansa' Basic Mixed School- Balqa	Engineer rep.	<ul style="list-style-type: none"> <li>● Discussing the situation of excavation sides, and the necessity of providing temporary shoring system or a protective system to keep the site safe.</li> <li>● Following up the reinforcement steel fixing for school foundations at zones B and C.</li> <li>● Inspecting works done at zone A of school building (Walls and columns steel fixing and shuttering)</li> <li>● Following up the works at septic tank (Walls steel fixing).</li> <li>● Advising on general safety and housekeeping.</li> </ul>

March Monthly Progress Meeting Mar 23, 2021– Wahib Medanat Office (Virtual)  
(Refer to 13.1 Coordination & Progress Meetings Table)

## Minutes of Meeting

### Subject: Monthly Progress Meeting – SKEP III

**Location:** Zoom Meeting  
**Date:** March 23, 2021  
**Time:** 10:00  
**Present:**

1. Eng. Lana Al Rajii, DBSM, MPWH
2. Eng. Ola Nababteh, Engineer at IFP, MPWH
3. Eng. Tarek Rashdan, PMS, USAID
4. Eng. Osama Obaid, SCM, CMTO
5. Eng. Maysoon Al Hiyari, SGL, CMTO
6. Eng. Wahib Medanat, General Manager, Medanat
7. Eng. Suhair Amarin, Project Director, Medanat
8. Eng. Natheer Amarin, Project Manager, Medanat
9. Eng. Sawsan Al-Yousef, Resident Engineer, Medanat
10. Eng. Mahmoud Moghanam, Resident Engineer, Medanat
11. Mr. Muhannad Abu Rsheid, General Manager, Dijlah
12. Eng. Amer Abdel Ghani, Project Manager, Dijlah
13. Eng. Firas Odeh, Project Manager, Dirar Al Saraireh
14. Eng. Yousef Abu Znaimeh, Planning Engineer Dirar Al Saraireh



The Purpose of the Meeting is to follow up the Progress of the Project and to discuss different issues.

At the beginning, Suhair gave Introduction about the purpose of the meeting.

### Package I

#### 1. Health, Safety and Environment

Mahmoud stated that the Contractor abides with the Contract requirements regarding health, safety and environment, and the protective measures for COVID-19 are implemented in all of the project sites.

The only concerns are at Al Khansa' School where deep cut side. The Contractor was asked to provide an adequate protection to protect persons from loose rock or soil.

Firas said that a geotechnical lab representative visited the site to give his recommendations for the stability of cut sides, and waiting the Geo Lab report.

#### 2. Site Borders, Boundary Walls and Soil Investigation

- 2.1 The plot limits problem at Khadija School -existing boundary wall where an encroaching neighbor's wall.
- 2.2 The plot limits Um Al Dananir School where the current street and an encroaching neighbor's wall inside the school plot.
- 2.3 Firas stated that these obstacles prevent the contractor from working in the boundary walls.

## Minutes of Meeting

### Subject: Monthly Progress Meeting – SKEP III



WAHIB  
MEDANAT  
consultant engineers  
مهندسون استشاريون

- 2.4 Natheer stated that for Khadija school wall, we contacted MPWH and they requested the additional cost of constructing a new wall, and we provided to them to get the needed approvals, and just we receive MPWH instructions the Contractor will be addressed.

And for Um Al Dananir obstacles: we contacted MPWH and they are contacting with other authorities to solve the problem.

### 3. Progress Review

- 3.1 Wahib gave a brief about the Contract Duration, Commencement Date, Completion Date, and that no time extensions approved up to date so that the completion date is on 14/03/2022.
- 3.2 Wahib gave a brief about Contract Value and variation orders and that no VO's approved up to date and presented the cash flow and interim invoices up to date.
- 3.3 Wahib presented the CPM diagram showing a comparison between the accumulative actual progress (19.54%) for the whole package which relatively the same of the planned percentage (21.71 %).
- Um Al Dananir School: actual monthly progress is 6%, the planned percentage is 9.7 %. Actual accumulative progress is 18%, the planned percentage 21.71 %.
  - Al Khansa' School: actual monthly progress is 11.9 %, the planned percentage is 9.7 %. Actual accumulative progress is 22.9%, the planned percentage 21.71 %.
  - Khadija School: actual monthly progress is 5.05 %, the planned percentage is 9.7%. Actual accumulative progress is 17.05%, the planned percentage 21.71%.
- 3.4 Wahib presented pictures for all the schools showing the executed works during March.

