

School for Knowledge Economy Project (SKEP)

Phase III – Package 2

Monthly Progress Report

No. 7

April, 2021



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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 (2)
Owner:	Ministry of Education (MOE)
Employer:	Ministry of Public Works & Housing (MPWH)
Funded By:	United States Agency for International Development (USAID)
Consultant:	Wahib Medanat Consultant Engineers
Project Management:	Trigon Associates (CMTO)
Contractor:	Dijlah Establishment Constr. Contracting
Contract No.:	10/2019/USAID/SKEP/3/2
Commencement Date:	21/10/2020
Time for Substantial Completion of the Work:	Thahr Al-Sarow Basic School for Boys- Jerash: 450 Days
	Jumana Bint Abi-Taleb Basic Mixed School- Amman: 450 Days
	Hay Al Iskan Basic Mixed School – Jerash : 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:	8,314,983.735 JOD
Amount of Liquidated Damages:	Thahr Al Sarow Basic School for Boys- Jerash: 2000 JOD/ Day but not

	to exceed 15% of total amount for the School
	Jumana Bint Abi Taleb Basic Mixed School- Amman: 200 JOD/ Day but not to exceed 15% of total amount for the School
	Hay Al Iskan Basic Mixed School- Jerash: 2000 JOD/ Day but not to exceed 15% of the 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 (2)

The package consists of construction of three (3) Schools at different locations, two schools in Jerash and one School in Amman.

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- Hay Al-Iskan Basic School Mixed School – Jerash

The project consists of five floors building, with a total approximate area of 5420 m² in addition to site works as deemed in the drawings and BOQ.

Main Elements

Land Area =6322.090 m2			External Works = 4523 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
Basement	109.06	330.35	-	-	-	-	-	-	-	-
Ground	112.7	1799.75	-	-	2	24	48	3*7 m2 with HC toilet for each one AND child care toilet	1*9 m2	1*12 m2
First	116.34	1571.45	9	-	-	36	324	HC toilet , STAFF	23 m2	23 m2 with
second	119.98	1571.45	-	14	-	36	504	6 m2 HC toilet, STAFF	-	27*2 m2
Roof	123.47	105.1	-	-	-	-	-	-	-	-
External Works	Guard Room	22.4/34/65.9	-	-	-	-	-	-	-	-
Total		5378.1	25			-	876	-	32	89

Location Link:

[Hay Al Iskan Basic Mixed School – Jerash](#)

B- Thahr Al-Sarow Basic School for Boys – Jerash

The project consists of five floors building, with a total approximate area of 4615 m² in addition to site works as deemed in the drawings and BOQ.

Main Elements

Land Area =4036 m2					External Works = 2790 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	106	1245.61	-	-	-	-	0	2*toilets (men & Women) 25 m2 and 2*HC toilets	8.5 m2 men toilet	16.5 m2 women toilet
First	109.64	1057.71	-	7	-	36	252	1*39.5 m2 toilet with HC toilet	-	-
Second	113.28	1057.71	-	7	-	36	252	1*39.5 m2 toilet with HC toilet	-	-
Third	116.92	1057.71	-	7	-	36	252	1*39.5 m2 toilet with HC toilet	-	-
Roof	120.56	91.44	-	-	-	-	-	-	-	-
Service Building	120.56	104.47	-	-	-	-	-	-	-	-
External Works	-	2685.9	-	-	-	-	-	-	-	-
Total		7300.55	21			-	756	143.5	8.5	16.2

□ Location Link:

[Thahr Al-Sarow Basic School for Boys](#)

C- Jumana Bint Abi Taleb Basic Mixed School – Amman

The project consists of five floors building, with a total approximate are of 5460 m² in addition to site works deemed in the drawings and BOQ.

Main Elements

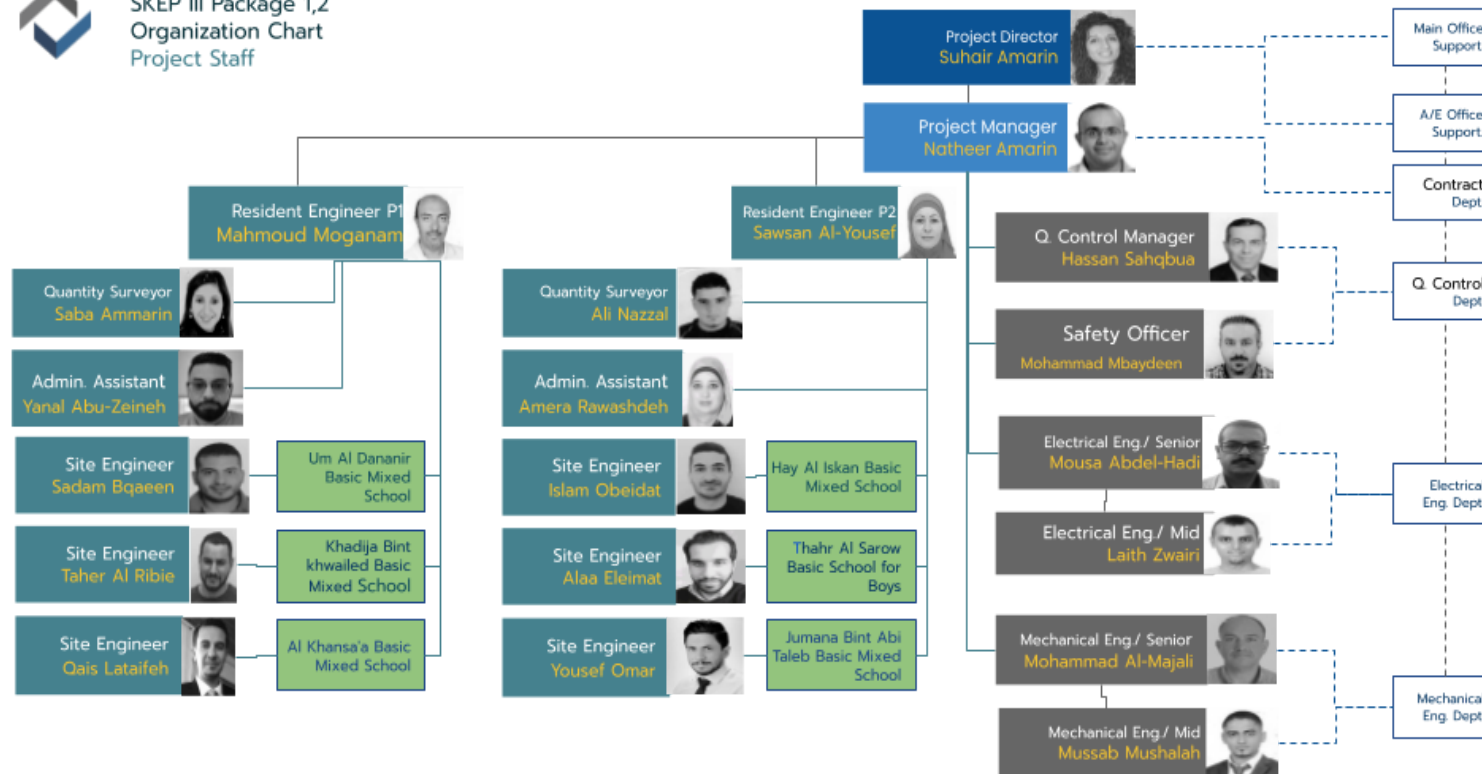
Jumana Bint Abi Taleb Basic Mixed School										
Land Area =7556 m2			External Works = 5665 m2				no . of floor = 4			
Floor	F.F.L	Area (m2)	no.of classroom grade (1-3)	no.of classroom grade (4-10)	no . Of KG classroom m	student for each classroom m	student in floor	General Toilets	Mens Toilets	Womens Toilets
Basement	95.05	293.87	-	-	-	-	-	-	-	-
Ground	98.65	1891.29	-	-	4	24	96	2*26 m2 with HC toilet for each one	1*11 m2	1*11 m2
First	102.29	1591.17	9	-	-	36	324	-	1*17 m2 with 6 m2 HC toilet	1*22 m2 with janitor.
Second	105.93	1591.17	-	14	-	36	504	-	-	1*40 m2 with 6 m2 HC toilet 1*28 m2
Roof	109.57	73.1	-	-	-	-	-	-	-	-
External Works	-	5665	-	-	-	-	-	-	-	-
Total		11105.6		27		-	924	52	34	107

