

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

Monthly Progress Report

No. 6

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Management System as per
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1 | Project Particulars

1.1 Contract Main Information

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.

1.2 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:

A- Um-Aldananir Basic Mixed School

The project consists of school building of five floors with a total approximate built-up area of 6258 m², in addition guard house, rainwater harvesting tank and other site works as deemed in the drawings and BOQ.

Main Elements

Land Area =11709 m ²			External Works = 5665 m ²					no. of floors = 5		
Floor	F.F.L	Area (m ²)	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
Basement	96.9/97.5	1070	-	-	-	-	-	HC TOILET	1	1
Ground	102	1669	-	-	4	24	96	2 KG toilets child care toilet	-	-
First	105.64	1664	12	4	-	36	576	H.c TOILETS	2	2
Second	109.28	1664	-	12	-	36	432	H.C TOILET	-	2
Roof	112.92	90	-	-	-	-	-	-	-	-
External Works	-	5451	-	-	-	-	-	-	-	-
Total		11608		32		-	1104	-	3	5

❑ Location Link:

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

❑ More Information Link

<https://www.medanat.site/s3p1s1-01>

B- Al Khansa' Basic Mixed School

The project consists of a school building of five floors with a total approximate built-up area of 6432 m², 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
Ground	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
First	93.45	1693.35	9	-	-	36	324	1 HC Toilet	1*4	1*6
Second	97.35	1508.29	-	8	-	36	288	1*9 with 1 HC toilets	-	-
Third	101.25	1511.24	-	6	-	36	216	1*7with 1 HC toilets	-	-
Roof	105.15	99.12	-	-	-	-	-	-	-	-
External Works	---	3802	-	-	-	-	-	-	-	-
Total		10233.11		27		-	924	-	6	8

❑ Location Link:

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

❑ More Information Link

<https://www.medanat.site/s3p1s2-01>

C- 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 m², 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

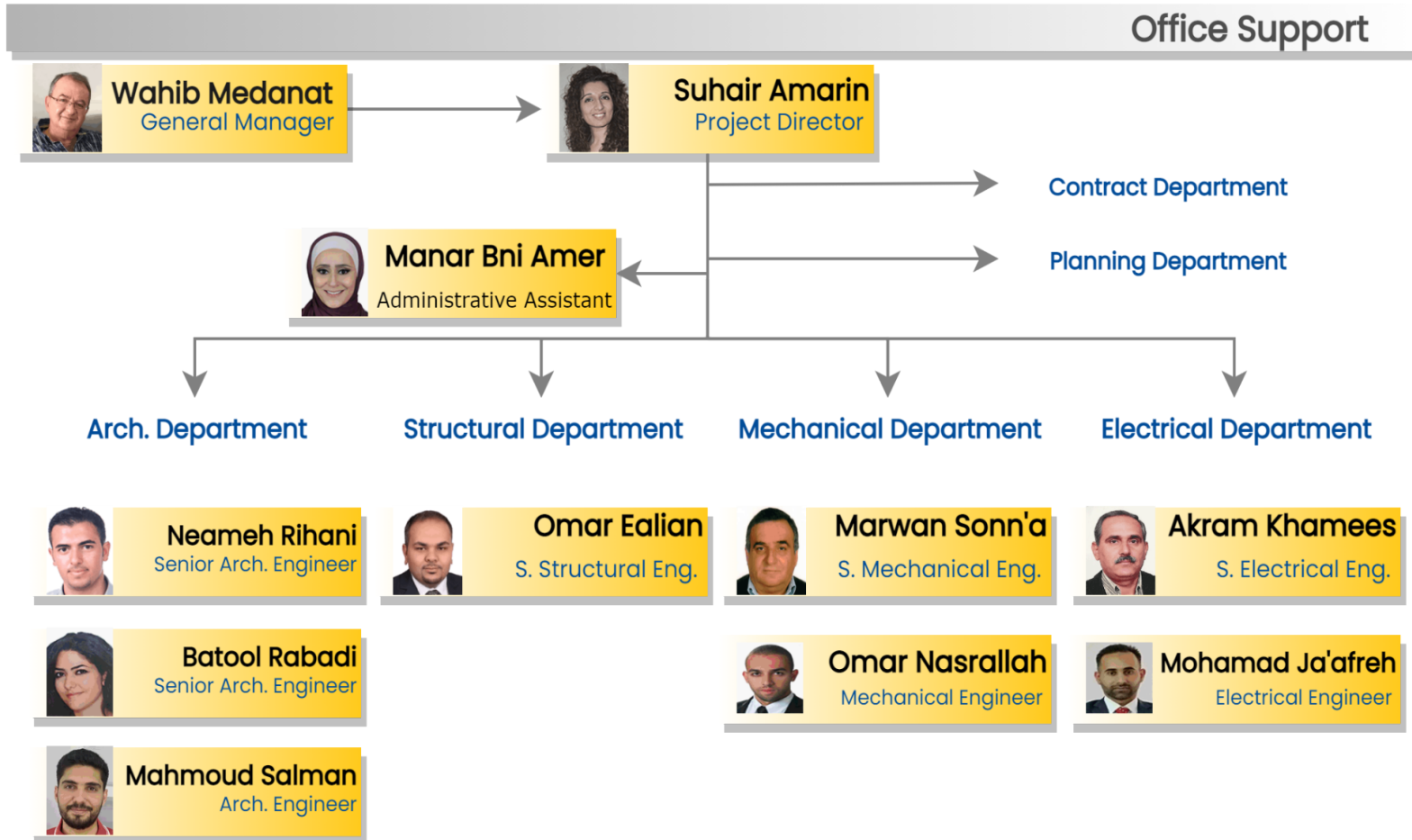
❑ Location Link:

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

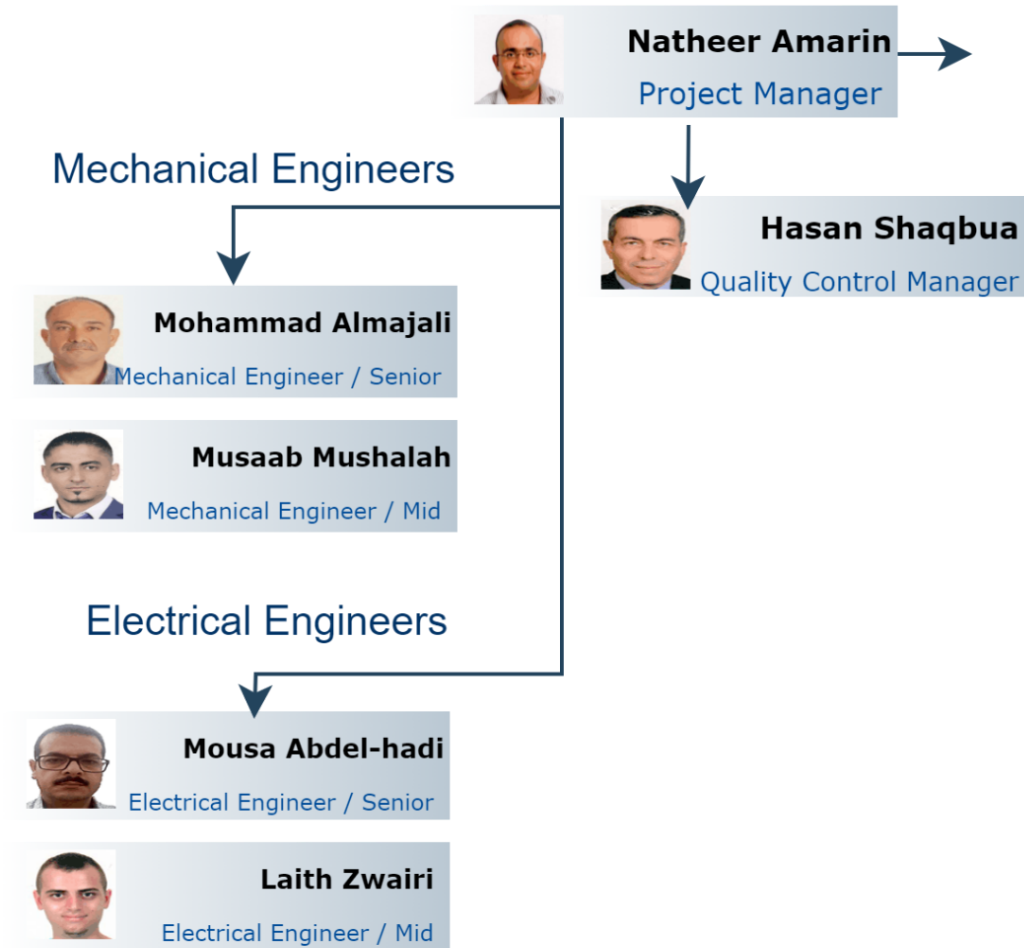
❑ More Information Link

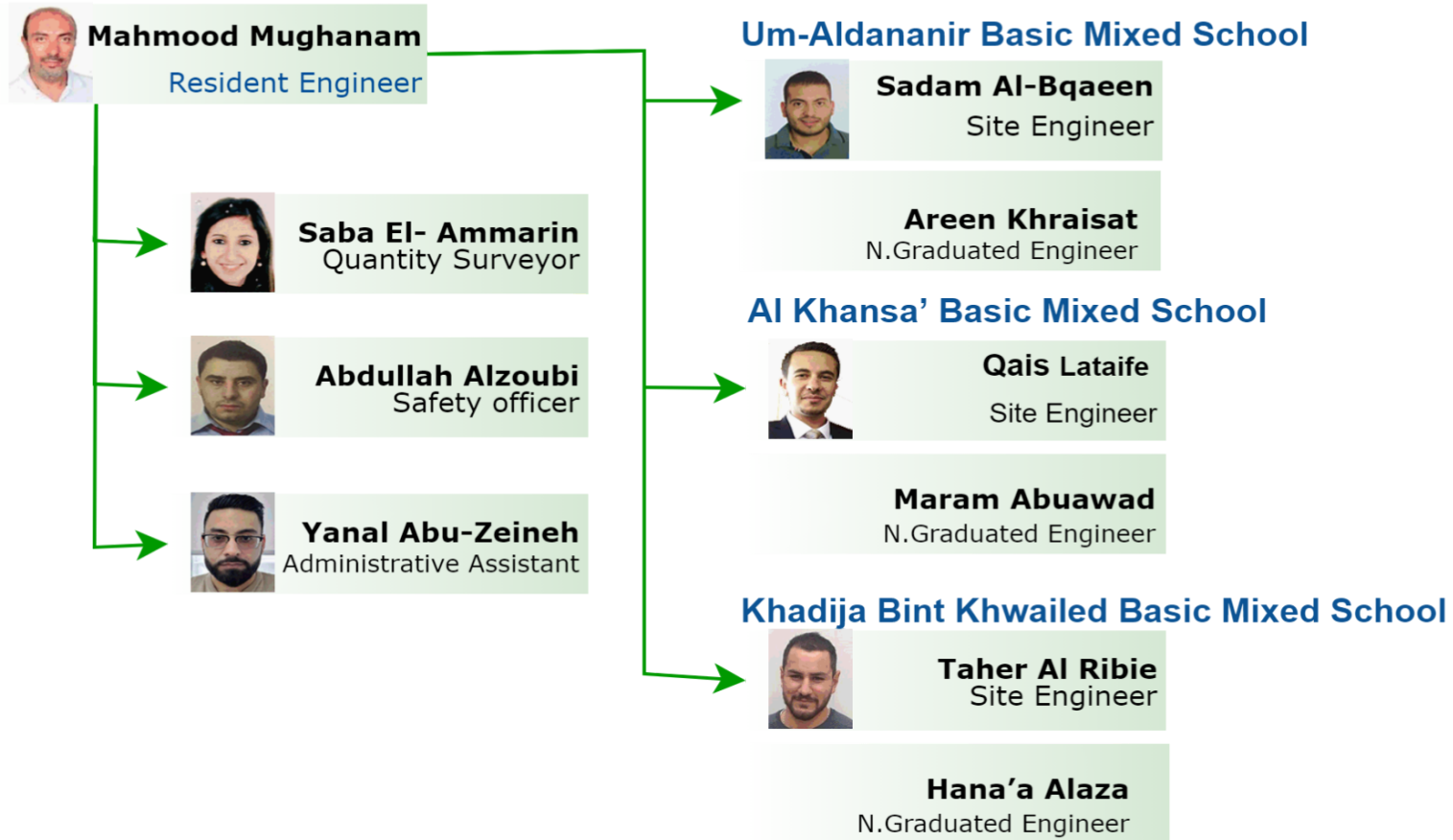
<https://www.medanat.site/s3p1s3-01>

2 | Consultant Organization Project Staff



Package 1,2





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

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	5	month
1.1d	Provide steel fence of 2m high around construction site	320	LM
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.
2.1.1	DIVISION2-SITE CONSTRUCTION		
2.1	SECTION 02222-Minor Demolition and Remodeling	1	LS
2.1.1	Existing Facilities		
a.	Existing buildings		
b.	Existing Boundary wall		
c.	Existing Fence		
d.	Any other items shown on drawings.		
2.2	SECTION 02240-Geotextile		
2.2.1	Supply and install geotextile filters layers under agricultural soil and sand bits.	0	m2
2.3	SECTION 02300-Earthwork		
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.	9935	m3
2.3.2	Imported filling and backfilling Supply and install crushed stone single size aggregate		
a.	For filling and backfilling for building	5352.19	m3

2.5.1	Crushed aggregate base\sub-base Course.		
a.	200mm thick, base course layer under internal slabs on grade.	173.446	m3
3.2	SECTION 03300- CAST IN PLACE CONCRETE		
3.2.1	Plain concrete grade 15N/mm2		
a.	Blinding for foundation,footing,ground beams for school building,guard house,canteen.	241.666	m3
b.	Blinding for boundary walls, underground water tank and site works	30.072	m3
3.2.2	Plain concrete grade 20N/mm2		
a.	Mass concrete	2.376	m3
3.2.3	Reinforced Concrete grade 30 N/mm2		
a.	For foundations,footings,ground beams for school building, guard house, canteen	2105	m3
b.	For slabs,beams,stairs for building,guard house,canteen	332.2	m3
d.	For site works	179.88	m3
3.2.4	Reinforced Concrete grade 35 N/mm2		
a.	For walls and columns under slab on grade	267.47	m3
b.	For walls and columns above slab on grade	337.167	m3
c.	For underground water tank	103.578	m3
3.2.5	Reinforced concrete grade 20N/mm2		
a.	For slab on grade building, guard house and canteen.	130.084	m3
3.2.7	extra over for structural fairface for basement walls underground water tank walls.	947.469	m2
3.5	Steel Reinforcement		
3.5.1.a	Supply, cut, fabricate and install steel bar for school building, guard house, canteen	628.8	ton
c.	For underground water tank	15.739	ton
d.	For site structures	37.552	ton
4	DIVISION 4-MASONRY		