### 4. Status of Submittals:

- 4.1 Wahib presented the submittal-tracking sheet, which shows the materials and drawings submittals status and percentages for all sections Architectural, Electrical, and Mechanical presented.
- 4.2 Wahib stated the total percentage of the submitted materials is 61% and as follows, for architectural 31% (approved 18%),



## Minutes of Meeting

### Subject: Monthly Progress Meeting – SKEP III

mechanical 75% (21 %) and electrical 89% (37%) and structural 60% (approved 60%). He also gave a brief of the submittals in numbers.



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March Monthly Progress meeting- Wahib Medanat Office (Virtual)



Eng Whaib made a presentation on (Scheduled and actual) progress percentages

## Site Visits

Trigon Visit, Mar 10, 2021– Kadija Bint Khwailed Basic Mixed School- Al-Shouna  
Al-Janobia (Refer to 13.2 Site Visits Table)



Sterilization and signing visitors' attendance sheet at the entrance of the site, complying with Covid-19 Protocol



Eng. Odai recommended to use a protection system for the Septic tank excavations sides



Observing the encroaching neighbor's wall opposite to the staircase concrete wall



Safety measures on the construction site using safety caps on steel rods

Trigon Visit, Mar 10, 2021– Al Khansa’a Basic Mixed School- Al Balqa  
(Refer to 13.2 Site Visits Table)



Temperature check and signing visitors’ attendance sheet at the entrance of the site, complying with Covid-19 Protocol



Safety measures on the construction site using safety caps on steel rods



Eng. Odai recommended using a protection system for the excavations sides to strengthen the barriers adjacent to deep excavations



Inspection of safety preparations

Trigon Visit, Mar 24, 2021– Kadija Bint Khwailed Basic Mixed School-  
Al-Shouna Al-Janobia (Refer to 13.2 Site Visits Table)



Temperature check and signing visitors' attendance sheet at the entrance of the site,  
complying with Covid-19 Protocol



Inspecting the ground beam.





The location of underground water tank is surrounded by safety fence



Reviewing the encroaching neighbor's wall

Trigon Visit, Mar 24, 2021– Al Khansa’a Basic Mixed School- Al Balqa  
(Refer to 13.2 Site Visits Table)



Temperature check, sterilization and signing visitors’ attendance sheet at the entrance of the site, complying with Covid-19 Protocol



Fair-face formwork for underground sewage tank



Retaining wall for the main building



Surveying works on site

Trigon Visit, Mar 28, 2021– Um Al Dananir Basic Mixed School- Al Balqa (Refer to 13.2  
Site Visits Table)



(Both Photos: Sterilization, Temperature check and signing visitors' attendance sheet at the entrance of the site, complying with Covid-19 Protocol





Eng. Osama discussing the neighbor's wall encroachment on the school plot boundary



Checking the encroachment of the existing street toward the school land

Site visit on Mar 14, 2021 – Um Al Dananir Basic Mixed School- Al Balqa-  
 (Refer to 13.3 Home Office Support Table)







SKEP III

Site Visit Report

WAHIB  
 MEDANAT  
 consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	026
Contractor	Derar Sarairoh & Sons for Engineering & Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
Site Name	Um Al Dananir Basic mixed	Day/ Date	Sun. 14/03/2021
Duration of Project	450 Calendar Days	Total Project Budget	9,789,417.840 JD

No.	Visitors		Remarks
1	Suhair Amarin	Project Dir.	
2	Akram Khammes	Electrical Eng.	
3	Marwan Sonna'a	Mech. Eng.	
4	Wahib Medanat	General Manager	

Visit Notes

No.	Description
1	Follow up the plot boundary for the school (Adjoining street and neighbors wall).
2	Follow up progress of works and concrete repair.
3	Follow up of waterproofing and protection boards fixing for footings, walls and column necks.
4	Follow up of steel fixing and form works for walls at basement.
5	General safety and housekeeping recommendations