□ Location Link:

[Jumana Bint Abi-Taleb Basic Mixed School](#)

2 | Consultant Organization Project Staff

SKEP III Package 1,2
 Organization Chart
 Project Staff



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

3 | Summary of Activities

3.1 Hay Al-Iskan Basic School Mixed School – Jerash

Item No.	Item Description	Qty	Unit
1.1a	Provide complete prefabricated temporary site offices for the Engineer	80	m2
1.1b	Provide furniture and equipment to the site offices	1	LS
1.1c	Provide all services to site offices	7	month
1.1d	Provide steel fence of 2 m high around construction site	352	LM
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.
2.2.1a	General Excavation (Common Excavation) for building and external works	8831	m3
2.2.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	3353	m3
2.4.1a	Aggregate base Coarse	260	m3
3.2.1a	Blinding for foundations, footings, ground beams , tie beams for school building, guard house, canteen and wherever required	143.6	m3
3.2.1b	Blinding for boundary walls,, sewage collection tank and site works.	32.052	m3
3.2.2	Plain concrete (grade 20), 20N/mm2 under Ground beam	7.2	m3
3.2.3a	Reinforced concrete grade 30 for foundations, footings, grade beams for school building, guard house, canteen and wherever required	710.15	m3

3.2.3b	Reinforced concrete grade 30 for slabs, beams, stairs for school building, guard house, canteen and wherever required	250	m3
3.2.3c	Reinforced concrete grade 30 for boundary walls including PVC water stops (250mm) and weep holes (uPVC dia 10 cm) staggered as per drawings	481.8	m3
3.2.4a	Reinforced concrete grade 35, of 35N/mm ² for walls and columns under slab on grade	370	m3
3.2.4b	Reinforced concrete grade 35, of 35N/mm ² for walls and columns above slab on grade	220	m3
3.2.5a	Reinforced concrete grade 20 for slab on grade under school building, guard house and canteen.	255	m3
3.2.7	Extra over for structural fair face concrete finish for basement walls , water tank, sewage collecting tank walls and wherever required.	290	m2
3.2.9	Supply and apply cyclopean concrete, consist of concrete with compressive strength 20N/mm ²	72	m3
3.5.1a	Supply, cut to size, fabricate, hoist and install deformed high yield steel bar reinforcement for school building, guard house, canteen and wherever required.	300	ton
3.5.1b	Supply, cut to size, fabricate, hoist and install deformed high yield steel bar reinforcement for boundary walls.	45	ton
3.5.1c	Supply, cut to size, fabricate, hoist and install deformed high yield steel bar reinforcement for water tank	14	ton
4.1.1f	block walls,200mm thick, for boundary walls.	150	m2
7.1.2b	bituminous waterproofing membrane (th = 4mm) : for underground water tank and basement walls .	291.2	m2
7.2.1a	Supply and apply three perpendicular coats cold fluid applied damp proofing for buildings: to all structural elements below slab on grade.	4630	m2
7.2.1b	Supply and apply three perpendicular coats cold fluid applied damp proofing for boundary walls	1500	m2
7.4.1a	Supply and install polyethylene sheets 250 micron below slab on grade under school building, guard house and canteen.	1450	m2

3.2 Thahr Al-Sarow Basic School for Boys- Jerash

Item No.	Item Description	Qty	Unit
1.1a	Provide complete prefabricated temporary site offices for the Engineer	80	m2
1.1b	Provide furniture and equipment to the site offices	1	LS
1.1c	Provide all services to site offices	7	month
1.1d	Provide steel fence of 2 m high around construction site	317	LM
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.
2.1.1a	General Excavation (Common Excavation) for building and external works	1467	m3
2.1.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	1704	m3
2.1.2a	Supply and install crushed stone single size aggregate	500	m3
2.3.1a	Aggregate base Coarse	220	m3
3.2.1a	Blinding for foundations, footings, ground beams , tie beams for school building, guard house, canteen and wherever required	94.5	m3
3.2.1b	Blinding for boundary walls,, sewage collection tank and site works.	31.43	m3
3.2.2	Plain concrete (grade 20), 20N/mm2 under Ground beam	7.56	m3
3.2.3a	Reinforced concrete grade 30 for foundations, footings, grade beams for school building, guard house, canteen and wherever required	702.97	m3

3.2.3b	Reinforced concrete grade 30 for slabs, beams, stairs for school building, guard house, canteen and wherever required	550	m3
3.2.3c	Reinforced concrete grade 30 for boundary walls including PVC water stops (250mm) and weep holes (uPVC dia 10 cm) staggered as per drawings	358.65	m3
3.2.4a	Reinforced concrete grade 35, of 35N/mm ² for walls and columns under slab on grade	96	m3
3.2.4a	Reinforced concrete grade 35, of 35N/mm ² for walls and columns above slab on grade	200	m3
3.2.5a	Reinforced concrete grade 20 for slab on grade under school building, guard house and canteen.	180	m3
3.5.1a	Supply, cut to size, fabricate, hoist and install deformed high yield steel bar reinforcement for school building, guard house, canteen and wherever required.	300	ton
3.5.1b	Supply, cut to size, fabricate, hoist and install deformed high yield steel bar reinforcement for boundary walls.	46.7	ton
4.1.1a	Hollow concrete rib block, size 400/360x320x200 mm for school building.	5000	ton
7.2.1a	Supply and apply three perpendicular coats cold fluid applied damp proofing for buildings: to all structural elements below slab on grade.	2200	m2
7.2.1b	Supply and apply three perpendicular coats cold fluid applied damp proofing for boundary walls	1670	m2
7.4.1a	Supply and install polyethylene sheets 250 micron below slab on grade under school building, guard house and canteen.	1200	m2

3.3 Jumana Bint Abi-Taleb Basic Mixed School- Amman

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	LS
1.1c	Provide all services to site offices	7	month
1.1d	Provide steel fence of 2 m high around construction site	514.5	LM
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.
2.11	Demolish and remove away a. Existing Concrete slabs b. Existing boundary wall c. Existing Fence	0.7	LS
2.2.1a	General Excavation (Common Excavation) for building and external works	25108	m3
2.2.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	2033.2	m3
2.5.1a	Aggregate base Coarse	240	m3
3.2.1a	Blinding for foundations, footings, ground beams , tie beams for school building, guard house, canteen and wherever required	181	m3
3.2.1b	Blinding for boundary walls,, sewage collection tank and site works.	65	m3
3.2.2	Plain concrete (grade 20), 20N/mm2 under Ground beam	6.84	m3
3.2.3 a	Reinforced concrete grade 30 for foundations, footings, grade beams for school building, guard house, canteen and wherever required	1250	m3

3.2.3 b	Reinforced concrete grade 30 for slabs and beam	250	m3
3.2.3 c	Reinforced concrete grade 30 for boundary walls including PVC water stops (250mm) and weep holes (uPVC dia 10 cm) staggered as per drawings	126	m3
3.2.3 d	Reinforced concrete grade 30 for site structure	226	m3
3.2.4 a	Reinforced concrete grade 35, of 35N/mm ² for walls and columns under slab on grade	120	m3
3.2.4 b	Reinforced concrete grade 35, of 35N/mm ² for walls and columns above slab on grade	110	m3
3.2.6	concrete grade 20 for slab on grade for building	300	m3
3.2.8	Extra over Fairface for basement wall	138.6	m2
3.2.10	Supply and apply cyclopean concrete, consist of concrete with compressive strength 20N/mm ²	78	m3
3.5.1a	Supply, cut to size, fabricate, hoist and install deformed high yield steel bar reinforcement for school building, guard house, canteen and wherever required.	300	ton
3.5.1b	Supply, cut to size, fabricate, hoist and install deformed high yield steel bar reinforcement for boundary walls.	45	ton
3.5.1d	Supply, cut to size, fabricate, hoist and install deformed high yield steel bar reinforcement for site structure	29	ton
4.1.1a	Hollow concrete rib block, size 400/360x320x200 mm for school building.	5200	No.
7.2.1a	Supply and apply three perpendicular coats cold fluid applied damp proofing for buildings: to all structural elements below slab on grade.	4454	m2
7.2.1b	Supply and apply three perpendicular coats cold fluid applied damp proofing for boundary walls	570	m2
7.4.1a	Supply and install polyethylene sheets 250 micron below slab on grade under school building, guard house and canteen.	1500	m2