4.1	SECTION 04220-CONCRETE UNIT MASONRY.		
4.1.1	Supply and install concrete blocks .	1840	No.
7.1.2	Supply and install bituminous waterproofing. Membrane. With thickness not less than 4mm.		
b.	For underground water tank , basement walls and wherever required .	881.893	m2
7.2.1	Supply and apply three perpendicular coats		
a.	For buildings: to all structural elements below slab on grade	7529.23	m2
15.26	Section 15430 Water Reservoir Accessories.		
a	Water Reservoir Accessories (Domestic)	1113	L.S
16.6	Section 16200 Main and external Power Cables Supply, install, connect and commission main and external power cables.		
b	(4x10 + 1x10mm ² CU/XLPE/SWA/PVC) from MDB to DB-EX inside the guard room	0.8	m
c	(3x10 mm ² CU/XLPE/SWA/PVC) from MDB to DB-GR inside the guard room	0.8	m
16.7	Section 16200 Feeding Power Cables Supply, install, test and commission the following power cables.		
c	(4x10 + 1x10mm ² CU/XLPE/PVC) from MDB to (DB-B1), (DB-B2),(DB-G2),(DB-CL1),(DB-CL2), (DB-S2)(DB-VOC), (DBU),(LEFT).	1.6	m
16.28	Lighting Protection System	0.2	L.S

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	5	month
1.1d	Provide steel fence of 2m 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	DIVISION2-SITE CONSTRUCTION		
2.1	SECTION 02240-Geotextile		
2.1.1	supply and install geotextile filters layers under agricultural soil and sand bits.	0	m ²
2.3	SECTION 02300-Earthwork		
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.a	200 mm thick, base course layer under internal slabs on grade.	302.22	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	Supply and install expansion joints mineral filler board according to details EXO03 & EXP04 including all necessary preparations and fixing works as per Drawings		
d.	Within retaining wall base slab, walls and columns 3cm thickness	65.1	m ²
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	50.15	m
3.1.4.b	For Septic Tank	43.2	m
3.1.4.c	For Building	10.5	m

3.2.1	Plain concrete (grade 15)		
a.	Blinding for foundation, footings, ground beams, tie beams for school building, guard house, canteen and wherever required.	475.387	m3
3.2.1.b	Blinding for boundary walls, underground water tank, sewage collection tank and site works.	170.888	m3
3.2.3	Reinforced concrete grade 30		
a.	For foundations, footings, grade beams for school building, guard house, canteen and wherever required	1783.62	m3
b.	For slabs, beams, stairs for school building, guard house, canteen and wherever required	656.75	m3
c.	For boundary walls including PVC water stops (250mm) and weep holes (uPVC dia 10 cm) staggered as per drawings	1615.99	m3
3.2.4	Reinforced concrete grade 35		
a.	Reinforced concrete grade 35,for walls and columns under slab on grade	238.68	m3
b.	For walls and columns above slab on grade	601.696	m3
c.	For underground water tank	126.889	m3
3.2.5	Reinforced concrete grade 35, for sewage collection tank and wherever required	225.525	m3
3.2.6.a	Reinforced concrete grade 20,for slab on grade under school building, guard house and canteen.	233.53	m3
3.2.8	Extra over for structural fair faced concrete finish for underground water tank walls, Sewage collecting tank and wherever required.	763.158	m3
3.5.1	Supply, cut to size, fabricate, hoist and install deformed high yield steel bar reinforcement of 420 N/mm ² minimum yield strength		
a.	For school building, guard house, canteen and wherever required	517.652	ton
b.	For boundary walls	156.531	ton
c.	For underground water tank and sewage collection tank.	49.681	ton
4.1.1.a	Hollow concrete rib block, size 400/360x320x200 mm for school building.	7856	No.
7.1.2.a	Supply and install bituminous waterproofing .for underground water tank and sewage collection tank	444.216	m ²
7.2.1	Supply and apply 4mm torch applied SBS modified bituminous water proofing membrane		

a.	Supply and apply three perpendicular coats cold fluid applied damp proofing,for buildings: to all structural elements below slab on grade.	4997.893	m ²
b.	For boundary walls: to all structural elements below slab on grade	2902.106	m ²
d.	Beneath the sewage collecting tank foundation	124.2	m ²
7.4.1.a	Supply and install polyethylene sheets 250 micron,below slab on grade under school building, guard house and canteen.	1691.7	m ²
7.4.1.b	Below slab on grade under external tiling, external ramps, under ground water tank and wherever required as shown on drawings.	134.873	m ²
15.11.b	Diam. 50 mm	19.35	m
15 .13.a	Water Reservoir Accessories a. Water Reservoir Accessories (Domestic)		No.
15.26.a	Below Ground Drainage UPVC Drainage Pipes And Fittings for Below Ground Installations a. Diam. 110 mm	0.6	No.
16.7.a	(4x120+ 1x70 mm ² CU/XLPE/PVC) from MDB to (SMDB-AC3).	8.4	m
16.7.b	(4x95+ 1x50 mm ² CU/XLPE/PVC) from MDB to (SMDB-AC1)&(SMDB-AC2).	16.8	m
16.7.c	(4x16+ 1x16 mm ² CU/XLPE/PVC) from MDB to the isolter of the roof top package unit, PDBG1,PDBG2,DBF1,DBF2,DBS1,DBS2,DBTH1, DBTH2,DBU and DB-VOC	84	m
16 .27	Supply, install, test and commission lightning protection system according to the latest IEC Standards and as the general requirements of the specifications	0.25	LS

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	5	month
1.1d	Provide steel fence of 2m 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	DIVISION2-SITE CONSTRUCTION		
2.1	SECTION 02240-Geotextile		
2.1.1	Supply and install geotextile filters layers under agricultural soil and sand bits.	0	m ²
2.3	SECTION 02300-Earthwork		
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.	5776.06	m3
2.4.1	crushed aggregate base\sub-base Course.		
a.	200mm thick, base course layer under internal slabs on grade.	0	m ³
3.2.1	Plain concrete grade 15N/mm2		
a.	Blinding for foundation, footing, ground beams for school building,guard house, canteen.	209	m ³
b.	Blinding for boundary walls,underground water tank and site works.	80	m ³
3.2.2	Plain concrete grade 20M/mm ²		
	Mass concrete	7	m ³
3.2.3	Reinforced concrete grade 30 N/mm2		
a.	for foundation, footing, grade beams for school building, guard house, canteen	1498.05	m ³

b.	for slabs, beams, stairs for building, guard house, canteen	532.339	m ³
c.	For boundary walls including PVC water stops 250mm and weep holes.	600.575	m ³
d.	for site structures	0	m ³
3.2.4	Reinforced concrete grade 35 N/mm2		
a.	for walls and columns under slab on grade	158.935	m ³
b.	for walls and columns above slab on grade	184.351	m ³
c.	for underground water tank	81.977	m ³
3.2.5	Reinforced concrete grade 35N/mm2		
a.	For sewage tank and wherever requires	270.384	m ³
3.2.6	Reinforced concrete grade 20N/mm2		
a.	for slab on grade building, guard house and canteen.	533.804	m ³
3.5	SECTION 03200-CONCRETE REINFORCED		
3.5.1	Supply, cut, fabricate and install steel bar reinforcement of 420 N/mm2		
a.	for school building, guard house, canteen	379.056	ton
b.	For boundary walls	84.297	ton
c.	For underground water tank and sewage collection	69.198	ton
4.1	SECTION 04220-CONCRETE UNIT MASONRY.		
4.1.1	Supply and install concrete blocks		
a.	Hollow concrete rib block 400/360*320*200mm for school building.	3942	No.
7.1.2	Supply and install bituminous waterproofing. Membrane. With thickness not less than 4mm.		
b.	For underground water tank, sewage collection tank	444.216	m2
7.2.1	Supply and apply three perpendicular coats cold fluid		
a.	For buildings: to all structural elements below slab on grade	5939.31	m2
b.	For boundary walls: to all structural elements below natural ground or finish level	2158.04	m2

e.	Beneath the sewage collecting tank foundation	722.38	m2
15.13	Section 15430 Water Reservoir Accessories		
a	Water reservoir accessories (Domestic)	60	L.S
15.22	Section 15410 above Ground Drainage above ground soil, waste overflow, venting and rain water UPVC pipes and fittings		
a	Diam. 50 mm	38.7	m
15.28	Section 15410 Below Ground Drainage UPVC Drainage Pipes And Fittings for Below Ground Installations		
a	Diam. 110 mm	49.05	L.S
16.7	Section 16200 Main and external Power Cables Supply, install, connect and commission main and external power cables.		
a	2 Nos. (4x300 mm ² CU/XLPE/SWA/PVC) from the proposed power transformer to MDB.	2.4	m
b	(4x10 + 1x10mm ² CU/XLPE/SWA/PVC) from MDB to DB-EX inside the guard room.	2.4	m
c	(3x10 mm ² CU/XLPE/SWA/PVC) from MDB to DB-GR inside the guard room	2.4	m
d	(4x6 + 1 x6 mm ² CU/XLPE/SWA/PVC) from MDB to DCWP-1.	2.4	m
d	(3x6mm ² CU/XLPE/SWA/PVC) from MDB to SP.1.	2.4	m
16.9	Section 16300 Wiring Devices Socket Outlets Supply, install, test and connect the following socket outlets.		
c	13A, 230V single phase, 3-PIN single socket outlet with switch and indication lamp, connected to UPS panel for cameras.	0.8	No.
g	20A double pole switch with indication lamp wall mounted.	0.4	No.
m	13A, 230V single phase, 3-PIN single socket outlet with switch ceiling mounted for projects	1	No.
16.11	Internal Lighting Points Supply, install and connect lighting points.		
a	Internal lighting point	137	No.

b	Wall and ceiling exhaust fan points	4	No.
16.19	Section 16730 Fire Detection System Supply, install, test and commission conventional .		
b	24VDC Conventional Photoelectric Smoke detector	3.45	No.
c	24VDC Conventional Rate of rise heat detector	0.45	No.
d	24VDC Conventional Manual Pull Station	0.45	No.
e	2VDC Conventional Indoor Siren/Flasher	0.45	No.
16.2	Section 16710 Structure Cabling System supply, install, terminate, test and commission structured cabling system		
d	Ditto as (b) but ceiling mounted for future projector monitor	0.5	No.
16.21	Section 16740 Program Change Bell system Supply, install and commission program change Bell system		
a.	230VAC , 8" bell	0.1	No.
16.23	Section 16760 Audio/Video and Public address Systems Supply, install, test and commissioning AV system		
g	6 watt full range wall mounted with matching transformer	0.4	No.
u	Provision of empty of Ø32mm PVC conduit from teacher desk till projector location with pull wire	27.2	No.
16.25	Section 16755 Intrusion System Supply, install, terminate, test and commission security intrusion system.		
b	Metal magnetic contact	0.1	No.
16.29	Section 16670 Lightning Protection System Supply, install, test and commission lightning protection system .	0.25	L.S

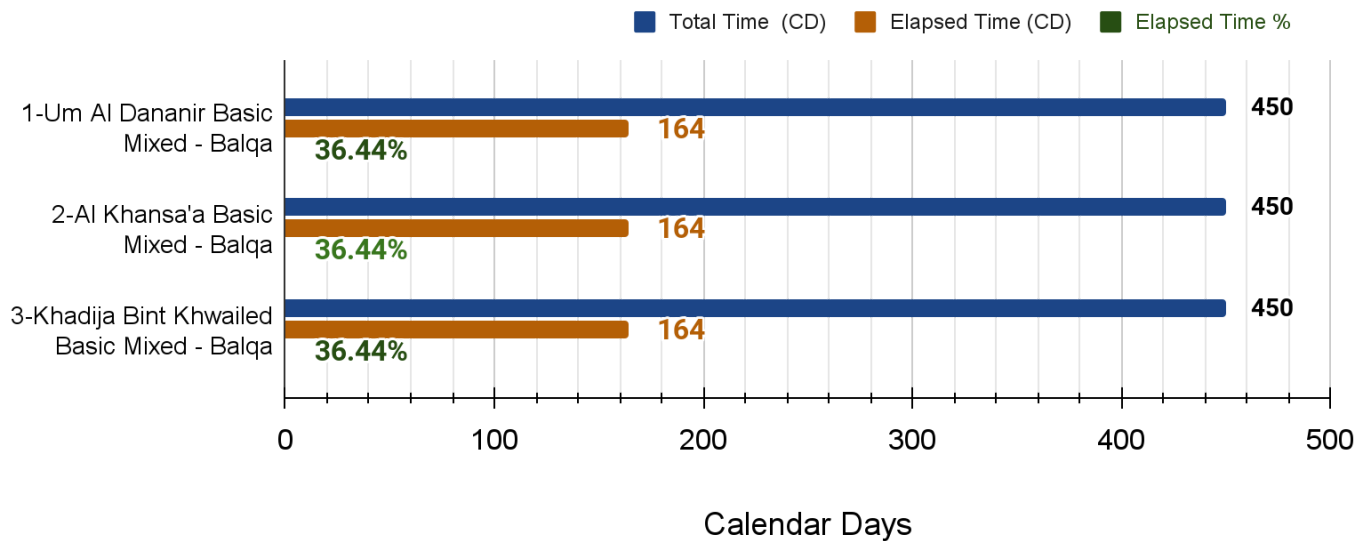
3.4 Mobilization Tracking Log

- https://docs.google.com/spreadsheets/d/1VjUJALi3uw-A-2IBLPQU2Yrv5p6Wy1DMJm_xHev7xQ4/edit?usp=sharing

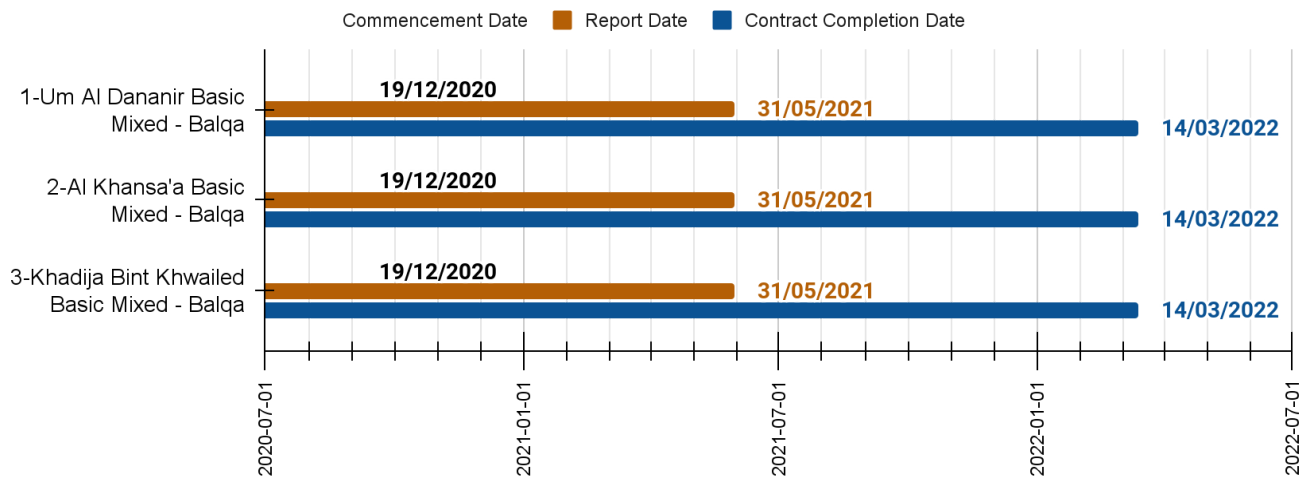
4 | Project Time and Duration

PGK 1 Report Date	2021-05-31				
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	164	36.44%
2-Al Khansa'a Basic Mixed - Balqa	450	0	450	164	36.44%
3-Khadija Bint Khwailed Basic Mixed - Balqa	450	0	450	164	36.44%