Attached



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CC: Project Director

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 Form # QP SUP 01-18, Rev.1

Site visit on Mar 18, 2021 – Al Khansa’ Basic Mixed School Al-Balqa-  
 (Refer to 13.3 Home Office Support Table)

			SKEP III	Site Visit Report
Consultant	Wahib Medanat Consultant Engineer	Rep No.	028	
Contractor	Derar Sarairoh & Sons for Engineering & Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)	
Site Name	Al Khansa'a Basic Mixed	Day/ Date	Thu. 18/03/2021	
Duration of Project	450 Calendar Days	Total Project Budget	9,789,417.840 JD	

No.	Visitors		Remarks
1	Suhair Amarin	Project Dir.	
2	Akram Khammes	Electrical Eng.	
3	Marwan Sonna'a	Mech. Eng.	
4	Wahib Medanat	General Manager	

Visit Notes

No.	Description
1	Discussing the situation of excavation sides, and the necessity of providing temporary shoring system or a protective system to keep the site safe.
2	Follow up the reinforcement steel fixing for school foundations at zones B&C.
3	Follow up the works at zone A of school building (walls and columns steel fixing and shuttering).
4	Follow up the works at septic tank (walls steel fixing).
5	General safety and housekeeping recommendations.

Attached



1:

CC: Project Director


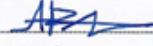


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 Form # QP SUP 01-18, Rev.1

Site visit on Mar 18, 2021 – Khadija Bint Khwailed Basic Mixed School- Al Shona Al Janobia- (Refer to 13.3 Home Office Support Table)

		SKEP III	Site Visit Report
<b>WAHIB MEDANAT</b> consultant engineers	Consultant	Wahib Medanat Consultant Engineer	Rep No. 29
	Contractor	Derar Saraireh & Sons for Engineering & Contracting	Tender No. (11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
	Site Name	Khadija Bint khwailed Basic Mixed	Day/ Date Thu. 18/03/2021
	Duration of Project	450 Calendar Days	Total Project Budget 9,789,417.840 JD

No.	Visitors		Remarks
1	Suhair Amarin	Project Dir.	
2	Akram Khammes	Electrical Eng.	
3	Marwan Sonna'a	Mech. Eng.	
4	Wahib Medanat	General Manager	

Visit Notes	
No.	Description
1	Follow up the backfill works in the main building and discuss fill materials test results.
2	Discussing the situation of encroaching neighbor's wall, and instructing the contractor to execute all boundary walls, and postpone the portion where obstacles exist.
3	Follow up the recent activities (septic tank foundation reinforcement, boundary walls foundation reinforcement works, and boundary walls formworks)
4	General safety and housekeeping recommendations

Attached
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Form # QP SUP 01-18, Rev.1

CC: Project Director



## 14 | Manpower Logs

### 14.1 Um-Aldananir Basic Mixed School

Daily Manpower Log																															
Mar-21																															
Staff Members	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Project manager	1	1	0	1		1	1	0	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Site engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Quantity surveyor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Safety engineer	1	1	0	0		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Safety officer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Planning engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Foreman	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Driver	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2
Labor	6	6	6	6		6	6	6	6	6	6		6	6	6	6	6	6		6	6	6	6	6	6		6	5	5	5	5
Skilled labor	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Electrical engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Electricians	2	3	3	0		2	2	0	0	0	0		0	0	0	2	0	0		0	0	0	0	0	0		0	2	0	0	0
Mechanical engineer	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		1	2	2	2	2
Mechanical tech	2	2	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0

Plumber	3	2	2	0	5	5	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3						
Surveyor	1	1	0	1	1	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0						
Steel fixer	5	8	5	2	5	5	1	1	2	4	2	3	3	3	3	3	0	0	0	2	2	0					
Store keeper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
Office boy	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
Bricklayer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Carpenter	10	10	10	8	8	8	5	5	8	8	8	10	8	8	8	8	5	5	2	3	3	4					
Night guard	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
Steel fixer assistant	3	2	2	2	2	2	0	1	0	4	0	1	3	3	3	3	0	0	1	0	0	0					
Carpenter assistant	3	6	6	6	6	6	3	2	2	6	4	4	3	3	3	3	5	5	2	2	2	3					
Painters	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Draft man	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
Insulation tech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0					
Fresh graduate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1					
Trainee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0					
<b>Total</b>	52	57	48	41	52	52	34	36	39	48	40	44	43	45	44	43	39	37	33	34	36	34	34	34	33	33	36