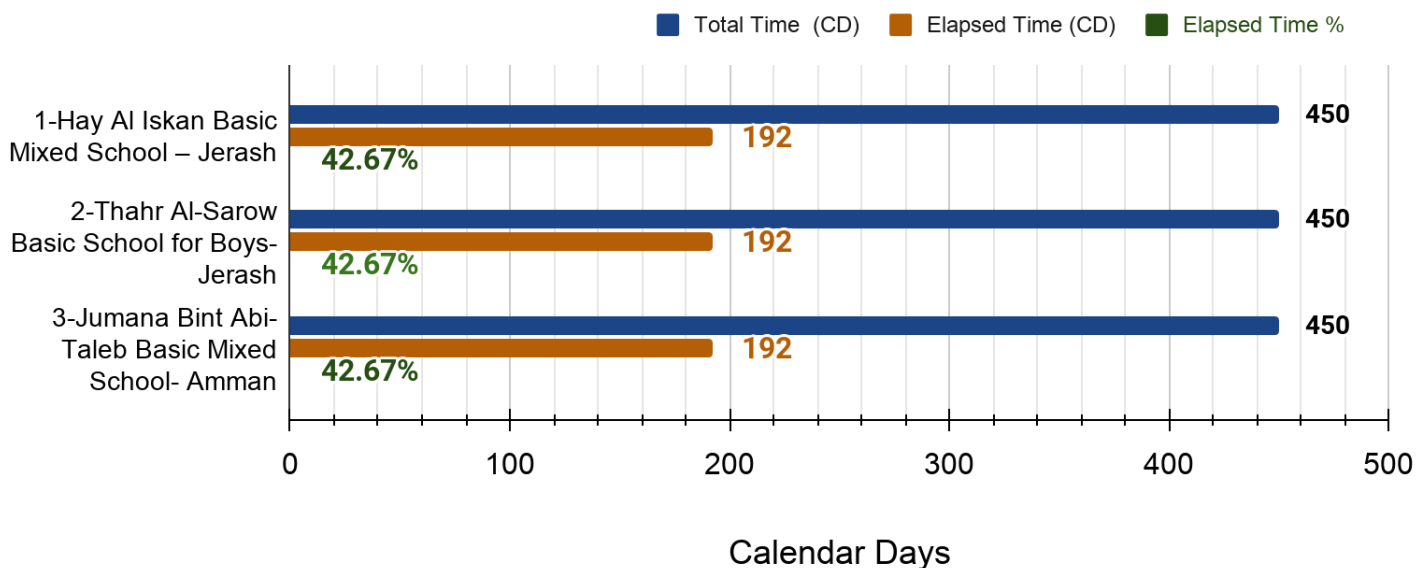
3.4 Mobilization Tracking Log

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vS-OU9UbbqLWX0eIUlpuUyOSoJSBOqEyZ6ftHSVjsySDkMdNXSM7cOIZEvhawU4TWCQlhMOg7PPSVxi/pubhtml?gid=18990041&single=true>

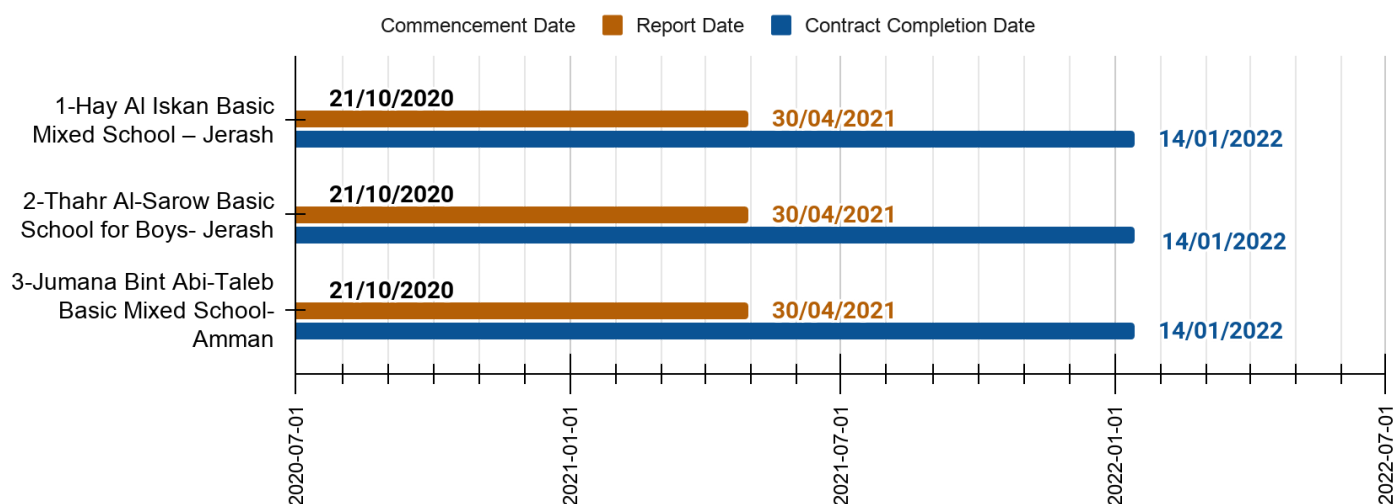
4 | Project Time and Duration

PGK 2 Report Date	2021-04-30				
Site Name	Contract Duration (CD)	Time Extension (CD)	Total Time (CD)	Elapsed Time (CD)	Elapsed Time %
1-Hay Al Iskan Basic Mixed School – Jerash	450	0	450	192	42.67%
2-Thahr Al-Sarow Basic School for Boys- Jerash	450	0	450	192	42.67%
3-Jumana Bint Abi-Taleb Basic Mixed School- Amman	450	0	450	192	42.67%

SKEP III PKG 2 Time Chart



Site Name	Commencement Date	Report Date	Contract Completion Date
1-Hay Al Iskan Basic Mixed School – Jerash	2020-10-21	2021-04-30	2022-01-14
2-Thahr Al-Sarow Basic School for Boys- Jerash	2020-10-21	2021-04-30	2022-01-14
3-Jumana Bint Abi-Taleb Basic Mixed School- Amman	2020-10-21	2021-04-30	2022-01-14