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	2021-05-31	2022-03-14
2-Al Khansa'a Basic Mixed - Balqa	2020-12-19	2021-05-31	2022-03-14
3-Khadija Bint Khwailed Basic Mixed - Balqa	2020-12-19	2021-05-31	2022-03-14



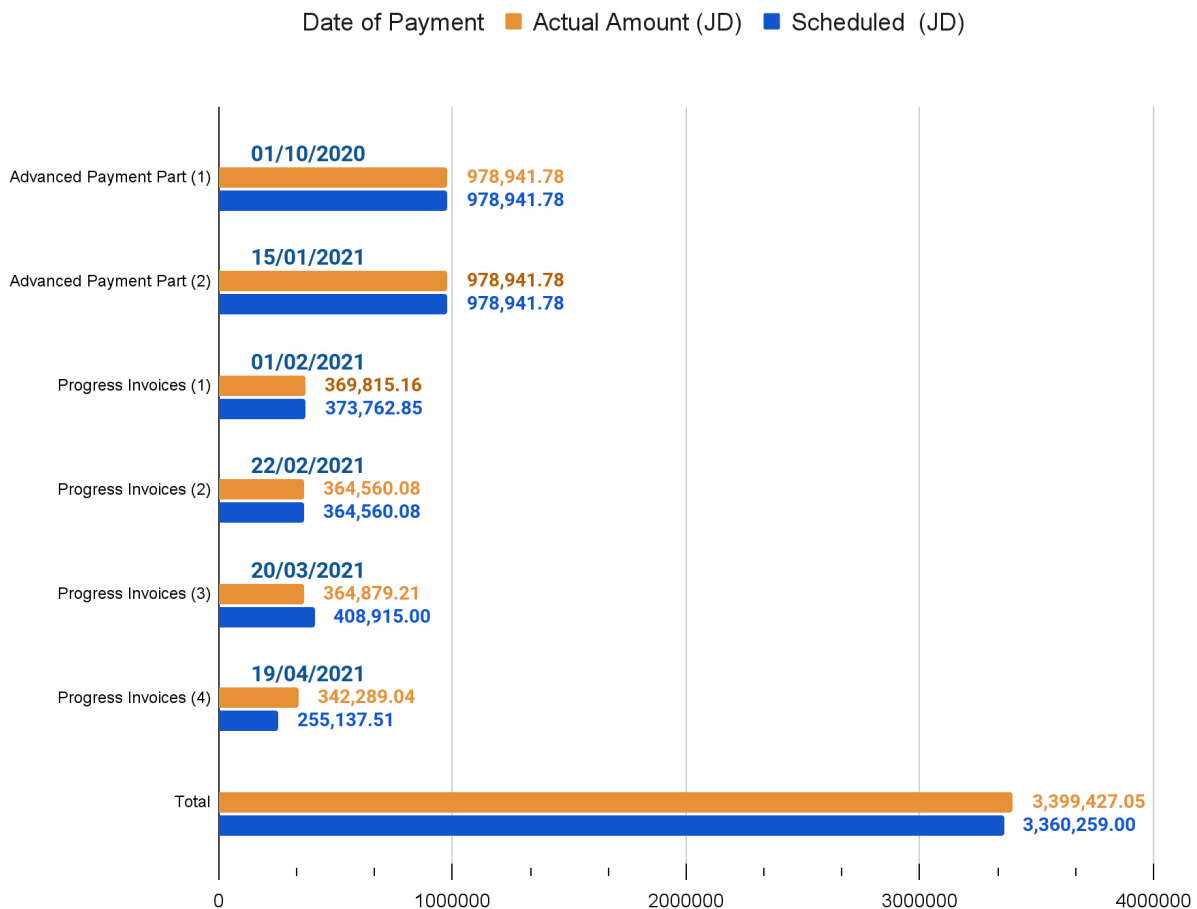
5 | Project Contract & V.O's

Package 1 Contract & V.O's							
School Name	Contract Value JD		Provisional Sums JD		V.O.		Total Contract Value JD
	Original	After 6 % Deduction	Geotechnical Tests	Conveying System			
Khadija Bint Khwailed Basic Mixed School	3,001,919.70	2,821,804.52	11,000.00	25,000.00		29,605.00	2,887,409.52
Um Al Dananir Basic Mixed School	3,260,798.90	3,065,150.97	11,000.00	25,000.00		0	3,101,150.97
Al Khansa' Basic Mixed School-Al Balqa	3,758,331.10	3,532,831.23	11,000.00	25,000.00		0	3,568,831.23
General Requirement JD	171,948.00	161,631.12					161,631.12
Total	10,021,049.70	9,419,786.72	108,000.00			0	9,719,022.84
Provisional sum (Utilities)							100,000.00
Total Amount							9,819,022.84

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	369,815.16	373,762.85
Progress Invoices (2)	22/02/2021	364,560.08	364,560.08
Progress Invoices (3)	20/03/2021	364,879.21	408,915.00
Progress Invoices (4)	19/04/2021	342,289.04	255,137.51
Total		3,399,427.05	3,360,259.00

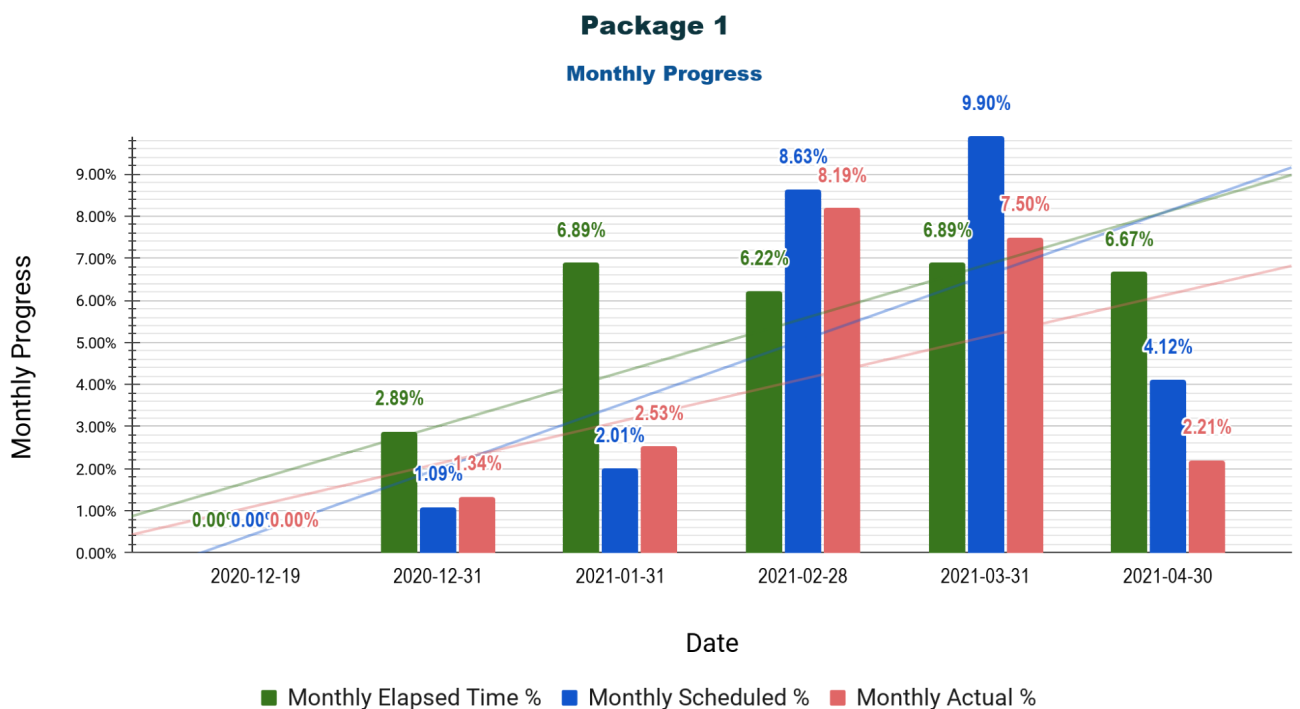
Package 1- Cash Flow



7 | Progress

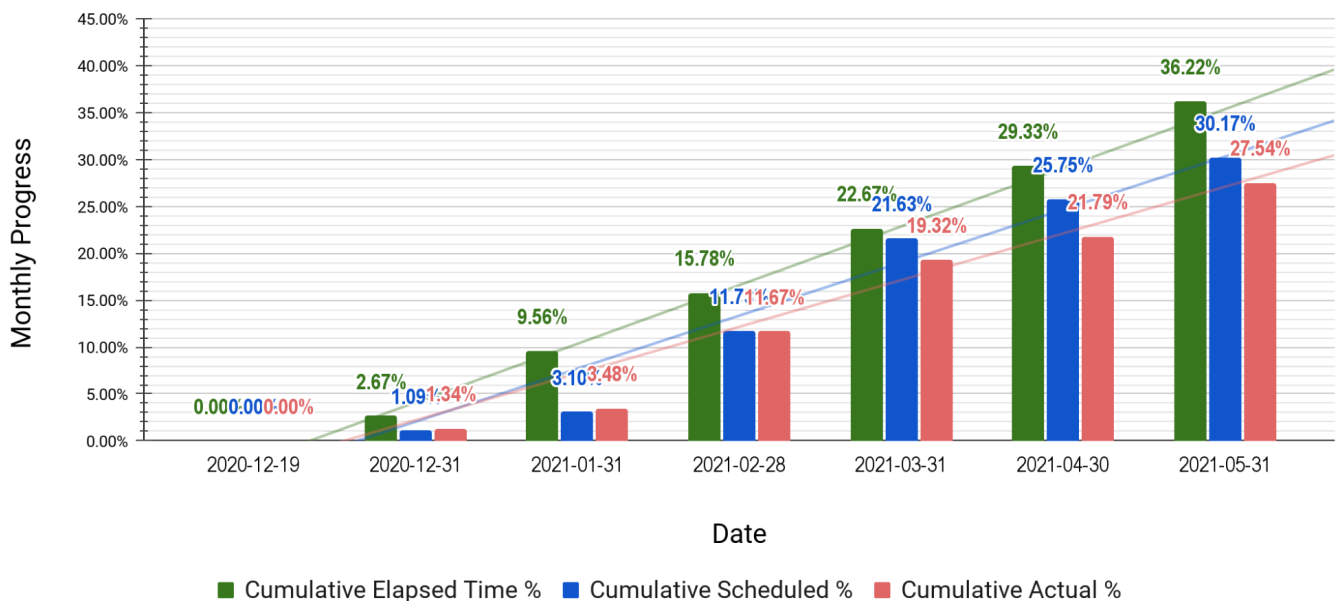
7.1 Average Progress

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%	2.14%
2021-02-28	6.22%	8.63%	8.19%
2021-03-31	6.89%	9.90%	7.65%
2021-04-30	6.67%	4.12%	2.47%
2021-05-31	6.89%	4.43%	5.75%



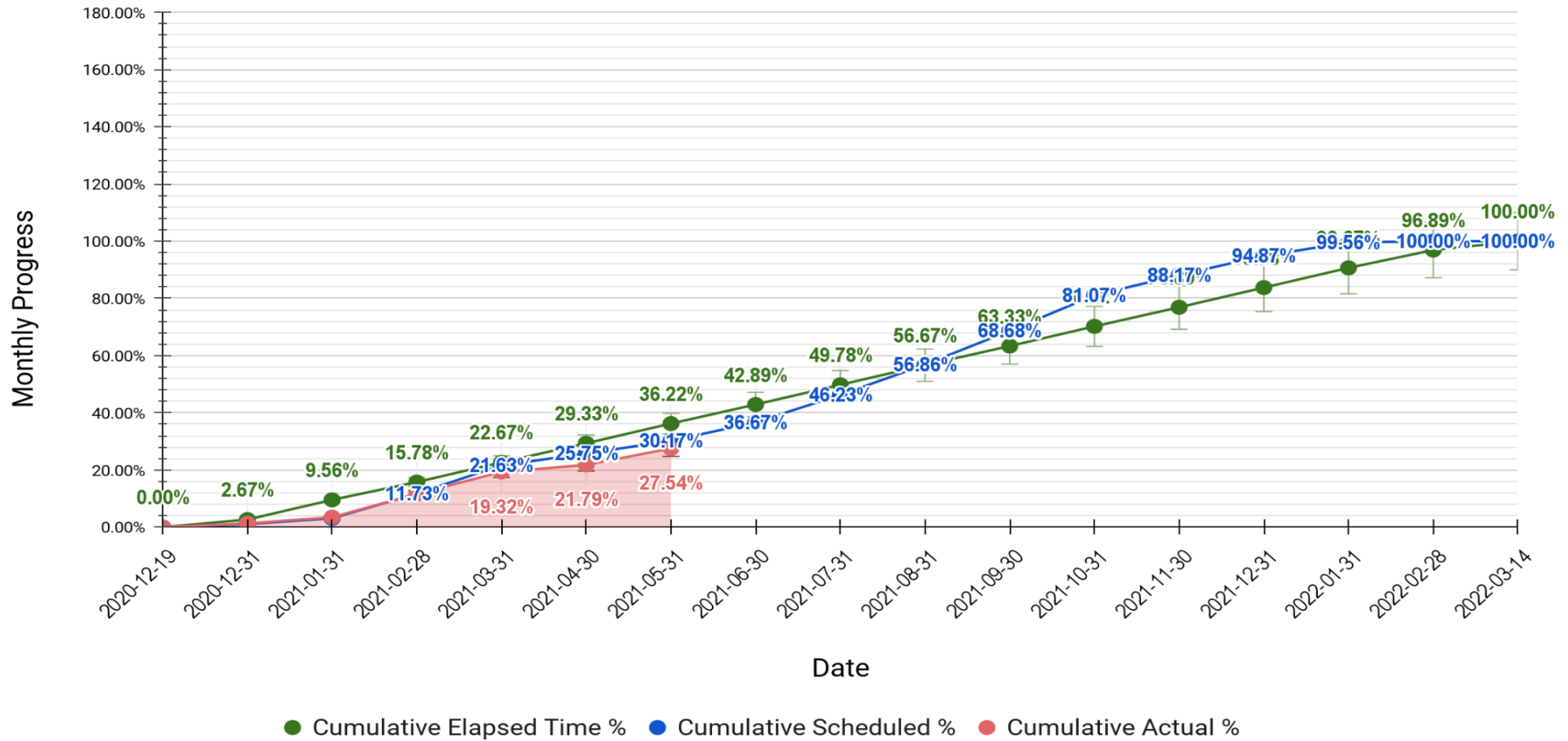
Package 1 Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	1.09%	1.34%
2021-01-31	9.56%	3.10%	3.48%
2021-02-28	15.78%	11.73%	11.67%
2021-03-31	22.67%	21.63%	19.32%
2021-04-30	29.33%	25.75%	21.79%
2021-05-31	36.22%	30.17%	27.54%