## 14.2 Al Khansa' Basic Mixed School

### Daily Manpower Log

Mar-21

Staff Members	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Site Manager	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Site Engineer	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	0		2	2	2	2	2	2		2	2	2	2	2
Quantity Surveyor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Surveyor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Supervisor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Safety officer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Labor	12	12	12	12		12	12	12	12	12	12		12	12	12	12	12	12		12	12	12	12	12	12		12	12	12	12	12
Carpenter	10	10	10	10		10	10	10	10	10	10		10	10	10	10	10	10		10	10	10	10	10	10		10	10	10	10	10
Steel Fixer	10	10	10	10		10	10	10	10	10	10		10	10	10	0	0	0		0	0	10	10	10	10		10	10	10	10	10
Equipment Operator	3	3	3	3		3	3	3	3	3	3		3	3	3	3	3	3		3	3	3	3	3	3		3	3	3	3	3
<b>Total</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>		<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>		<b>42</b>	<b>42</b>	<b>42</b>	<b>32</b>	<b>32</b>	<b>25</b>		<b>32</b>	<b>32</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>		<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>

### 14.3 Khadija Bint Khwailed Basic Mixed School

Daily Manpower Log																															
Mar-21																															
Staff Members	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Site engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Foreman engineer	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	0		2	2	2	2	2	2		2	2	2	2	2
Quantities survey	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Mechanical engineer	0	0	0	0		0	0	0	0	0	0		2	2	2	2	2	0		2	2	2	2	2	2		2	2	2	2	2
Safety engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Fresh engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Technical	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Electrical engineer	0	0	0	0		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Carpenter	7	10	7	5		10	7	8	7	8	8		9	7	9	10	8	8		13	13	13	10	8	10		10	8	7	8	10
Workers	5	5	5	5		5	5	5	5	5	5		3	3	3	4	4	0		20	5	5	8	7	7		7	7	7	7	7
Office boy	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Guard	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Driver	2	2	2	2		3	3	3	3	3	3		3	3	3	3	3	0		3	3	3	3	3	3		3	3	3	3	3
Surveyor	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	0		2	2	2	2	2	2		2	2	2	2	2
Steel fixer	7	10	7	6		10	7	10	7	10	10		8	7	8	10	8	8		15	15	15	10	8	8		9	7	8	8	7
Electricity technician		1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
<b>Total</b>	31	38	32	29		40	34	38	34	38	38		37	34	37	41	37	17		65	50	50	45	40	42		43	39	39	40	41

## 15 | Daily Plant and Equipment

### 15.1 Um-Aldananir Basic Mixed School

Daily Plant & Equipment Log																															
Mar-21																															
Equipment Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Loader	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Excavator	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Generator	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2
Mobile Crane	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Earth Roller	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Truck	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	1	1	1	0	0		0	0	0	0	0
Bobcat	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		1	1	0	0	0
Compressor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Vibrator	5	6	0	0		0	0	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2
Electrical Steel Cutter	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Steel Bending Machine	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2
Hilti Hammer	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	1		1	1	1	1	1	1		1	1	1	1	1
<b>Total</b>	14	15	9	9		9	9	11	11	11	11		11	11	11	11	11	12		12	13	13	13	12	12		13	13	12	12	12

## 15.2 Al Khansa' Basic Mixed School

### Daily Plant & Equipment Log

Mar-21

Equipment Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Generator	3	3	3	3		3	3	3	3	3	3		3	3	3	3	3	3		3	3	3	3	3	3		3	3	3	3	3
Welding Machine	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2
Loader	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2
Compressor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Mucking Truck	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Excavator	2	2	2	2		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Bulldozer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
Compactor	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		2	2	2	2	2	2		2	2	2	2	2
Mobile Crane	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
<b>Total</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>		<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>		<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>		<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>		<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>