5 | Project Contract & V.O's

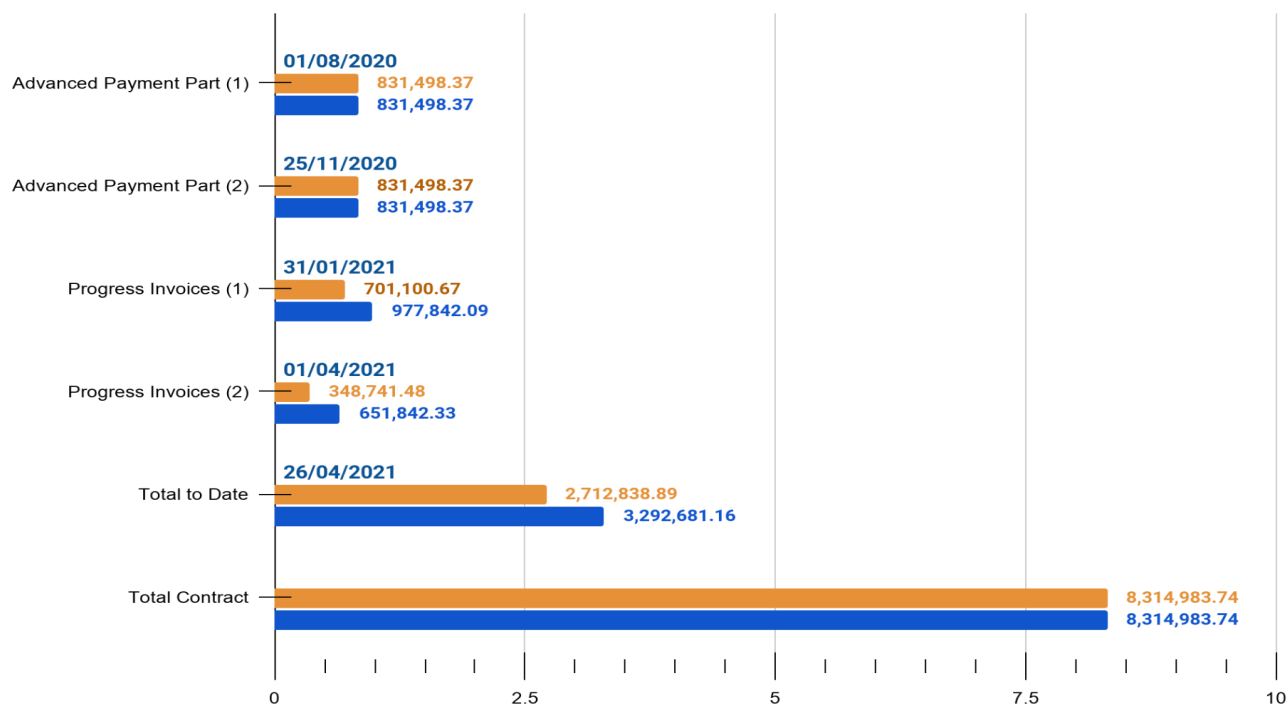
Package 2 Contract & V.O's									
School Name	Contract Value JD		Provisional Sums JD		General Requirements JD		V.O.		Total Contract Value JD
	Original	After 1.5 % Deduction	Geotechnical Tests	Shoring	Value	After 1.5 % Deduction	V.O Description	Value JD	
Hay Al Iskan Basic Mixed School	2,686,848.000	2,646,545.280	11,000.000	82,500.000	45,900.000	45,211.500	Execution additional mechanical works/ Galvanized Pipes	2,180.000	2,787,436.780
Thahr Al Sarow Basic School	2,329,182.000	2,294,244.270	11,000.000	55,000.000	43,450.000	42,798.250	Cyclopean Concrete	4,531.000	2,442,824.150
							Additional Quantities	29,993.000	
							Relocation Water Tank	5,257.630	
Jumana Bint Abi Taleb Basic Mixed School	2,936,321.000	2,892,276.180	11,000.000	55,000.000	69,450.000	68,408.250	Cancellation of Sewage Connection Tank	-38,739.065	2,987,945.365
Total	7,952,351.000	7,833,065.730	351,300.000		158,800.000	156,418.000		-36,559.065	8,178,424.665
Provisional sum (Utilities)									100,000.000
Total Amount									8,283,682.295

6 | Cash Flow

Package 2- Cash Flow			
Payment	Date of Payment	Actual Amount (JD)	Scheduled (JD)
Advanced Payment Part (1)	01/08/2020	831,498.37	831,498.37
Advanced Payment Part (2)	25/11/2020	831,498.37	831,498.37
Progress Invoices (1)	31/01/2021	701,100.67	977,842.09
Progress Invoices (2)	01/04/2021	348,741.48	651,842.33
Total to Date	26/04/2021	2,712,838.89	3,292,681.16

Package 2- Cash Flow

Date of Payment Actual Amount (JD) Scheduled (JD)

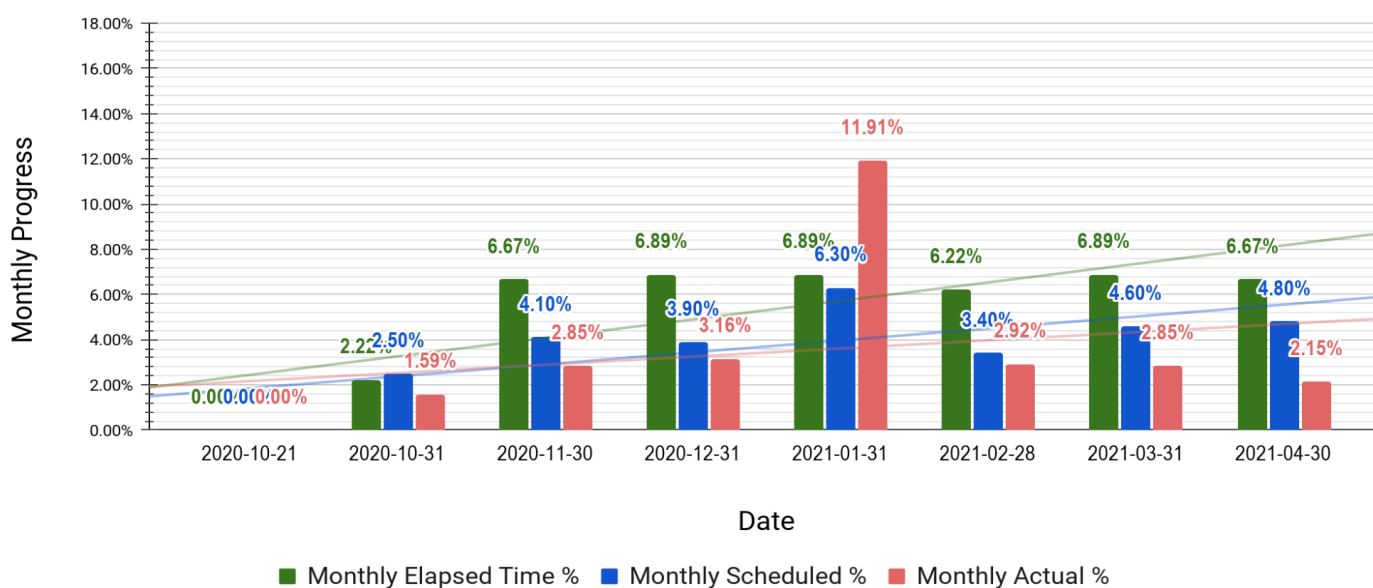


7 | Progress

7.1 Package 2 Average Progress

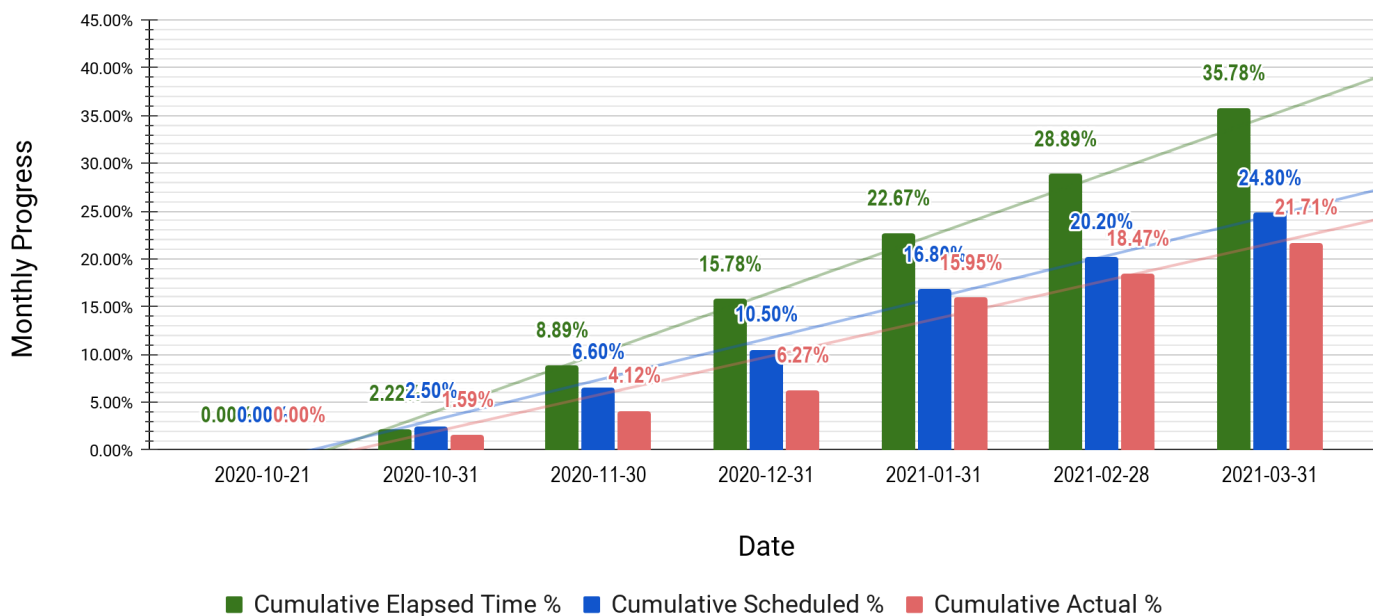
Package 2 Monthly Progress			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-10-21	0.00%	0.00%	0.00%
2020-10-31	2.22%	2.50%	1.59%
2020-11-30	6.67%	4.10%	2.85%
2020-12-31	6.89%	3.90%	3.16%
2021-01-31	6.89%	6.30%	11.91%
2021-02-28	6.22%	3.40%	2.92%
2021-03-31	6.89%	4.60%	2.85%
2021-04-30	6.67%	4.80%	2.15%