Package 1
Cumulative Progress



Package 1 Average For Three Sites

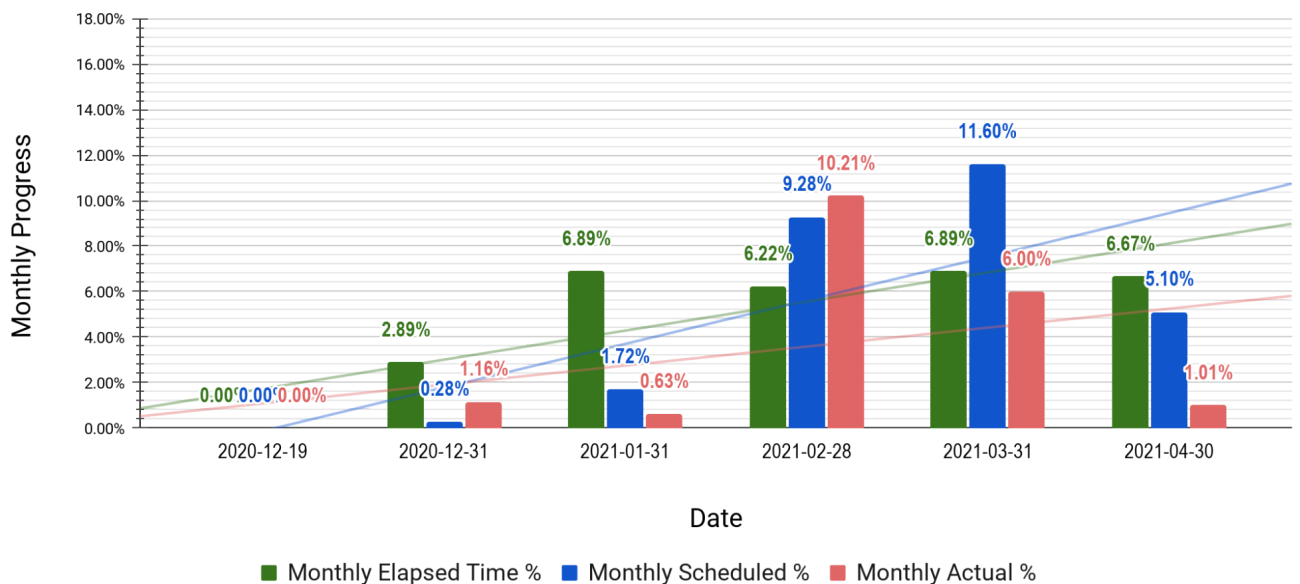
Cumulative Progress



7.2 Um Al Dananir Basic Mixed School – Balqa

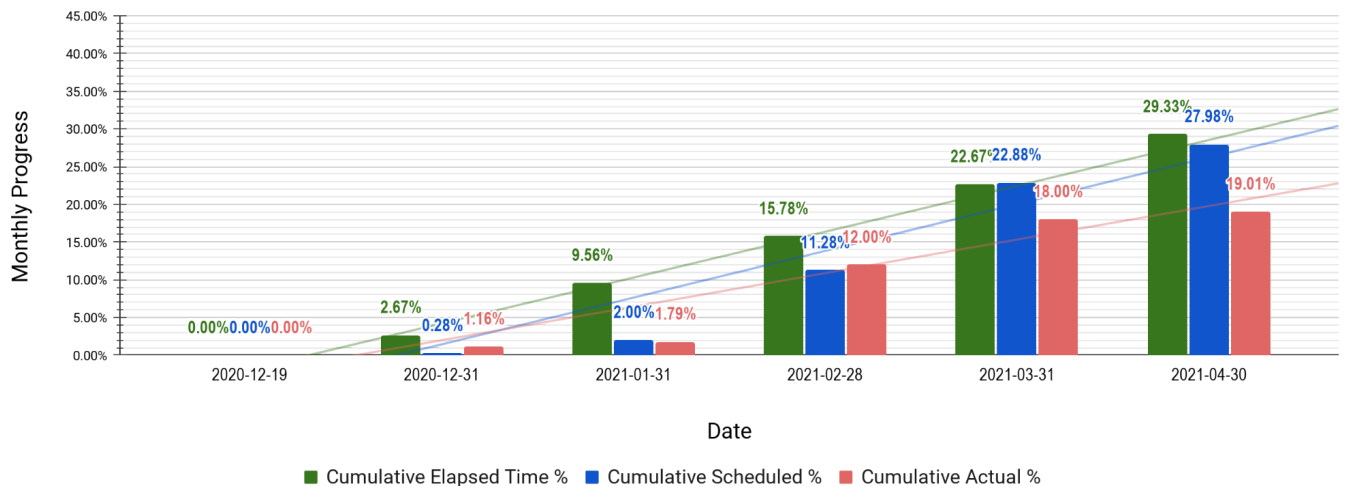
Package 1 Um Al Dananir Basic Mixed - Balqa			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.89%	0.28%	1.16%
2021-01-31	6.89%	1.72%	0.63%
2021-02-28	6.22%	9.28%	10.21%
2021-03-31	6.89%	11.60%	6.00%
2021-04-30	6.67%	5.10%	1.01%
2021-05-31	6.89%	5.54%	5.99%

Package 1 Um Al Dananir Basic Mixed - Balqa
Monthly Progress

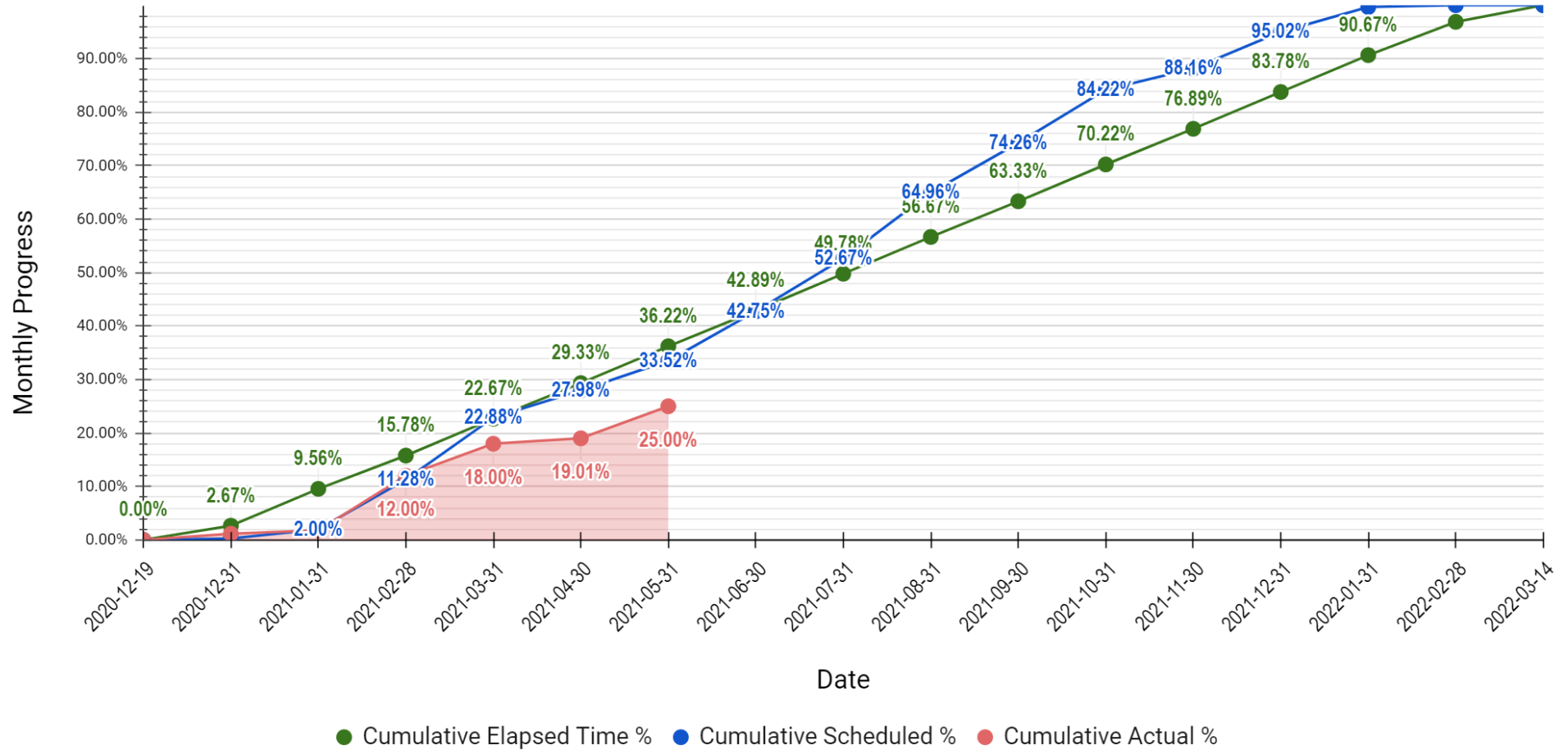


Package 1 Um Al Dananir Basic Mixed - Balqa			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	0.28%	1.16%
2021-01-31	9.56%	2.00%	1.79%
2021-02-28	15.78%	11.28%	12.00%
2021-03-31	22.67%	22.88%	18.00%
2021-04-30	29.33%	27.98%	19.01%
2021-05-31	36.22%	33.52%	25.00%

Package 1 Um Al Dananir Basic Mixed - Balqa
Cumulative Progress



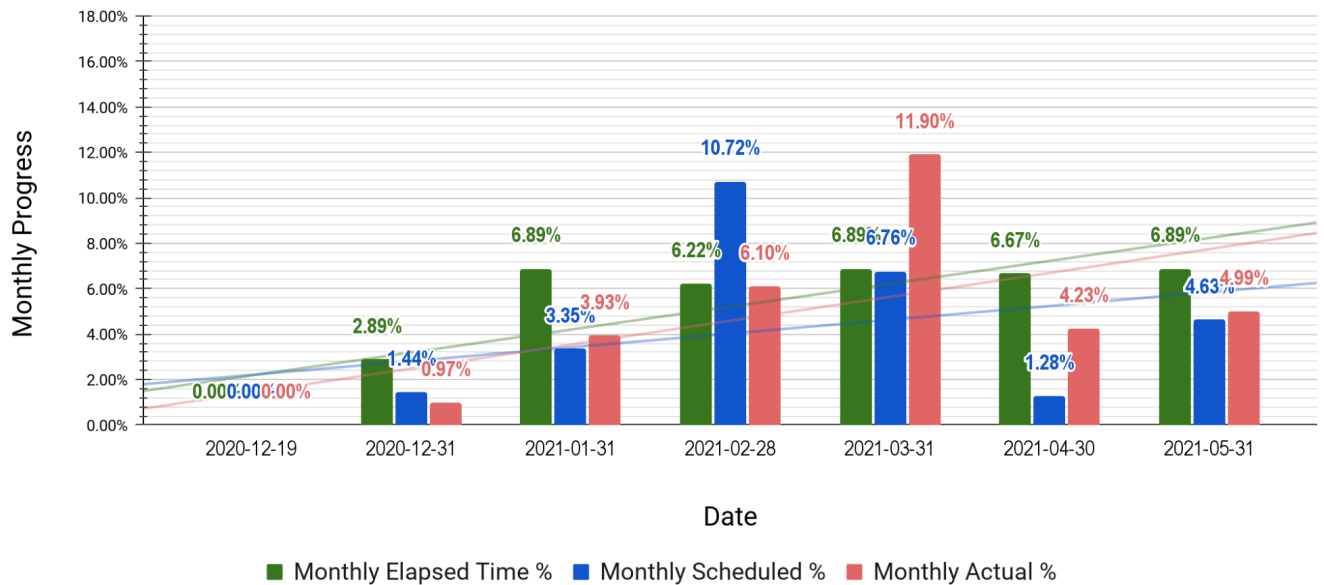
Package 1 Um Al Dananir Basic Mixed - Balqa
Cumulative Progress



7.3 Al Khansa'a Basic Mixed School – Balqa

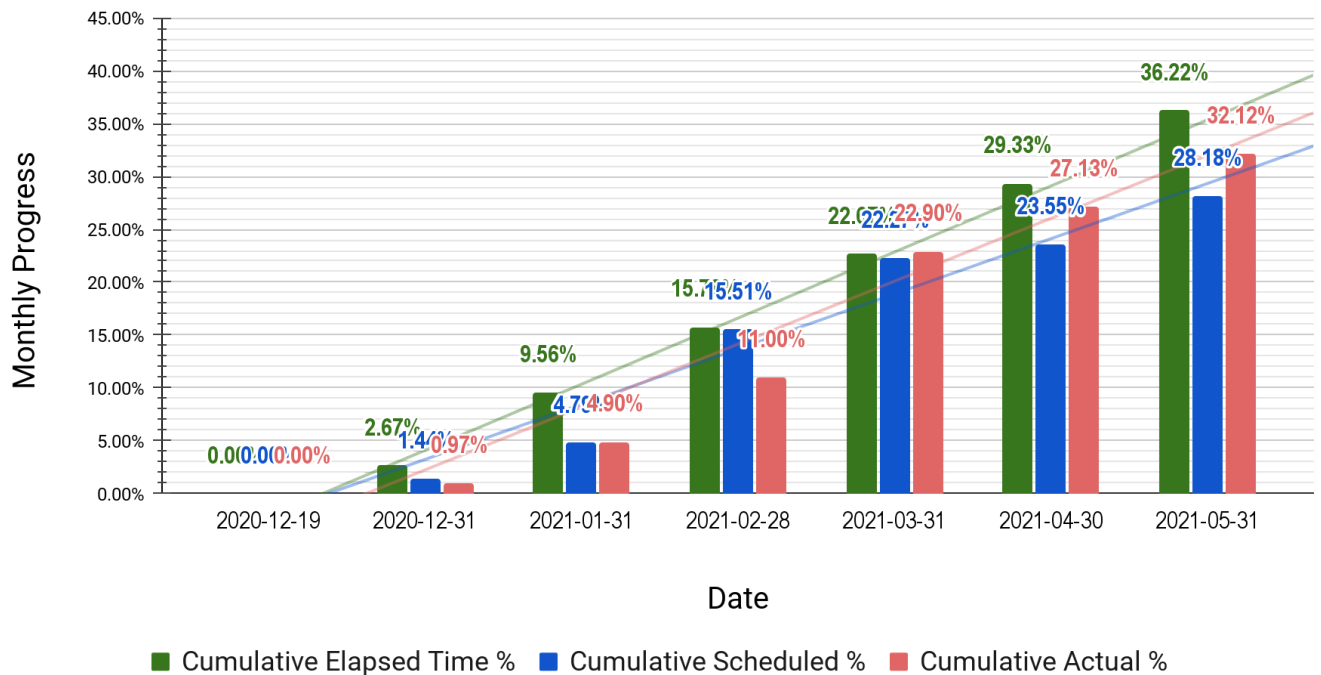
Package 1 Al Khansa'a Basic Mixed - Balqa			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.89%	1.44%	0.97%
2021-01-31	6.89%	3.35%	3.93%
2021-02-28	6.22%	10.72%	6.10%
2021-03-31	6.89%	6.76%	11.90%
2021-04-30	6.67%	1.28%	4.23%
2021-05-31	6.89%	4.63%	4.99%