### 15.3 Khadija Bint Khwailed Basic Mixed School

#### Daily Plant & Equipment Log

Mar-21

Equipment Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Loader	1	0	1	1		0	1	1	1	0	0		0	0	0	1	0	0		1	0	1	0	0	1		1	0	0	0	0
Digger	0	0	0	0		1	0	0	1	0	0		0	0	1	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Bulldozer	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Compressor	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Double Drum Mini Roller	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Truck	0	0	0	0		2	0	0	2	2	2		2	2	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Plate Compactor	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0
Pick up	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Hydraulic Rebar Cutter Bender	2	2	2	2		2	2	2	2	2	2		2	2	2	2	0	0		2	2	2	2	2	2		2	2	2	2	2
Concrete Vibrator	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2
Bobcat	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1	1	1	1
Roller Compactor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1
<b>Total</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>8</b>		<b>10</b>	<b>8</b>	<b>8</b>	<b>11</b>	<b>9</b>	<b>9</b>		<b>9</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>5</b>	<b>3</b>		<b>8</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>8</b>		<b>8</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>

## 16 | Lab-test Results Tracking Log

### 16.1 Um-Aldananir Basic Mixed School

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vSYS62AYAdVA1\\_K\\_4nkdfm9cms09OZZM-UEPdi5UcPnbao09tbgdAGjyZX2lZWNsKaf5iFDRuKHe6m3/pubhtml?gid=1225617610&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vSYS62AYAdVA1_K_4nkdfm9cms09OZZM-UEPdi5UcPnbao09tbgdAGjyZX2lZWNsKaf5iFDRuKHe6m3/pubhtml?gid=1225617610&single=true)

### 16.2 Al Khansa' Basic Mixed School

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vSYS62AYAdVA1\\_K\\_4nkdfm9cms09OZZM-UEPdi5UcPnbao09tbgdAGjyZX2lZWNsKaf5iFDRuKHe6m3/pubhtml?gid=1684900523&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vSYS62AYAdVA1_K_4nkdfm9cms09OZZM-UEPdi5UcPnbao09tbgdAGjyZX2lZWNsKaf5iFDRuKHe6m3/pubhtml?gid=1684900523&single=true)

### 16.3 Khadija Bint Khwailed Basic Mixed School

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vSYS62AYAdVA1\\_K\\_4nkdfm9cms09OZZM-UEPdi5UcPnbao09tbgdAGjyZX2lZWNsKaf5iFDRuKHe6m3/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vSYS62AYAdVA1_K_4nkdfm9cms09OZZM-UEPdi5UcPnbao09tbgdAGjyZX2lZWNsKaf5iFDRuKHe6m3/pubhtml?gid=0&single=true)



## 17 | Obstacles Log (Site Obstacles)

SN	School	Location	Mobilization		Soil Test			Demolishing Work Status	Site Obstacles Status					Notes/Comments
			Mobilization % Complete	Expected Completion Date	Soil Test Status	Need for Redesign	Redesign Status		Trees	Pole & Cables (Electrical, Telephone...)	Existing Electromechanical Obstacles	Construction	Others	
A	C	D	E		F	G	H	I	J	K	L	M	N	O
1	Khadija Bint Khwailed Basic Mixed School	Al Balqa	98%%	31-Dec-2020	-	-	-	-	-	-	-	-	Boundary wall for the neighbor	Level of the foundation of this wall is higher than school finish floor level by 2 to 2.6 m A letter was sent to MPWH regarding this matter
2	Al Khansa'a Basic Mixed School	Al Balqa	98%	31-Dec-2020	-	-	-	-	-	-	-	-	Soil investigation report not issued until now	an email was sent to the designer on this issue
3	Um Al Dananir Basic Mixed School	Al Balqa	98%	31-Dec-2020	-	-	-	-	-	-	-	-	Eastern existing street is inside our project land and this will affect the construction of the following: - The eastern boundary wall - The harvesting rain water tank. - Transformer location Residential building on the plot 416 is at our plot boundary	Letters were sent to the MPWH in this regard