Package 2 Monthly Progress



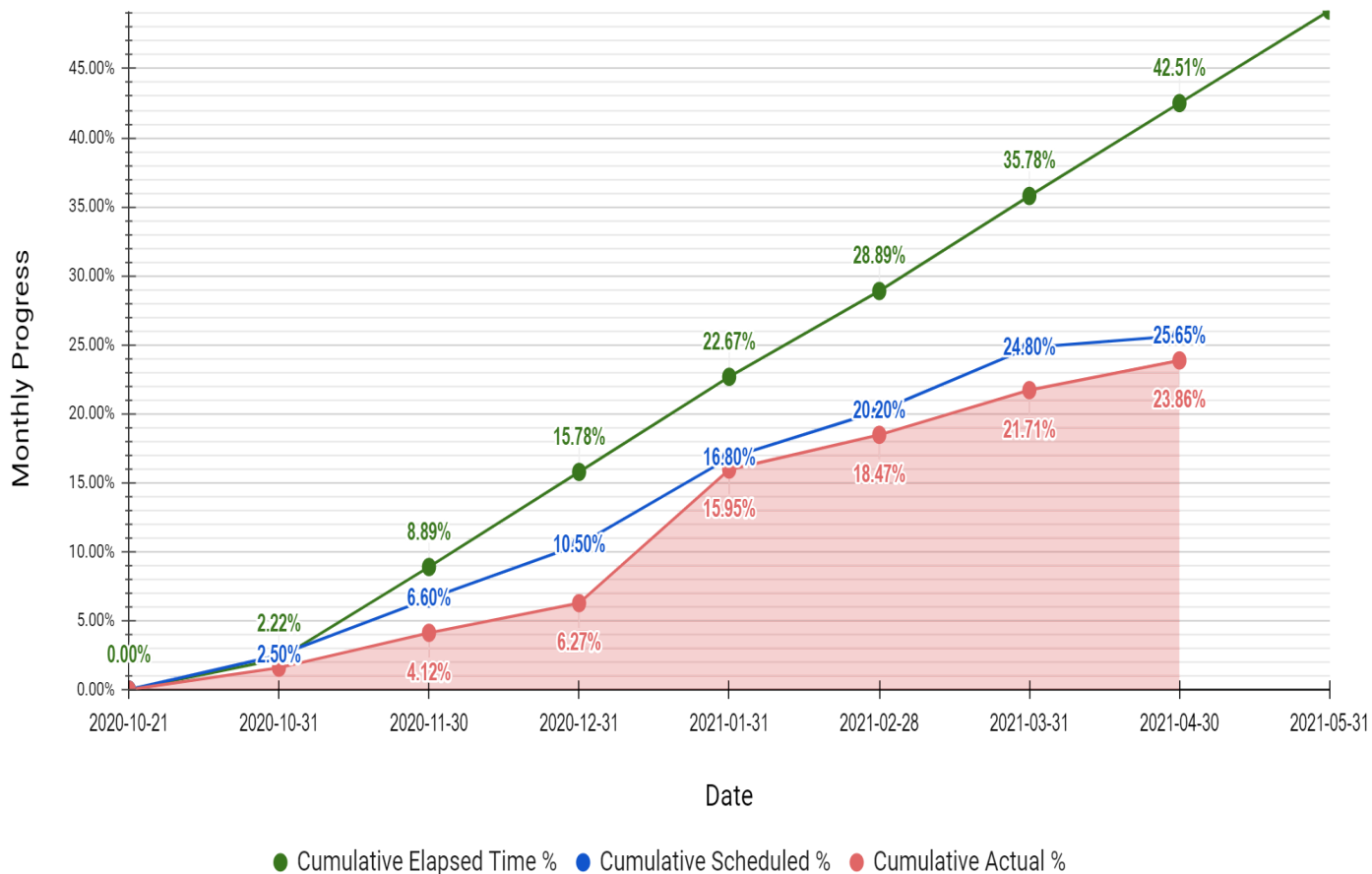
Package 2 Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-10-21	0.00%	0.00%	0.00%
2020-10-31	2.22%	2.50%	1.59%
2020-11-30	8.89%	6.60%	4.12%
2020-12-31	15.78%	10.50%	6.27%
2021-01-31	22.67%	16.80%	15.95%
2021-02-28	28.89%	20.20%	18.47%
2021-03-31	35.78%	24.80%	21.71%

Package 2 Cumulative Progress



PKG 2 Average For Three Sites

Cumulative Progress

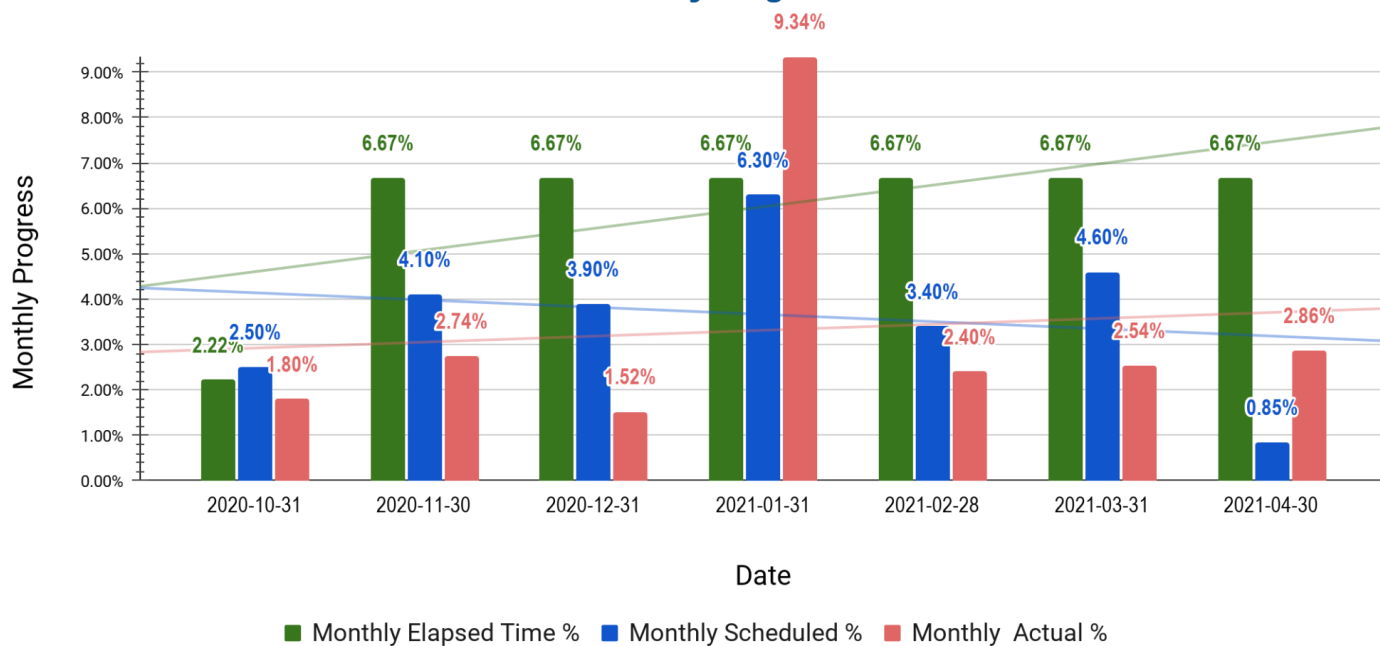


7.2 Hay Al Iskan Basic Mixed School – Jerash

Hay Al Iskan Basic mixed - Jerash Monthly Progress			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-10-31	2.22%	2.50%	1.80%
2020-11-30	6.67%	4.10%	2.74%
2020-12-31	6.67%	3.90%	1.52%
2021-01-31	6.67%	6.30%	9.34%
2021-02-28	6.67%	3.40%	2.40%
2021-03-31	6.67%	4.60%	2.54%
2021-04-30	6.67%	0.85%	2.86%