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



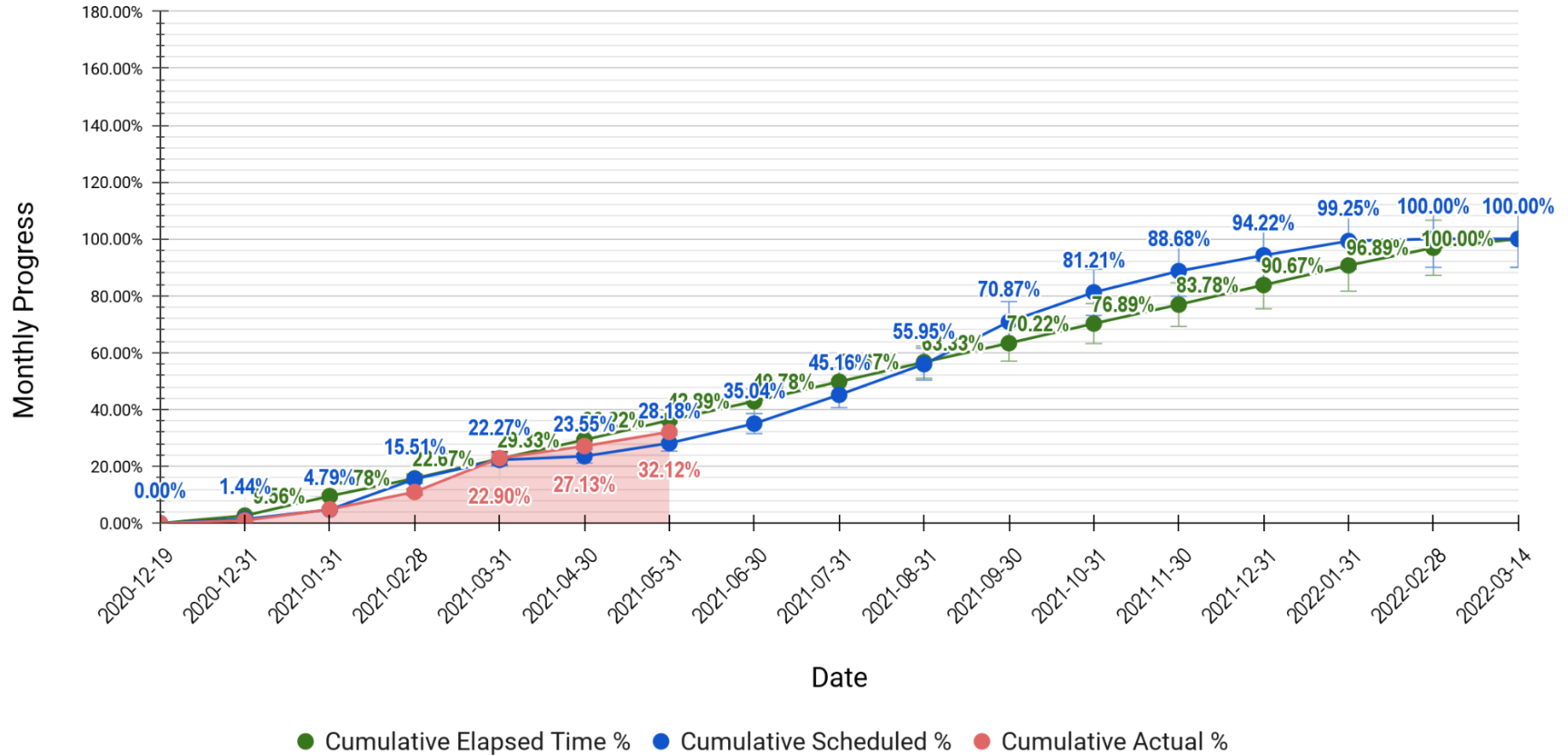
Package 1 Al Khansa'a Basic Mixed - Balqa			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	1.44%	0.97%
2021-01-31	9.56%	4.79%	4.90%
2021-02-28	15.78%	15.51%	11.00%
2021-03-31	22.67%	22.27%	22.90%
2021-04-30	29.33%	23.55%	27.13%
2021-05-31	36.22%	28.18%	32.12%

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



Package 1 Al Khansa'a Basic Mixed - Balqa

Cumulative Progress

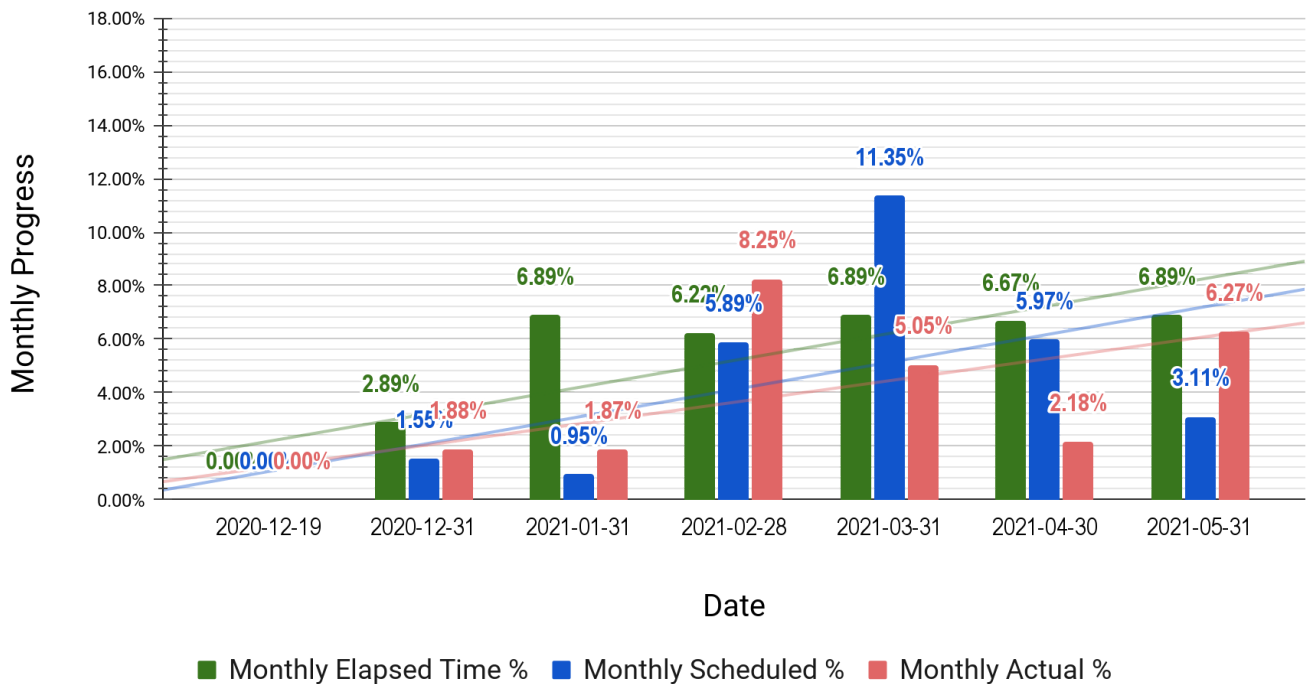


7.4 Khadija Bint Khwailed Basic Mixed School- Balqa

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%	2.18%
2021-05-31	6.89%	3.11%	6.27%

Package 1 Khadija Bint Khwailed Basic Mixed - Balqa

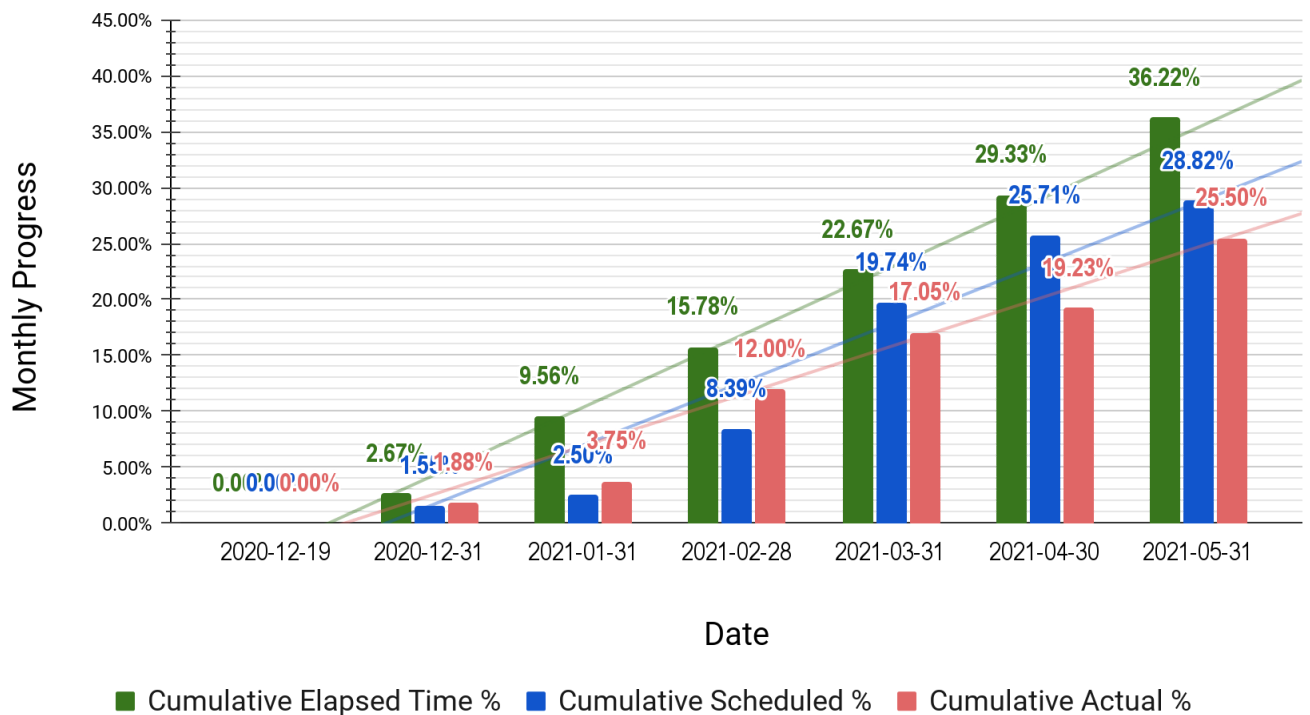
Monthly Progress



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%	19.23%
2021-05-31	36.22%	28.82%	25.50%

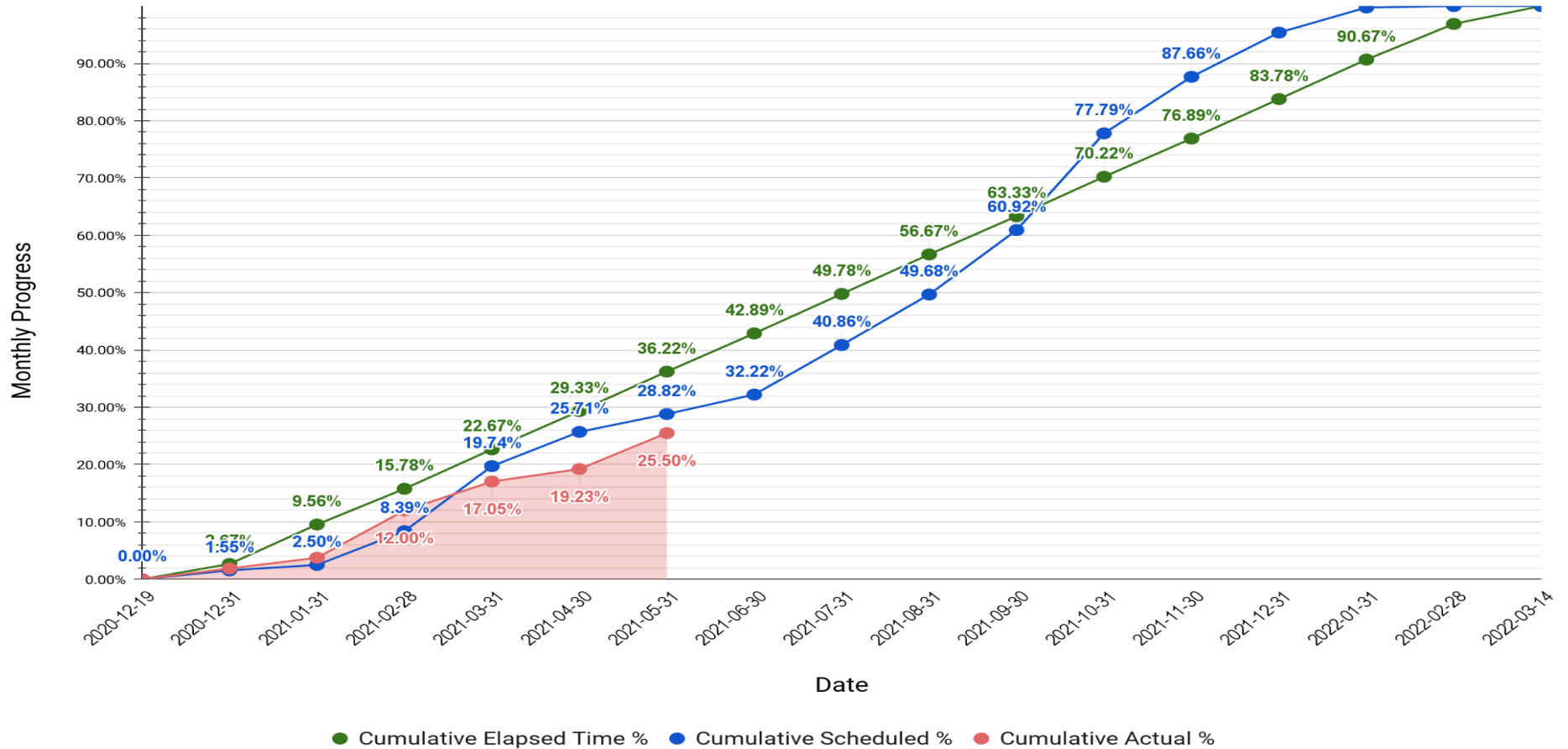
Package 1 Khadija Bint Khwailed Basic Mixed - Balqa

Cumulative Progress



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 %
2021-05-31	36.22%	30.17%	27.54%

The difference Between Scheduled and Actual is **-2.63%**

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 %
2021-05-31	36.22%	33.52%	25.00%

The difference Between Scheduled and Actual is **-8.52%**

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 %
2021-05-31	36.22%	28.18%	32.12%

The difference Between Scheduled and Actual is **3.94%**

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 %
2021-05-31	36.22%	28.82%	25.50%

The difference Between Scheduled and Actual is **-3.32%**

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

PKG 1 Summary of Submitted Materials

Summary of Submitted Materials	Total No. of Materials to be Submitted	Total No. of Submitted Materials	Submitted Materials (%)	Non Submitted Materials (%)
Structural	20	17	85%	15%
Architectural	50	22	44%	56%
Electrical	27	24	89%	11%
Mechanical	53	41	77%	23%