☐ [https://docs.google.com/spreadsheets/d/e/2PACX-1vRMON\\_50PWl3kQQN\\_EGuoel4-5OlweEUOS\\_NtMdwMKmSdUzeKEbbU1f2\\_8SVIAbbIXL7jqyDMCqs0osd/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vRMON_50PWl3kQQN_EGuoel4-5OlweEUOS_NtMdwMKmSdUzeKEbbU1f2_8SVIAbbIXL7jqyDMCqs0osd/pubhtml?gid=0&single=true)

## 17.1 Um Al Dananir Basic Mixed School – Al Balqa



Figure 1. . Encroaching on the site boundary

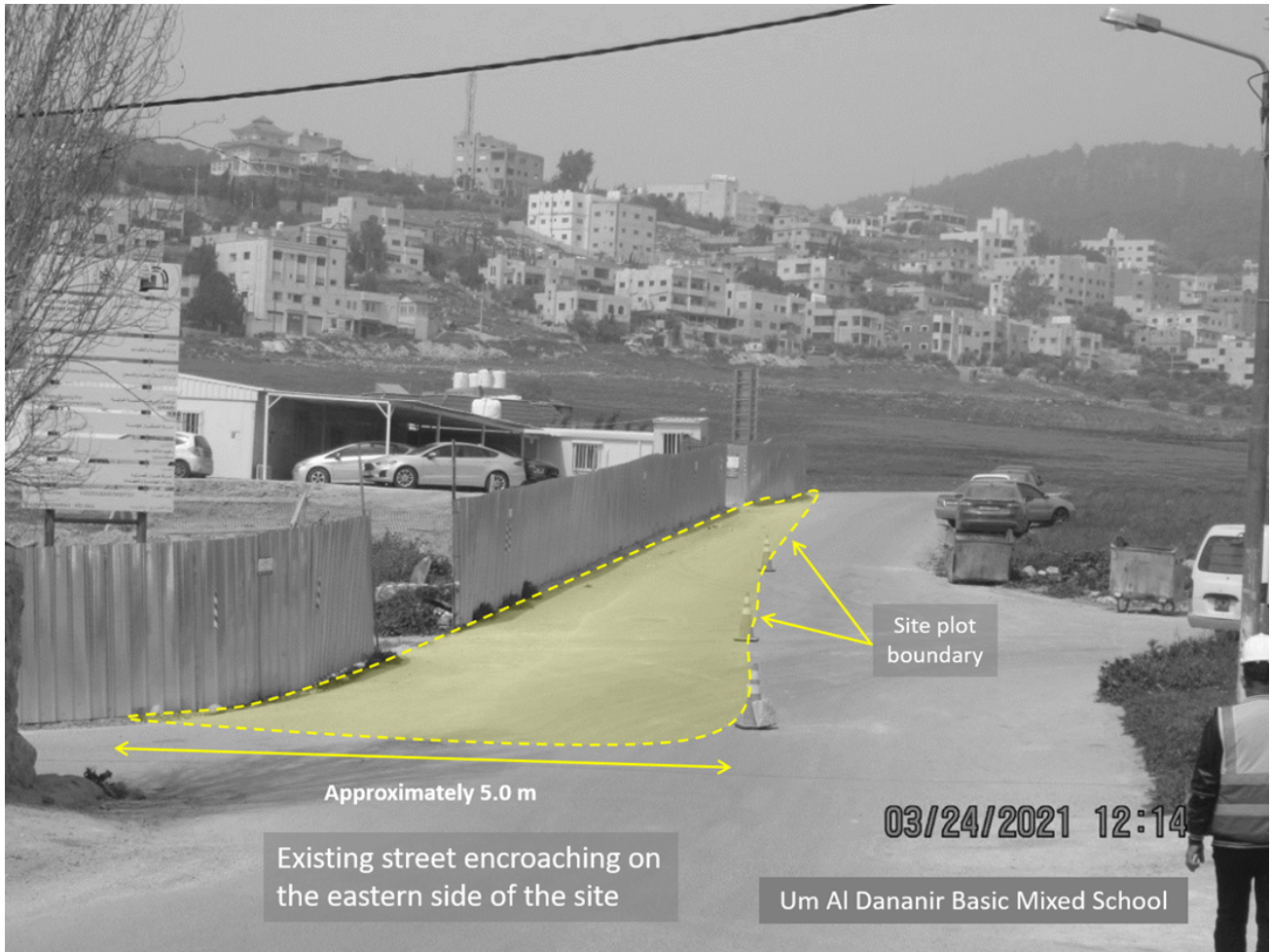


Figure 2. There is an encroachment of the existing street toward the site and this will affect the construction of the eastern boundary wall