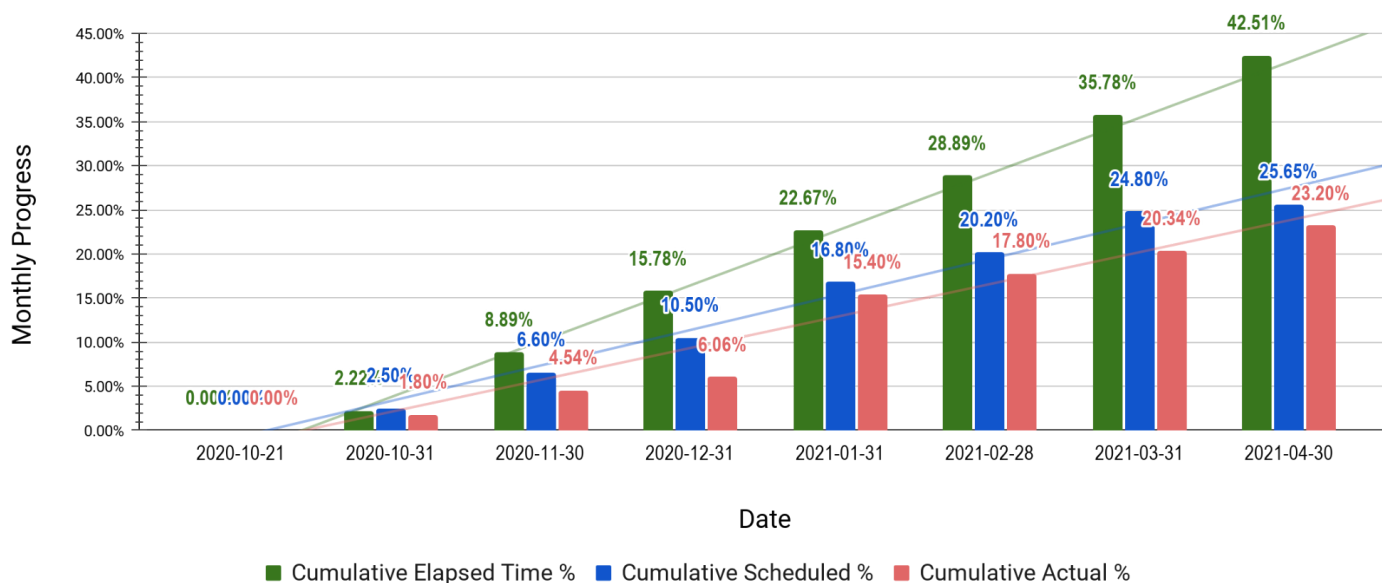
PKG 2 Hay Al Iskan Basic mixed - Jerash

Monthly Progress



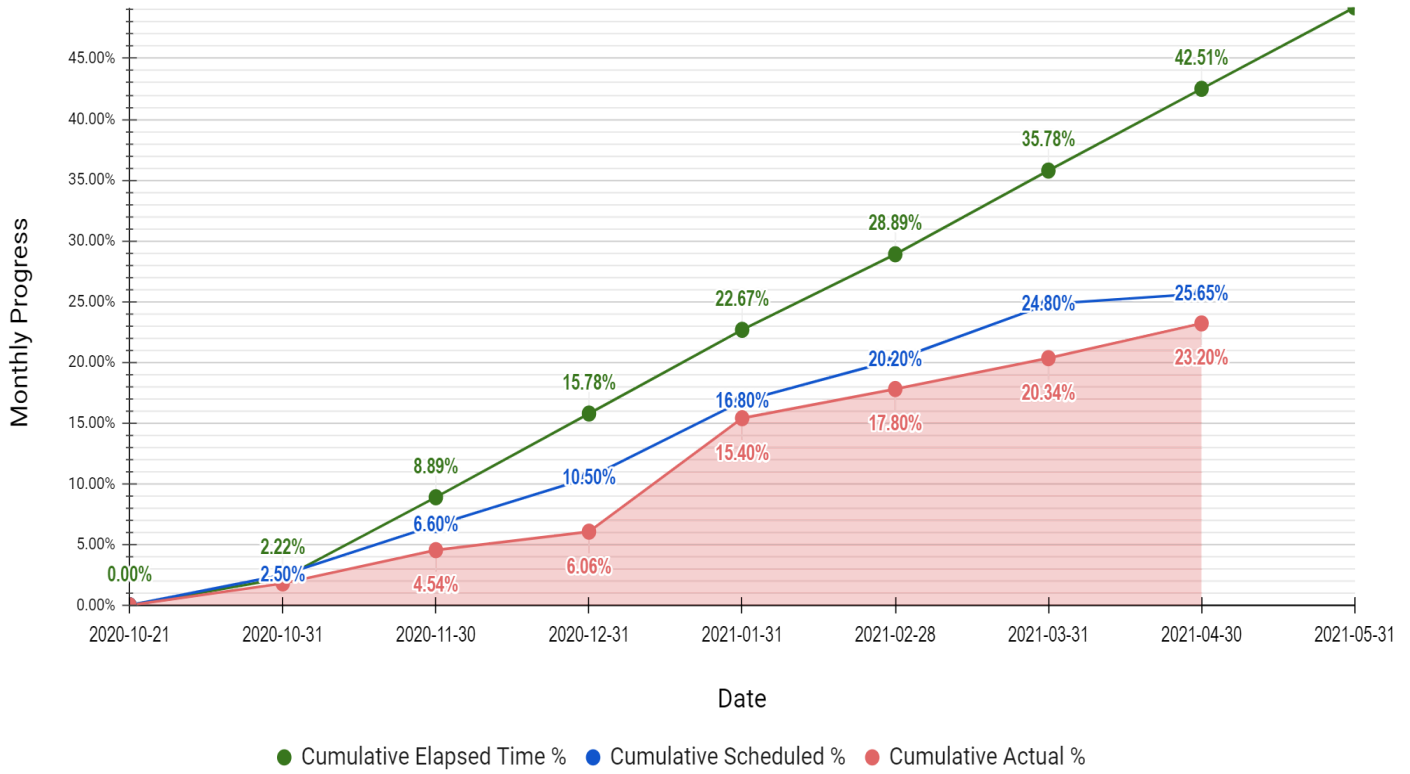
Hay AI Iskan Basic mixed - Jerash Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-10-21	0.00%	0.00%	0.00%
2020-10-31	2.22%	2.50%	1.80%
2020-11-30	8.89%	6.60%	4.54%
2020-12-31	15.78%	10.50%	6.06%
2021-01-31	22.67%	16.80%	15.40%
2021-02-28	28.89%	20.20%	17.80%
2021-03-31	35.78%	24.80%	20.34%
2021-04-30	42.51%	25.65%	23.20%