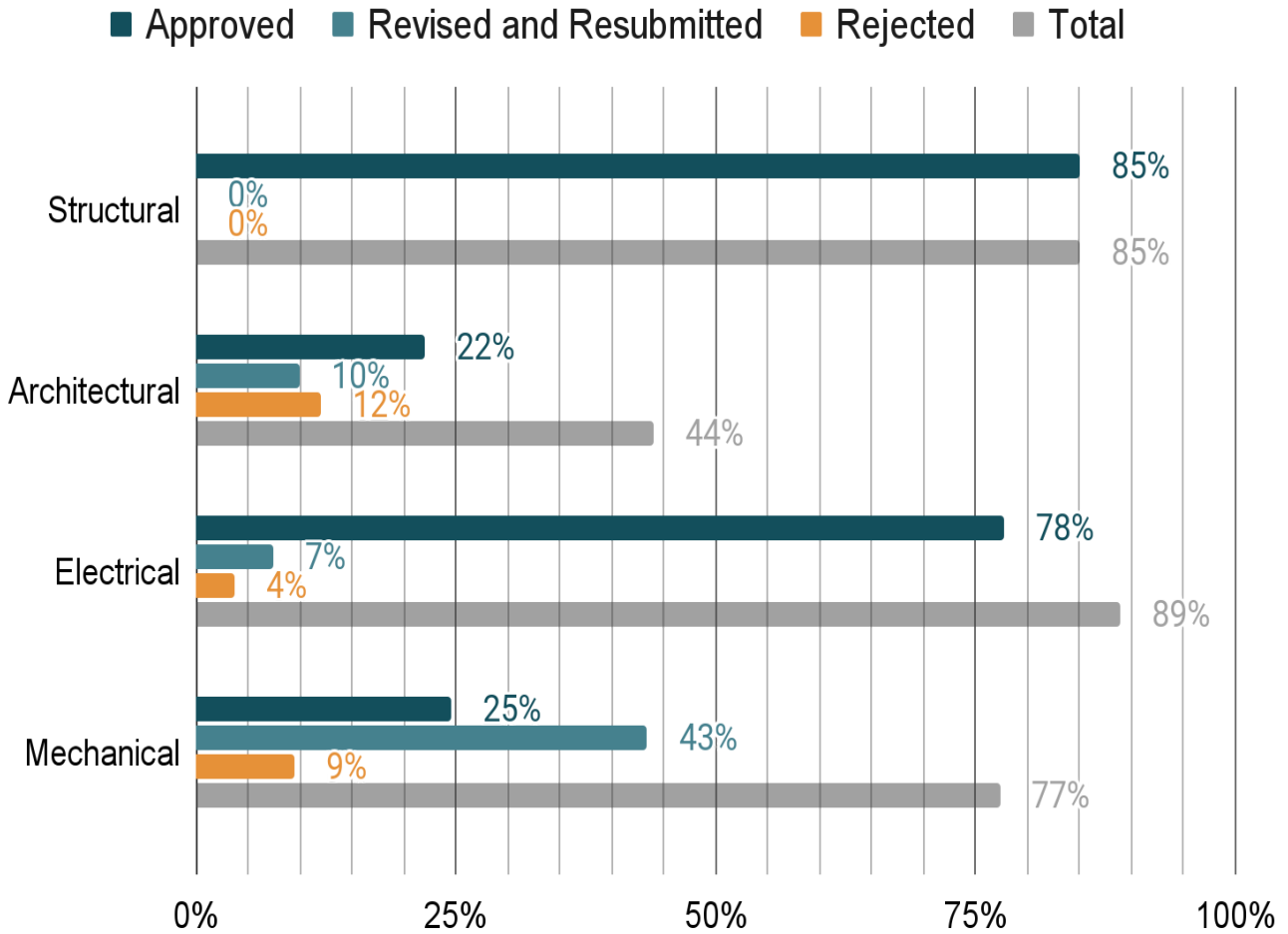
PKG 1 Summary of Submitted Materials (No.)

Item	Approved	Revised and Resubmitted	Rejected	Total
Structural	17	0	0	17
Architectural	11	5	6	22
Electrical	21	2	1	24
Mechanical	13	23	5	41

PKG 1 Summary of Submitted Materials (%)

Item	Approved	Revised and Resubmitted	Rejected	Total
Structural	85%	0%	0%	85%
Architectural	22%	10%	12%	44%
Electrical	78%	7%	4%	89%
Mechanical	25%	43%	9%	77%

PKG 1 Summary of Submitted Materials



8.2 Shop Drawings & Submittal Tracking LOG

- <https://docs.google.com/spreadsheets/d/1n1mK4T1X7u7Cb0Xq6ROMfColtUvu9IzgWaZjFdu90wY/edit?usp=sharing>

8.3 Materials Submittal Vendor List

- https://docs.google.com/spreadsheets/d/13TJ_wS1-muVcsEvLji4Rheq3jcjYHt6q-sLonXp89Vg/edit?usp=sharing

9 | Correspondence Tracking Logs

- <https://docs.google.com/spreadsheets/d/1yGerfSn67Ef4Wn8j10FNtgKzUWTWWRm4fQfm0u3y5E0/edit?usp=sharing>

10 | Non-conformance Report Tracking Log (HSE)

- https://docs.google.com/spreadsheets/d/17GCLdJStf6WvM_XjOGaGVJCV5ML1m-vidPlkNuvL5M/edit?usp=sharing

11 | Request For Information Tracking Logs

11.1 RFIs-Designer

- https://docs.google.com/spreadsheets/d/1x8X4BdHNvtGJi-jkmJeAEwnb1ArPa7_Dda-HUkSpH9A/edit?usp=sharing

11.2 RFIs-Contractor

- <https://docs.google.com/spreadsheets/d/1oN7WnUPhSkwkVKxx9OyXZYY9KF0qdWru7xjrqcHN914/edit?usp=sharing>

12 | Site problems and Solutions

12.1 Um-Aldananir Basic Mixed School- Balqa

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

Solution:

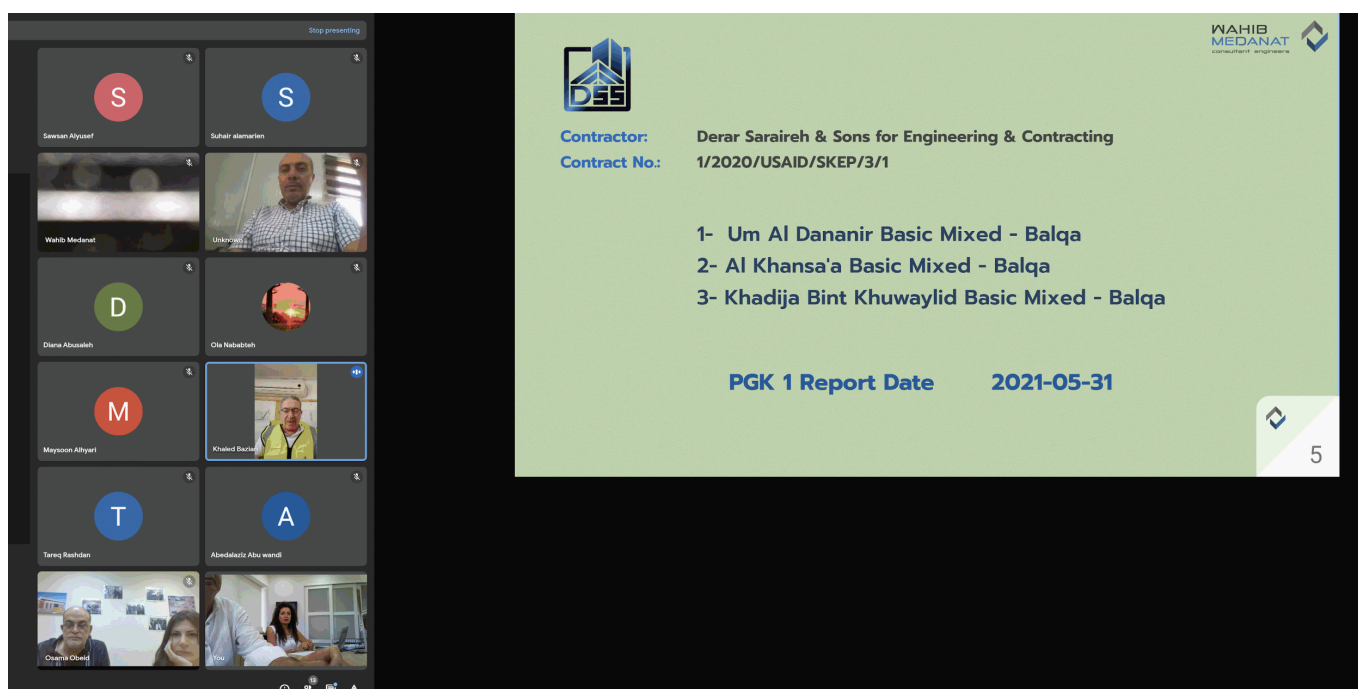
- Letters were sent to MPWH in this regard.
- MPWH addressed both MOE and MOL.
- MPWH addressed the Ministry of Local Administration on 09/05/2021 saying that the construction works will be executed as per design, and that they must close the street for this purpose.
- MPWH addressed the Water Authority to remove or relocate the existing sewerage outside the school plot.

Everything is awaiting the Employer's instructions.

13 | Meetings and Site Visits

13.1 Coordination & Progress Meetings

Coordination & Progress Meetings				
No.	Date	Location	Parties	Agenda
1	01/06/2021	Wahib Medanat Consultant Engineers Office	<ul style="list-style-type: none"> • MPWH • USAID • Trigon • Wahib Medanat • Derar Saraireh & Contr. 	Monthly progress Meeting: <ul style="list-style-type: none"> • Health, Safety and Environment. • Site borders and boundary walls/ Obstacles • Progress review in general • Construction Schedule and Update- using the construction schedule, review and projection/ the Contractor. • Quality Control • Status of Submittals



Contractor: Derar Saraireh & Sons for Engineering & Contracting
Contract No.: 1/2020/USAID/SKEP/3/1

1- Um Al Dananir Basic Mixed - Balqa
 2- Al Khansa'a Basic Mixed - Balqa
 3- Khadija Bint Khuwaylid Basic Mixed - Balqa

PGK 1 Report Date **2021-05-31**

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III-May 2021



Location: Zoom Meeting
Date: June 1, 2021
Time: 11:00
Present:



1. Eng. Bassima Shehan, HDIFP, 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. Abdelaziz Abu Wand, Civil Engineer, CMTO
7. Eng. Diana Abu Saleh, Planning Manager, CMTO
8. Eng. Wahib Medanat, General Manager, Medanat
9. Eng. Suhair Amarin, Project Director, Medanat
10. Eng. Natheer Amarin, Project Manager, Medanat
11. Eng. Hasan Shaqboua, Quality Manager, Medanat
12. Eng. Sawsan Al-Yousef, Resident Engineer, Medanat
13. Eng. Mahmoud Moghanam, Resident Engineer, Medanat
14. Mr. Muhanned Abuirsheid, General Manager, Dijlah
15. Eng. Amer Abdel Ghani, Project Manager, Dijlah
16. Eng. Khaled Bazian, Project Manager, Dirar Al Saraireh
17. 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 welcomed the attendees and gave an Introduction about the purpose of the meeting.

Package I

1. Training

Suhair gave a brief about training sessions conducted at the last month for the staff working in the project from both Engineer & Contractor including fresh graduates, and talked about the subject of the sessions conducted and future training plans.

2. Project Status

Mahmoud gave a brief about the package sites, the executed works, the work in progress, and the expected works for the next week.

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III-May 2021



3. Health, Safety and Environment

Suhair 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.



4. Time & Duration

- 4.1. 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.
- 4.2. Wahib stated that the elapsed time up to date is 164 C.D, which represents 36.44% of the project duration.

5. Contract Value & V.O's

Wahib gave a brief about Contract value and variation orders and that one VO approved up to date.

6. Cash Flow

Wahib presented the cash flow and interim invoices up to date.

7. Status of Submittals

- 7.1 Wahib gave a brief about the submitted materials and percentage of submitted, approved, and rejected material submittals compared by the total number of submittals to be submitted.
- 7.2 Suhair stated that coordination meetings held with the Contractor to discuss the workshop drawings submittals, and the meetings were very useful.
- 7.3 Khalid stated that the said meetings were very helpful and will expedite the workshop drawings submission and approval, all pending issues were solved and he thanked Medanat for their cooperation.

8. Monthly & Cumulative Progress

- 8.1 Wahib presented the CPM diagram showing a comparison between the

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III-May 2021



accumulative actual progress (27.54%) for the whole package which shows a delay compared with the planned percentage (30.17 %).

- Um Al Dananir School: actual monthly progress is 5.99%, the planned percentage is 5.54%. Actual accumulative progress is 25%, the planned percentage 33.52%.
- Al Khansa' School: actual monthly progress is 4.99%, the planned percentage is 4.62 %. Actual accumulative progress is 32.12%, the planned percentage 28.18 %.
- Khadija School: actual monthly progress is 6.27%, the planned percentage is 3.11%. Actual accumulative progress is 25.50%, the planned percentage 28.82%.



8.2 Wahib said that the Contractor must justify the delay occurred for the second month at Um Al Dananir site and Khadija site.

8.3 Khalid promised to make efforts to overcome the delays during next month at Um Al Dananir site especially that the substructure works are almost completed and the progress will be better in super structural works. And for Khadija site, it will be back to track within 2 weeks, especially that the boundary wall obstacle have been solved.

9. Site Obstacles

- 9.1 The plot limits problem at Khadija School -existing boundary wall where an encroaching neighbor's wall, an approved V.O (additional quantities of the new wall) issued and the Contractor started the work.
- 9.2 The plot limits Um Al Dananir School where the current street and an encroaching neighbor's wall inside the school plot.
- 9.3 Letters sent by MPWH to Ministry of Local Administration, MOE, Water Authority in order to solve the recent issue.
- 9.4 Khalid said that the obstacles should be solved to allow DSS to continue their works without any interruptions.

10. Quality Control:

- 10.1 Hasan QC Manager generally the quality of works is acceptable, but sometimes defects appear especially in concrete surface, and for that, special repair materials have been approved and used to fix and repair any defects under our team's follow up for all steps

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III-May 2021



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consultant engineers
WAHIB MEDANAT
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- of repair.
- 10.2 Hasan presented photos from the sites as a sample of the work quality and repair process.
 - 10.3 Osama stated that the quality at Pkg I sites is good as witnessed through CMTO site visits, but there is a notice by Eng. Abdulaziz.
 - 10.4 Abdulaziz, CMTO stated that during the last visit to Pkg I sites, it was noted that the quality was very good at Al Khansa' site, but in Khadija site the quality was less, but better than before.
 - 10.5 Abdulaziz stated that after inspection of one column at Khadija school the column showed 4cm off its plump alignment, which is not acceptable, the site Engineers have been addressed but we didn't receive any answer. If it was rectified, and what happened in the next columns.
 - 10.6 Khalid stated that a joint study done by Engineer and the Contractor using surveying instruments and it was found that the eccentricity of the column was minor, steel reinforcement bars at their correct position and the defect is only in the shape of the column, which can be rectified using the proper materials as per the QC Manager instructions. And a report can be submitted to show all steps of the process.
 - 10.7 Hasan stated that he will follow up and get the case rectified, and stated that corrective actions taken in Khadija improved the quality of concrete and next visit will approve that.