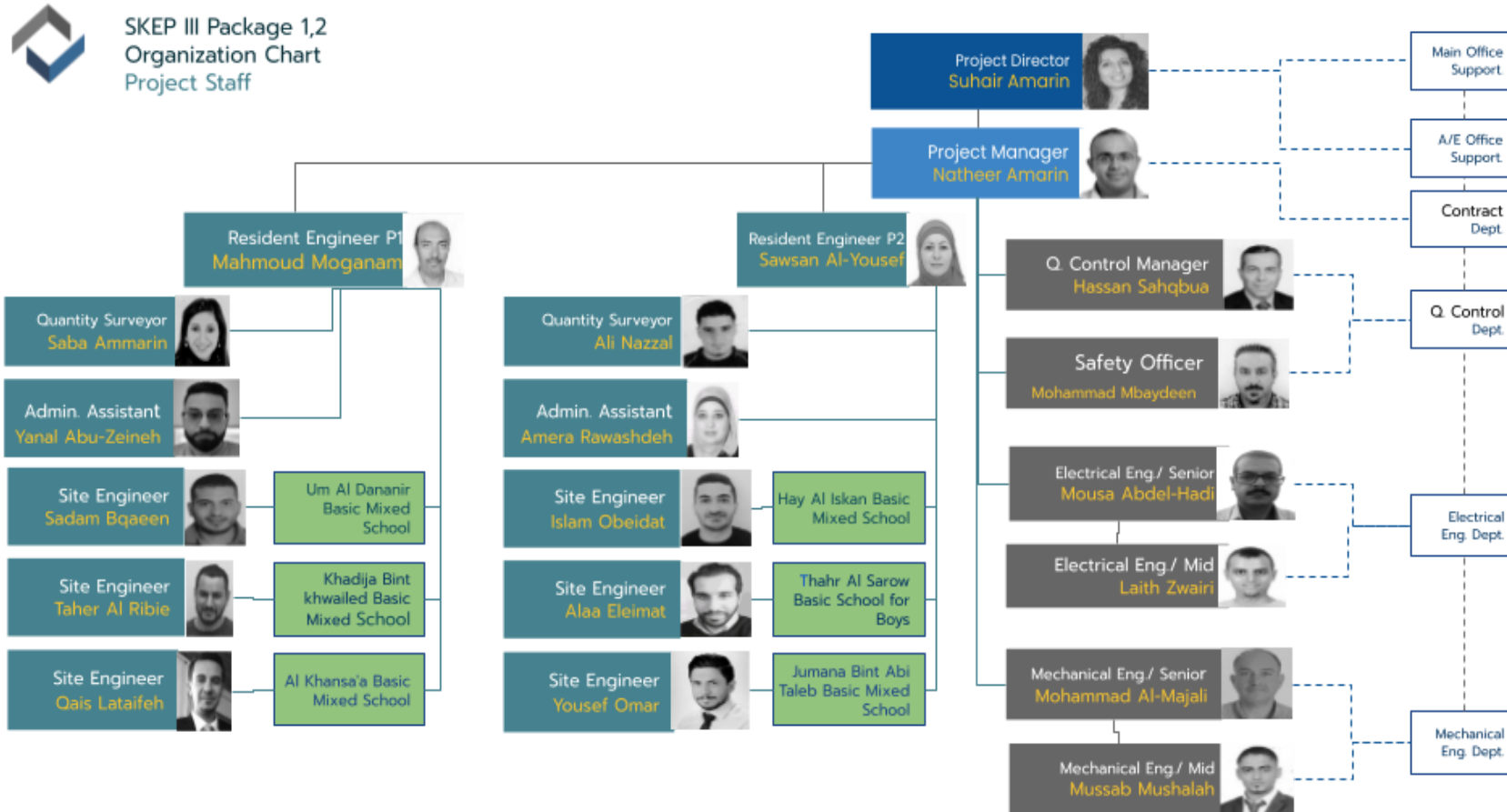
Figure 3. There is an encroachment of the existing neighbor's building toward the site