PKG 2 Hay AI Iskan Basic mixed - Jerash
Cumulative Progress



PKG 2 Hay Al Iskan Basic mixed - Jerash

Cumulative Progress

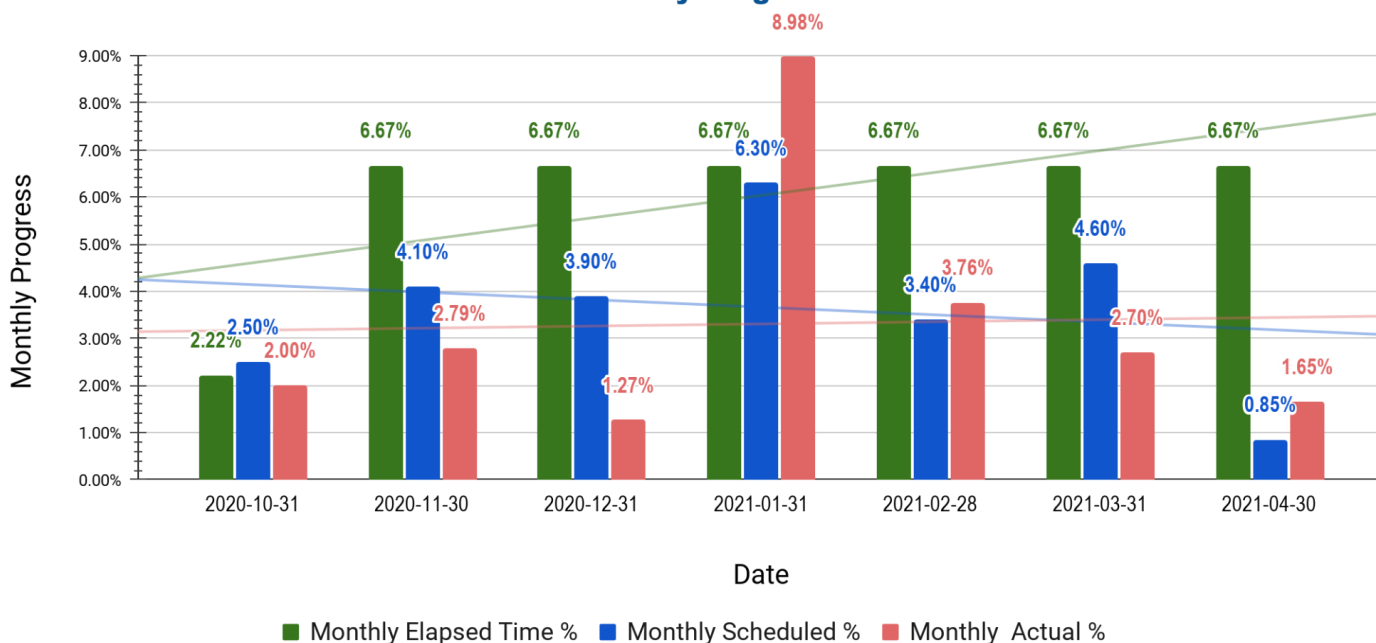


7.3 Thahr Al-Sarow Basic School for Boys- Jerash

Thahr Al-Sarow Basic School for Boys- Jerash Monthly Progress			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-10-31	2.22%	2.50%	2.00%
2020-11-30	6.67%	4.10%	2.79%
2020-12-31	6.67%	3.90%	1.27%
2021-01-31	6.67%	6.30%	8.98%
2021-02-28	6.67%	3.40%	3.76%
2021-03-31	6.67%	4.60%	2.70%
2021-04-30	6.67%	0.85%	1.65%

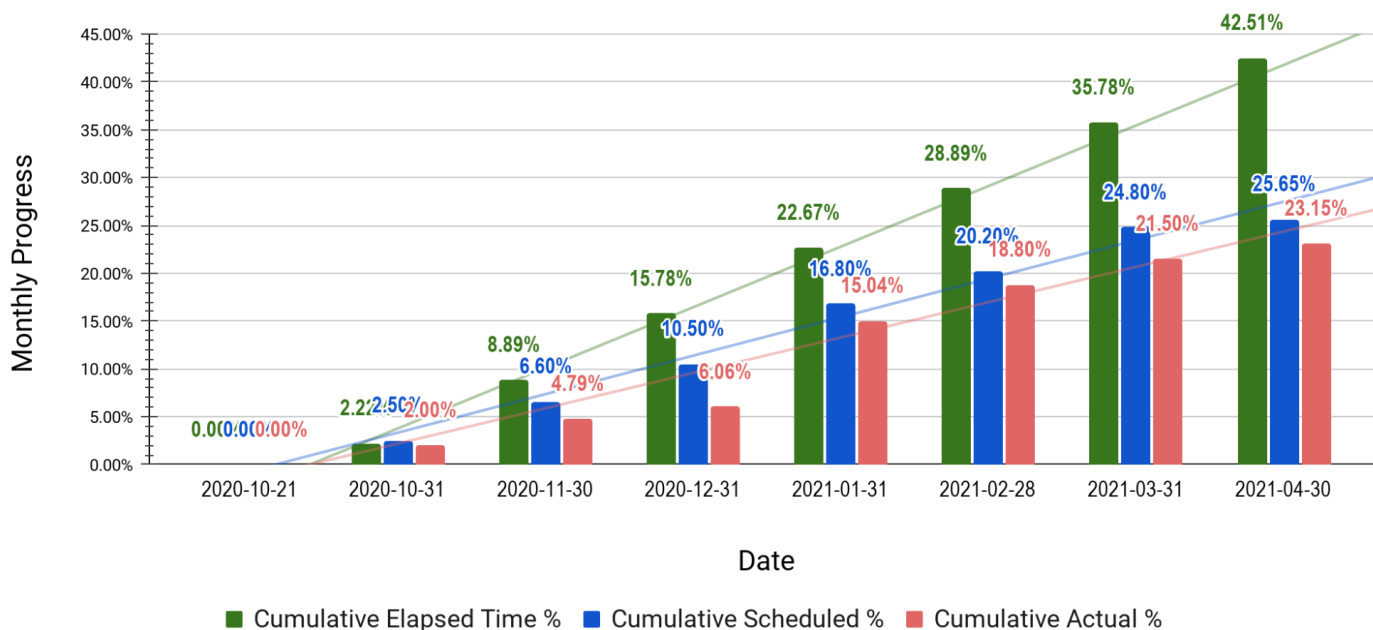
PKG 2 Thahr Al Sarow Basic Boys - Jerash

Monthly Progress



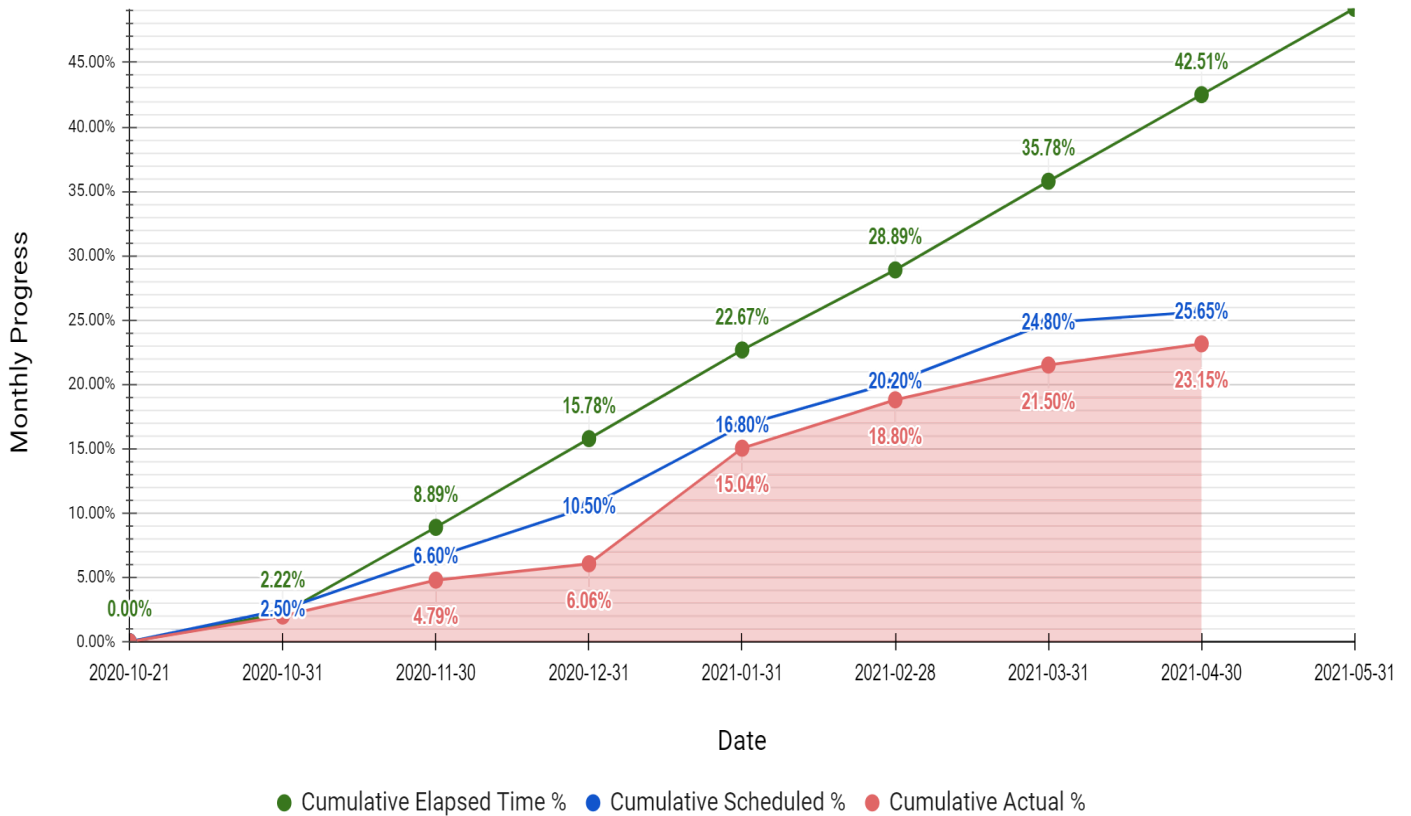
Thahr Al-Sarow Basic School for Boys- Jerash Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-10-21	0.00%	0.00%	0.00%
2020-10-31	2.22%	2.50%	2.00%
2020-11-30	8.89%	6.60%	4.79%
2020-12-31	15.78%	10.50%	6.06%
2021-01-31	22.67%	16.80%	15.04%
2021-02-28	28.89%	20.20%	18.80%
2021-03-31	35.78%	24.80%	21.50%
2021-04-30	42.51%	25.65%	23.15%