11. Different issues

- 1.1. Suhair thanked Derar's team for response to Medanat's requests and for complying with Contract Requirements and she stated that there are intensive meetings have been conducted between Medanat architects and Derar's team to finish workshop drawings.
- 1.2. Regarding submittals, the Contractor is complying.


13.2 Site Visits

Site Visits				
No.	Date	Location	Parties	Agenda
1	19/05/2021	Khadija Bint Khwailed Basic Mixed School- Al Shouna Al Janobia	<ul style="list-style-type: none"> • CMTO, Eng. Abdulaziz Abu Windi, Eng. Odai Tawalbeh • Wahib Medanat • Derar Saraireh Eng & Contr. 	<ul style="list-style-type: none"> • Health, safety, and Environment (HSE) • The visitors commented on the protection rail on the slab, and requested adding a handrail as there is only mid rail. • The visitors advised to increase the protection around deep excavations (BW) • Quality: <ul style="list-style-type: none"> - Progress and schedule: the site engineer presented the actual progress in comparison with the planned progress up to date along with manpower average. • The visitors inquired about the obstacles (the boundary wall) and about the delay in casting SOG, and the specified insulation for the water tank. • They also checked the alignment of one of the casted columns. • The visitors discussed different site work issues.

2	19/05/2021	Al Khansa Basic Mixed School- Balqa	<ul style="list-style-type: none"> • CMTO, Eng. Abdulaziz Abu Windi, Eng. Odai Tawalbeh • Wahib Medanat • Derar Saraireh Eng & Contr. 	<ul style="list-style-type: none"> • Health, safety, and Environment (HSE) • The visitor commented on the protection rail on the slab, and requested to add handrail as there is only mid rail. • The visitors advised fixing the protection mesh on the excavation side. • Quality: <ul style="list-style-type: none"> - Progress and schedule: the site engineer presented the actual progress in comparison with the planned progress up to date along with manpower average. • The visitors asked about specified insulation for the water tank & septic tank. • They also discussed different site works issues
3	24/05/2021	Um Al Dananir Basic Mixed School- Balqa	<ul style="list-style-type: none"> • MPWH, Control & Inspection Directorate, Eng. Jihad Swelim • Wahib Medanat • Derar Saraireh Eng & Contr. 	<ul style="list-style-type: none"> • Checking staff credibility and commitment to working hours. • Inspecting work progress.
4	31/05/2021	Khadija Bint Khwailed Basic Mixed School- Al Shouna Al Janobia	<ul style="list-style-type: none"> • MPWH Control & Inspection Directorate • Wahib Medanat • Derar Saraireh Eng & Contr. 	<ul style="list-style-type: none"> • Checking staff credibility and commitment to working hours. • Inspecting work progress.

Trigon Visit, May 19, 2021– Khadija Bint Khwailed Basic Mixed School – Al Shouna Al Janobia

(Refer to 13.2 Site Visits Table)

 <p>The image shows a large project sign for the Schools for Knowledge Economy Project. The sign is divided into several horizontal sections, each containing text in English and Arabic. At the top, there are logos for USAID, the Kingdom of Saudi Arabia, and the Ministry of Education and Higher Education. The main title is 'SCHOOLS FOR KNOWLEDGE ECONOMY PROJECT' with 'Phase 3 / Package 1' and 'Khadija Bint Khwailed Basic Mixed School' below it. The sign lists the following details:</p> <ul style="list-style-type: none">Owner: Ministry Of Education (المالك: وزارة التربية والتعليم)Employer: Ministry Of Public Works And Housing (صاحب العمل: وزارة الأشغال العامة والإسكان)Financier: United States Agency For International Development (USAID) (تمويل: الوكالة الأمريكية للتنمية الدولية (USAID))Designer: Engicon (تصميم: شركة المستشار للهندسة)Consultant: Wahib Medanat Consultant Engineers (الاستشاري: وهيب مدانات مهندسون مستشارون)Contractor: Derar Saraireh & Sons For Engineering and Contracting (المقاول: شركة ضرار الصرايرة وأولاده للهندسة والتعهدات)Contract Number: 1/2020/USAID/SKEP/3/1 (رقم العطاء: 1/2020/USAID/SKEP/3/1)Duration Of Contract: 450 days (مدة المشروع: ٤٥٠ يوما)	Project ID Sign on Site
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Temperature check, sterilization and signing visitors' attendance sheet at the entrance of the site, complying with Covid-19 Protocol





Reinforcement steel fixing and formwork shuttering works are ongoing at section B.

Base course fill materials are continually failing compaction tests



Observing work progress



Discussing site obstacle (encroaching neighbor's wall)



Checking ground floor columns alignment

Trigon Visit, May 19, 2021– Al Khansa Basic Mixed School – Balqa

(Refer to 13.2 Site Visits Table)

 <p>USAID SCHOOLS FOR KNOWLEDGE ECONOMY PROJECT Phase 3 / Package 1 Al Khansa' Basic Mixed School</p> <p>مشروع مدارس الاقتصاد المعرفي المرحلة الثالثة / الحزمة الأولى مدرسة القنصام الأساسية المختلطة</p> <p>Owner : Ministry Of Education المالك: وزارة التربية والتعليم</p> <p>Employer : Ministry Of Public Works And Housing صاحب العمل: وزارة الأشغال العامة والإسكان</p> <p>Financier : United States Agency For International Development (USAID) تمويل: الوكالة الأمريكية للتنمية الدولية (USAID)</p> <p>Designer : Engicon تصميم: شركة المستشار للهندسة</p> <p>Consultant : Wahib Medanat Consultant Engineers الإستشاري: وهيب مدانات مهندسون مستشارون</p> <p>Contractor : Derar Saraireh & Sons For Engineering and Contracting المقاول: شركة ضرار الصرايرة وأولاده للهندسة والتعهدات</p> <p>Contract Number : 1/2020/USAID/SKEP/3/1 رقم العطاء:</p> <p>Duration Of Contract : 450 days مدة المشروع : ٤٥٠ يوما</p>	<p>Project ID Sign on Site</p>
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Temperature check, sterilization and signing visitors' attendance sheet at the entrance of the site, complying with Covid-19 Protocol





Trigon team commented on the protection rail on the slab, and requested to add a handrail as there is only a mid rail.



Checking ongoing works







Discussing safety measures



De- Shuttering formwork for ground floor slab zone (A)

Trigon Visit, May 24, 2021– Um Al Dananir Basic Mixed School – Balqa

(Refer to 13.2 Site Visits Table)

	Project ID Sign on Site	
		
SCHOOLS FOR KNOWLEDGE ECONOMY PROJECT	مشروع مدارس الاقتصاد المعرفي	
Phase 3 / Package 1	المرحلة الثالثة / الحزمة الاولى	
Um Al Dananir Basic Mixed School	مدرسة أم الدنانير الاساسية المختلطة	
Owner :	المالك :	
Ministry Of Education	وزارة التربية والتعليم	
Employer :	صاحب العمل :	
Ministry Of Public Works And Housing	وزارة الاشغال العامة والاسكان	
Financier :	تمويل :	
United States Agency For International Development (USAID)	الوكالة الامريكية للتنمية الدولية (USAID)	
Designer :	تصميم :	
Engicon	شركة المستشار للهندسة	
Consultant :	الإستشاري :	
Wahib Medanat Consultant Engineers	وهيب مدانات مهندسون مستشارون	
Contractor :	المقاول :	
Derar Saraireh & Sons For Engineering and Contracting	شركة ضرار الصرايرة واولاده للهندسة والتعهدات	
Contract Number :	رقم العطاء :	1/2020/USAID/SKEP/3/1
Duration Of Contract : 450 days	مدة المشروع : ٤٥٠ يوما	




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



Eng. Jehad Sweilem checking staff credibility, commitment to working hours and inspecting work progress.

Trigon Visit, May 31, 2021– Khadija Bint Khwailed Basic Mixed School – Al Shouna Al Janobia

(Refer to 13.2 Site Visits Table)

 <p>SCHOOLS FOR KNOWLEDGE ECONOMY PROJECT Phase 3 / Package 1 Khadija Bint Khwailed Basic Mixed School</p> <p>المالك: وزارة التربية والتعليم Owner : Ministry Of Education</p> <p>صاحب العمل: وزارة الأشغال العامة والإسكان Employer : Ministry Of Public Works And Housing</p> <p>تمويل: الوكالة الأمريكية للتنمية الدولية (USAID) Financier : United States Agency For International Development (USAID)</p> <p>تصميم: شركة المستشار للهندسة Designer : Engicon</p> <p>الإستشاري: وهيب مدانات مهندسون مستشارون Consultant : Wahib Medanat Consultant Engineers</p> <p>المقاول: شركة ضرار الصرايرة وأولاده للهندسة والتعهدات Contractor : Derar Saraireh & Sons For Engineering and Contracting</p> <p>رقم العطاء: 1/2020/USAID/SKEP/3/1 Contract Number : 1/2020/USAID/SKEP/3/1</p> <p>مدة المشروع : ٤٥٠ يوما Duration Of Contract : 450 days</p>	<p>Project ID Sign on Site</p>
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Temperature check, sterilization and signing visitors' attendance sheet at the entrance of the site, complying with Covid-19 Protocol





Inspecting work progress.



A tour inside the construction site

13.3 Regular Monthly Site Visits

(Home Office Support)

Regular Monthly Sits Visits (Home Office Support)				
1	18/05/2021	Al Khansa Basic Mixed School- Balqa	<ul style="list-style-type: none"> • Engineer Rep. 	<ul style="list-style-type: none"> • Discussing the situation of the excavation side and the necessity of refixing the protective steel mech. • Following de-shuttering works for ground floor slab zone A. • Following the steel works and MEP works at first floor slab at zone A. • Inspecting erecting works/sitting out for ground floor slab at zone B. • Giving safety and housekeeping recommendations.
2	22/05/2021	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia		<ul style="list-style-type: none"> • Inspecting the backfill works for the base course after the retest results received a pass. • Following up the progress in erecting/sitting out works for columns. • Discussing the situation of the encroaching neighbor's wall, and instructing the Contractor to execute the boundary wall as an approved VO by MPWH. • Giving safety and housekeeping recommendations.

3	29/05/2021	Um Al Dananir Basic Mixed School- Balqa		<ul style="list-style-type: none">• Discussing work progress.• Following up the plot boundary situation (the adjoining street and neighbors wall).• Following up the basement slab casting zone B.• Inspecting the walls behind stone details and architectural openings on site.• Giving safety and housekeeping recommendations.
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Home office support visit, May 18, 2021 – Al Khansa 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.	039
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	Al Khansa'a Basic Mixed	Day/ Date	Tue. 18/05/2021
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 refix of temporary protective steel mesh
2	Follow up de-shuttering works for ground Floor slab zone A.
3	Follow up the Steel works and MEP works at first floor slab at zone A
4	Follow up erecting works/setting out for ground floor slab at zone B
5	General safety and housekeeping recommendations

Attached

1:

1

- CC: Project Director

Home office support visit, May 22, 2021 – Khadija Bint Khwailed Basic Mixed School- Al Shona Al Janobia- (Refer to 13.3 Home Office Support Table)







SKEP III

Site Visit Report

WAHIB
MEDANAT
consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	040
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	Sat. 22/05/2021
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 for base-course after the retest results (pass)		
2	Follow up the erecting /sitting out works for columns		
3	Discussing the situation of encroaching neighbor's wall, and instructing the contractor to execute the boundary wall as approved VO by MPWH		
4	General safety and housekeeping recommendations		
Attached			
<input type="checkbox"/> 1:			

1

- CC: Project Director

Home office visit, May 29, 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.	042
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	Um Al Dananir Basic mixed	Day/ Date	Sat. 29/05/2021
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 progress of works.		
2	Follow up the plot boundary for the school (Adjoining Street and neighbors wall).		
3	Follow up of basement slab casting zone B		
4	Follow up of walls behind stone details and architecture openings on site.		
5	General safety and housekeeping recommendations		
Attached			
<input type="checkbox"/> 1:			

1

- CC: Project Director

14 | Manpower Logs

14.1 Um–Aldananir Basic Mixed School– Balqa

14.2 Al Khansa’ Basic Mixed School– Balqa

14.3 Khadija Bint Khwailed Basic Mixed School– Balqa

- <https://docs.google.com/spreadsheets/d/1aUJNSu57BoOQTScixfIK0ArgInUY094mHUyHSiC7Rhs/edit?usp=sharing>

15 | Daily Plant and Equipment

15.1 Um–Aldananir Basic Mixed School– Balqa

15.2 Al Khansa’ Basic Mixed School– Balqa

15.3 Khadija Bint Khwailed Basic Mixed School– Balqa

- <https://docs.google.com/spreadsheets/d/15xO44Q-TrGZgiJq3h9Myx9xSTxKvn!GVi8GmEGwGYv0/edit?usp=sharing>

16 | Lab-test Results Tracking Log

16.1 Um-Aldananir Basic Mixed School- Balqa

16.2 Al Khansa' Basic Mixed School- Balqa

16.3 Khadija Bint Khwailed Basic Mixed School- Balqa

- ❑ https://docs.google.com/spreadsheets/d/1OZISyETGw-GW3gSj89vAxufCgzHOS4fZ7mNvlpC_U4s/edit?usp=sharing

17 | Obstacles Log (Site Obstacles)

- ❑ <https://docs.google.com/spreadsheets/d/1a82-hGAI6SZxtHUaRYrDyCRLzfkLwQML4MrtAcw10P8/edit?usp=sharing>