### 17.2 Khadija Bint Khwailed Basic Mixed School



Figure 1. An encroaching neighbor's wall

## 18 | Consultant Organization Project Staff



□ website Link: <https://www.medanat.site/skepiii-staff>

## 19 | Selected Photos

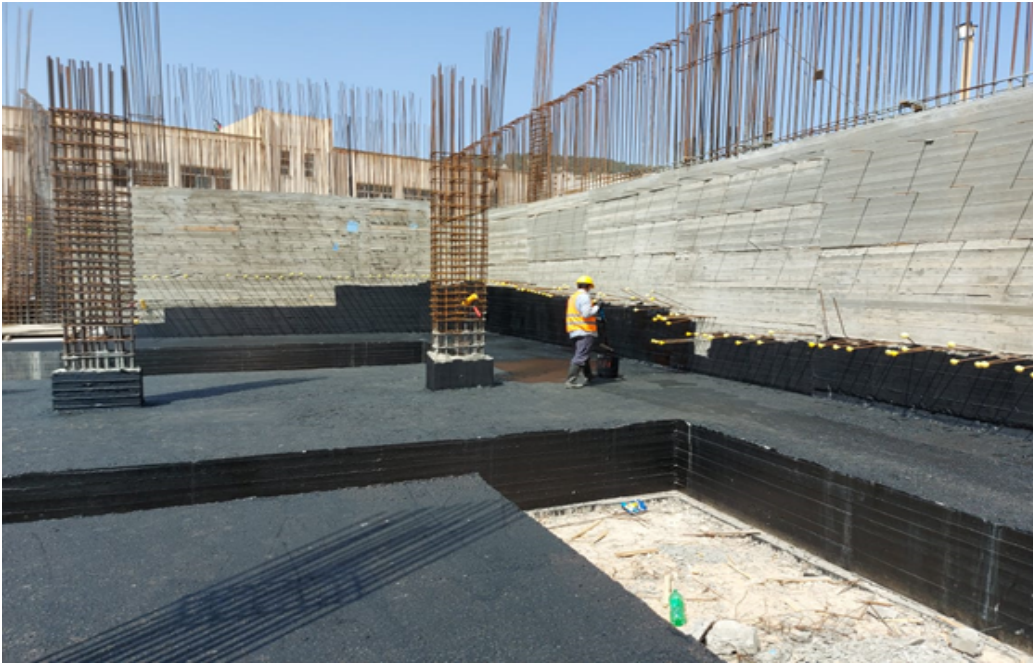
### 19.1 Um Al Dananir Basic Mixed School



Concrete casting for raft foundation 3&4-(02/03/2021)



Erecting formwork for columns neck and basement walls- (08/03/2021)



Performance layers of cold fluid insulation-(16/03/2021)



General view of basement floor and fair-face formwork for underground water tank- (30/03/2021)



## 19.2 Al Khansa' Basic Mixed School



Blinding concrete- (01/03/2021)



The status at the site where the shoring is required, depth of cut is around 20 meters which poses high risks. The shoring system is included in the excavation item in the Bill of Quantity- (10/03/2021)



Dismantling of columns formwork- (22/03/2021)



General view of the Project- (28/03/2021)

### 19.3 Khadija Bint Khwailed Basic Mixed School



General view of the work below slab on grade- (02/03/2021)



Preparing of formworks for ground floor- (11/03/2021)



Back-filling compaction- (16/03/2021)



Material Back-filling- (30/03/2021)

## 20 | Location Links

[20.1 Um Al Dananir Basic Mixed School -Balqa](#)

[20.2 Al Khansa'a Basic Mixed School - Balqa](#)

[20.3 Khadija Bint Khwailed Basic Mixed School - Balqa](#)

## 21 | Website Reports Links

[21.1 Daily Reports](#)

[21.2 Monthly Reports](#)

[21.3 CMTO Inspection Reports](#)

[21.4 Quality Reports](#)