17.1 Um Al Dananir Basic Mixed School – Al Balqa

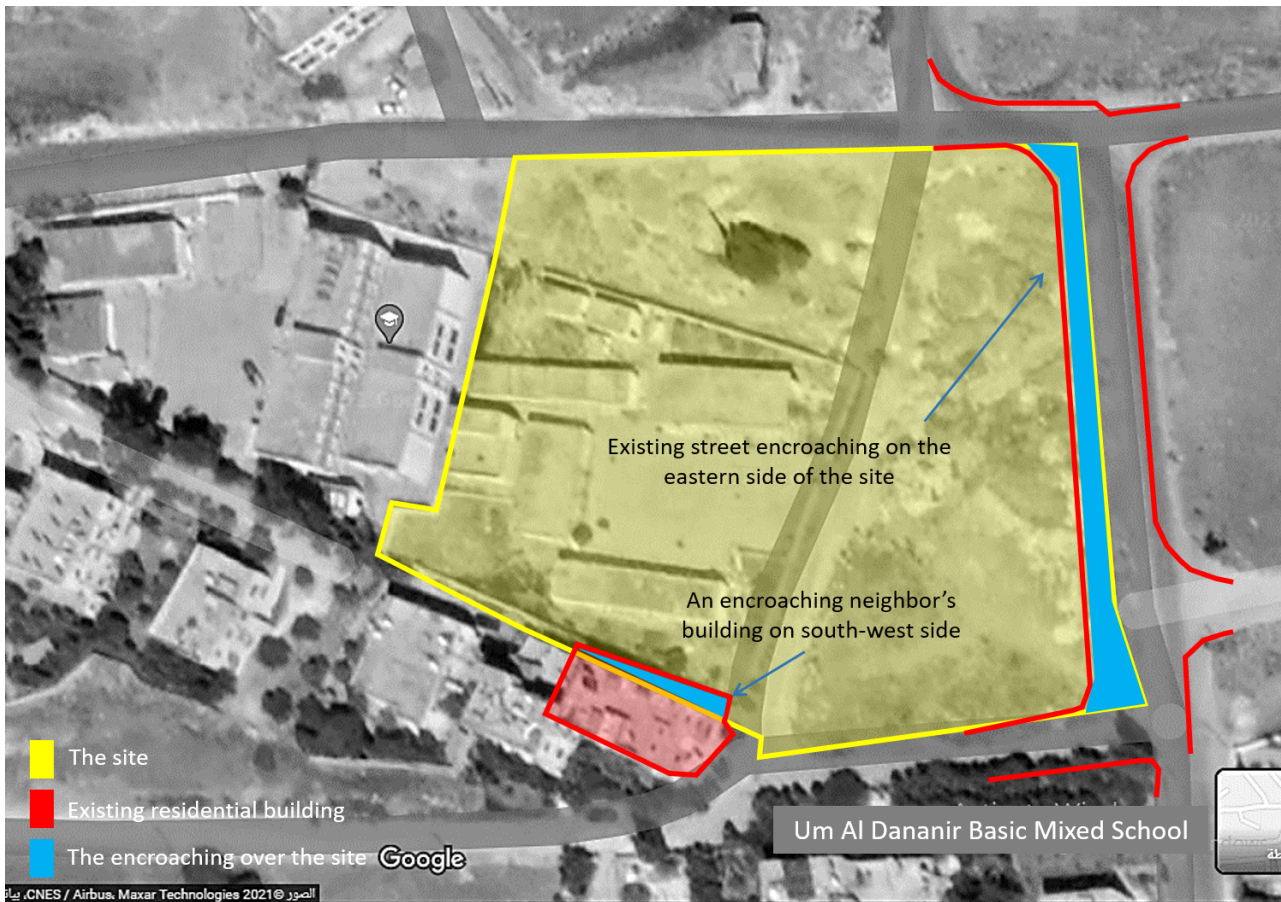


Figure 1. . Encroaching on the site boundary

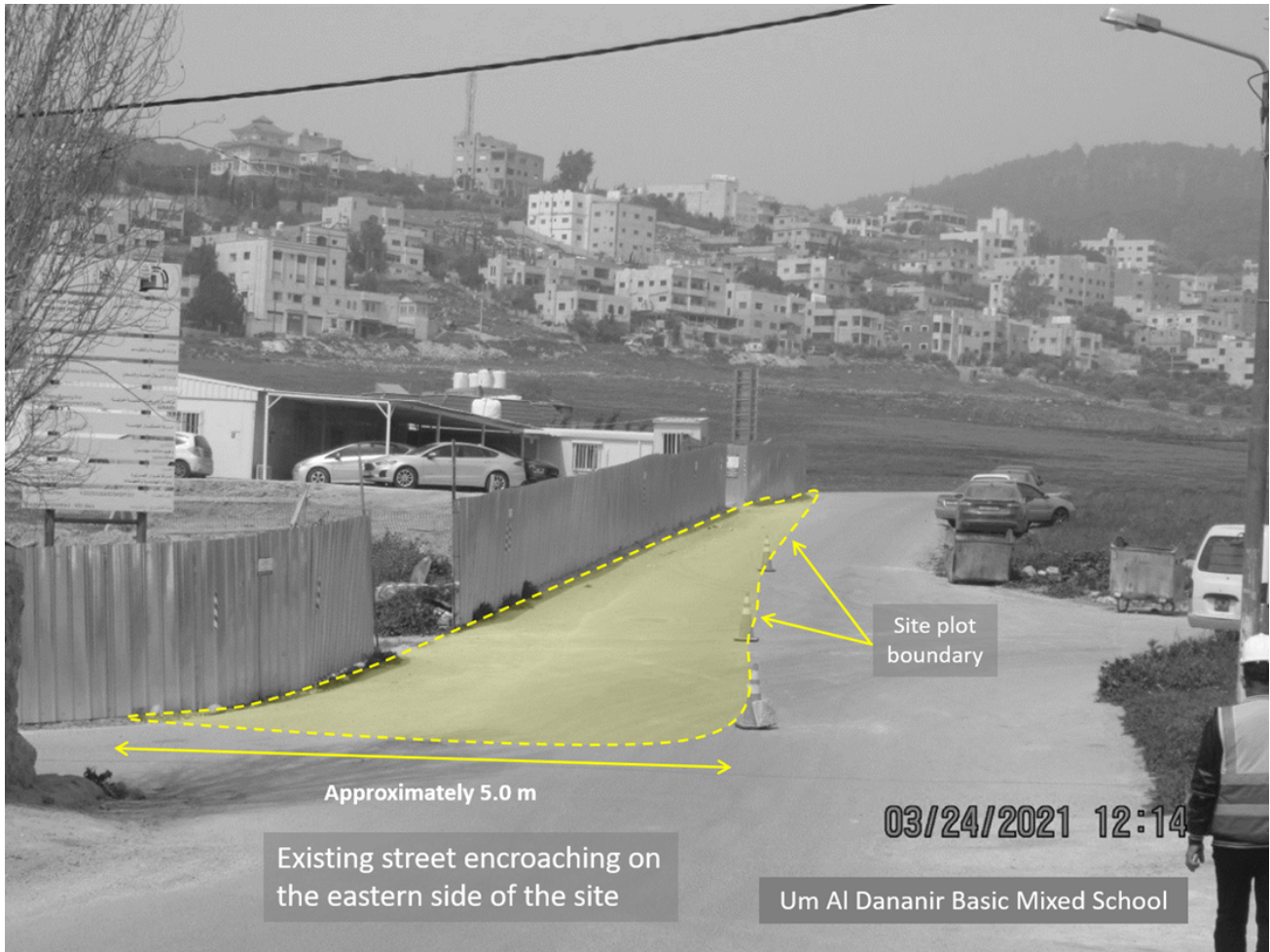


Figure 2. There is an encroachment of the existing street toward the site and this will affect the construction of the eastern boundary wall

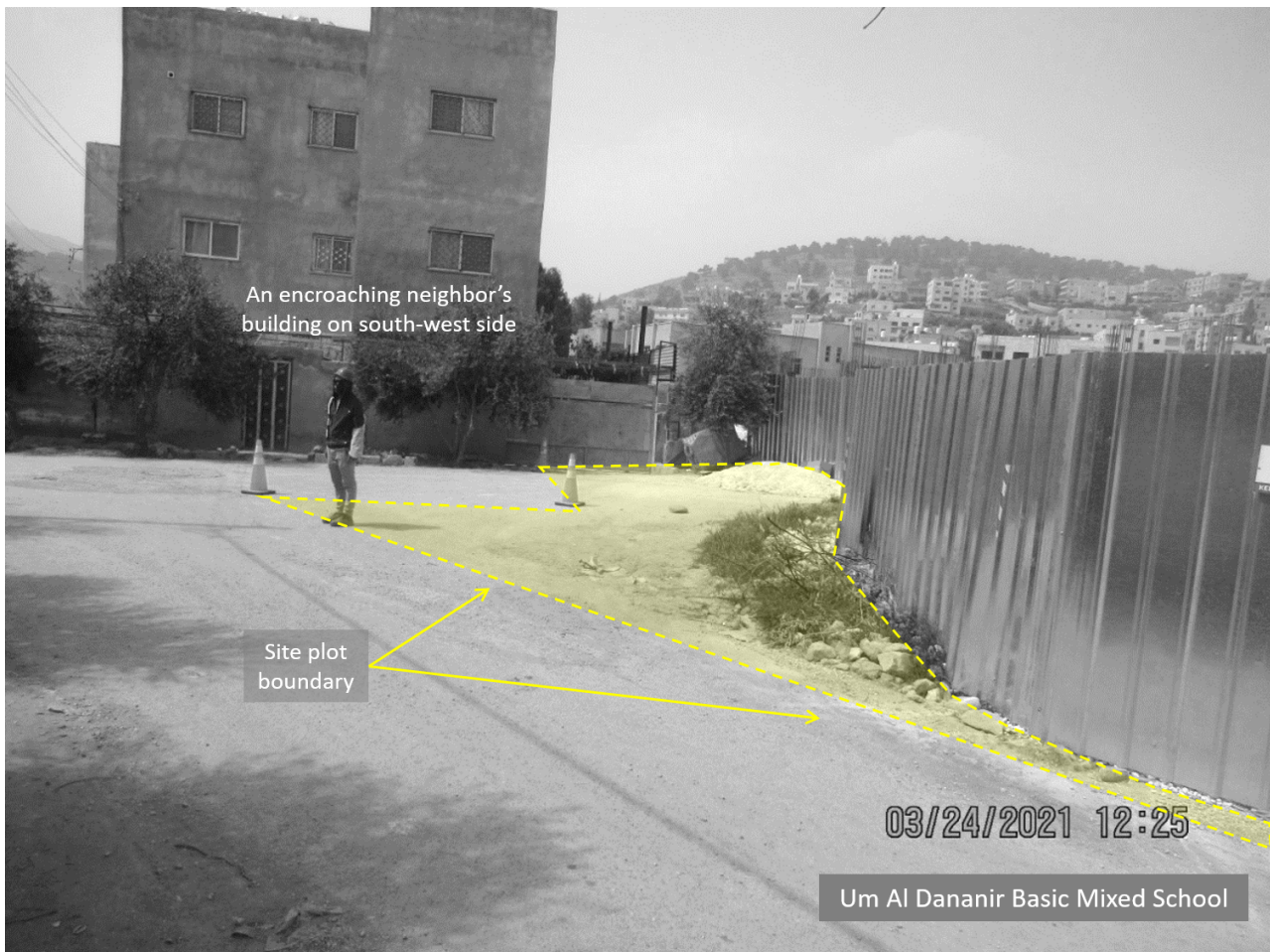


Figure 3. There is an encroachment of the existing neighbor's building toward the site

17.2 Khadija Bint Khwailed Basic Mixed School- Balqa

Obstacles Log (Site Obstacles) **SOLVED**



Khadija Bint Khwailed Basic Mixed - Balqa

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

SOLVED



18 | Selected Photos

18.1 Um-Aldananir Basic Mixed School- Balqa

	<p>Single size back-filling between tie beams</p>
<p>03/05/2021</p>	
	<p>Formwork for ground floor slab</p>
<p>10/05/2021</p>	

	<p>Water tank walls and shear walls- basement floor</p> <p>19/05/2021</p>
	<p>General View of the Project site</p> <p>31/05/2021</p>

18.2 Al Khansa Basic Mixed School- Balqa

	<p>Backfilling between the tie beams zone B & C</p>
	<p>Base course back-filling zone (C & B) and formwork for first floor slab zone (A)</p>

02/05/2021

08/05/2021



Formwork and steel reinforcement for second floor slab zone A

19/05/2021



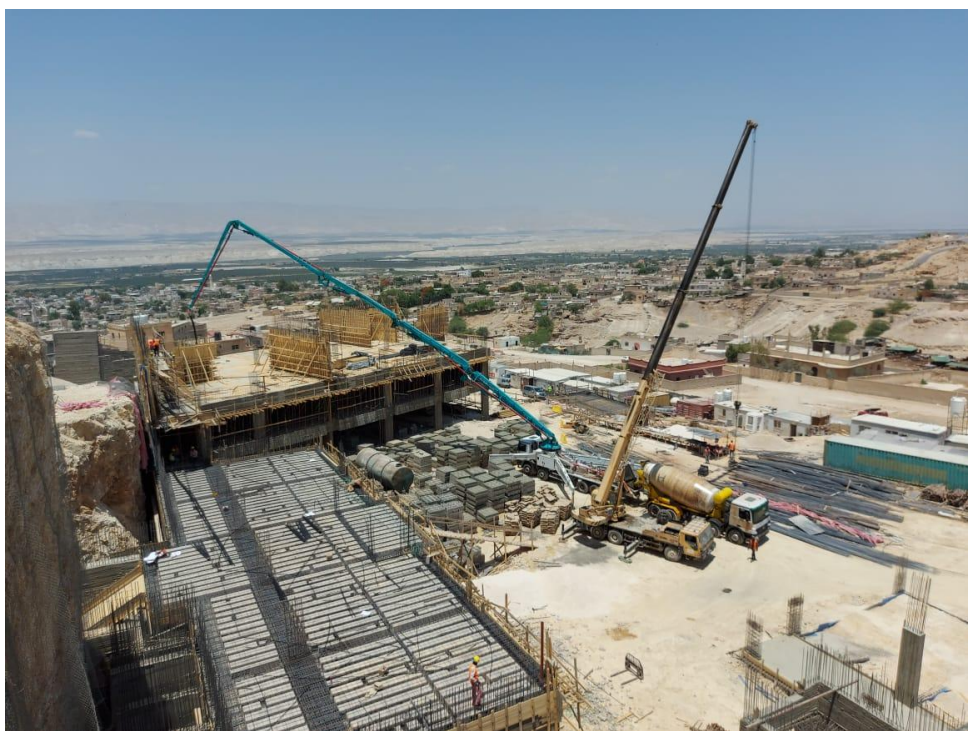
Slab casting

24/05/2021



General View
of the project

29/05/2021



29/05/2021

18.3 Khadija Bint Khwailed Basic Mixed School – Al-Shouna Al-Janobia

	<p>Steel reinforcement and formwork for ground floor columns</p> <p>06/05/2021</p>
	<p>Steel reinforcement for ground floor slab Part 1</p> <p>09/05/2021</p>



Steel reinforcement and formwork for the first floor columns and walls

18/05/2021



General View of the Project

31/05/2021

19 | Location Links

19.1 Um Al Dananir Basic Mixed School – Balqa

19.2 Al Khansa'a Basic Mixed School – Balqa

19.3 Khadija Bint Khwailed Basic Mixed School – Balqa

20 | Website Reports Links

20.1 Daily Reports	Updated daily
20.2 Weekly Reports	Updated weekly
20.3 Monthly Reports	Updated monthly
20.4 CMTO Inspection Reports	Updated weekly
20.5 Quality Reports	Updated weekly

21 | Training

21.1 Training:

SKEPIII Site staff training sessions

We conduct one effective training session per week for both our staff and the contractor staff including fresh graduates. The training is conducted by our senior engineers from various disciplines and backgrounds. Our future plan for staff training is to host external trainers from the Ministry of Local Administration to talk about Municipalities regulations.



21.2 Training Sessions:



1. Training Session 17.05.2021

- 1.1. Health, Safety and Environment.
- 1.2. Production of visual documentation through videos and photography.



2. Training Session 22.05.2021

- 2.1. Ethical behavior impacts the degree of trustworthiness and integrity of companies, along with the way they conduct business.
- 2.2. Ethics of construction companies impact their ability to acquire and maintain clients



3. Training Session 29.05.2021

- 3.1. Training Material: Awareness of mechanical design drawings and implementation on site

For More Details:

- Training Link:
- <https://www.medanat.site/training>