PKG 2 Thahr Al Sarow Basic Boys - Jerash Cumulative Progress



PKG 2 Thahr Al Sarow Basic Boys - Jerash

Cumulative Progress

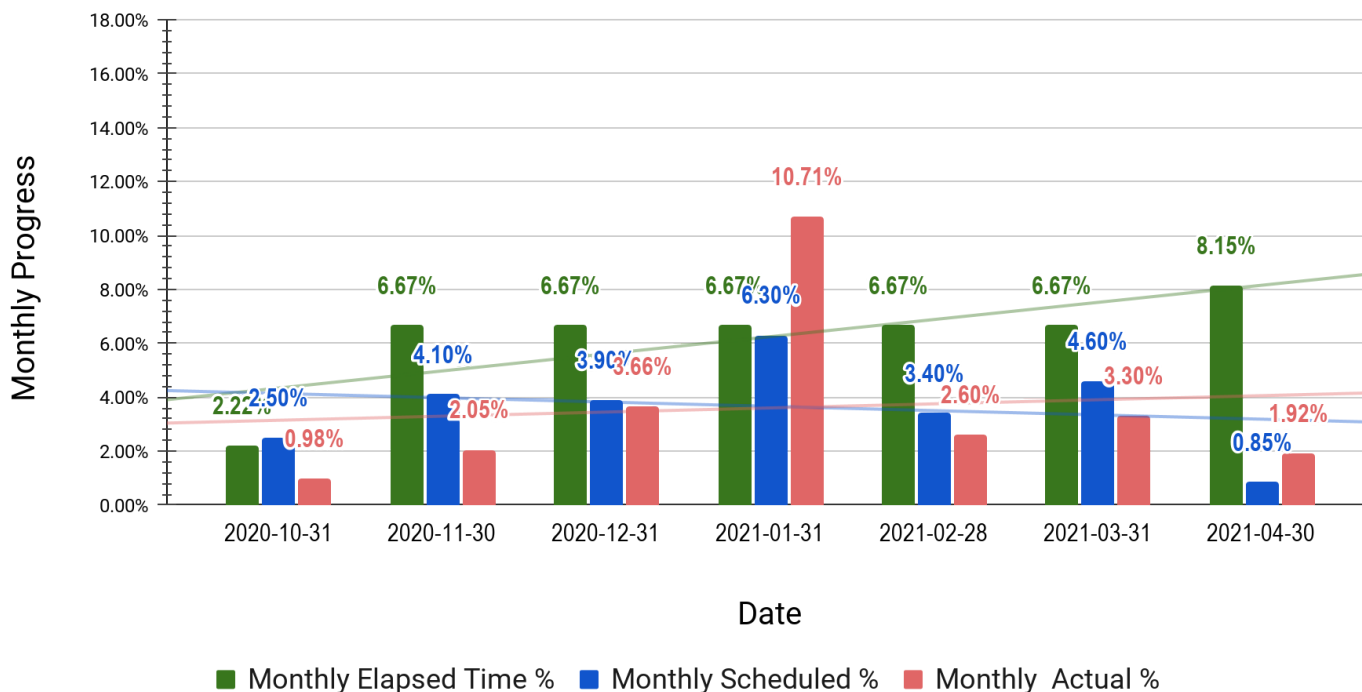


7.4 Jumana Bint Abi-Taleb Basic Mixed School- Amman

Jumana Bint Abi-Taleb Basic Mixed School- Amman Monthly Progress			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-10-31	2.22%	2.50%	0.98%
2020-11-30	6.67%	4.10%	2.05%
2020-12-31	6.67%	3.90%	3.66%
2021-01-31	6.67%	6.30%	10.71%
2021-02-28	6.67%	3.40%	2.60%
2021-03-31	6.67%	4.60%	3.30%
2021-04-30	8.15%	0.85%	1.92%

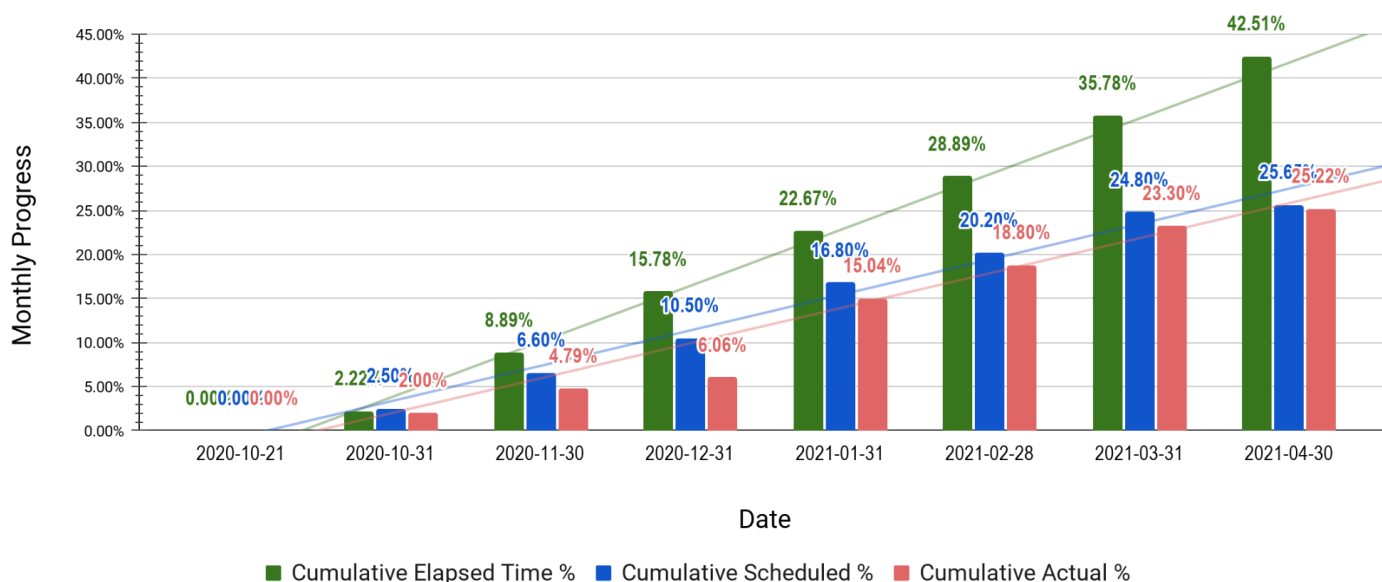
PKG 2 Jumana Bint Abi Taleb Basic Mixed - Marka

Monthly Progress



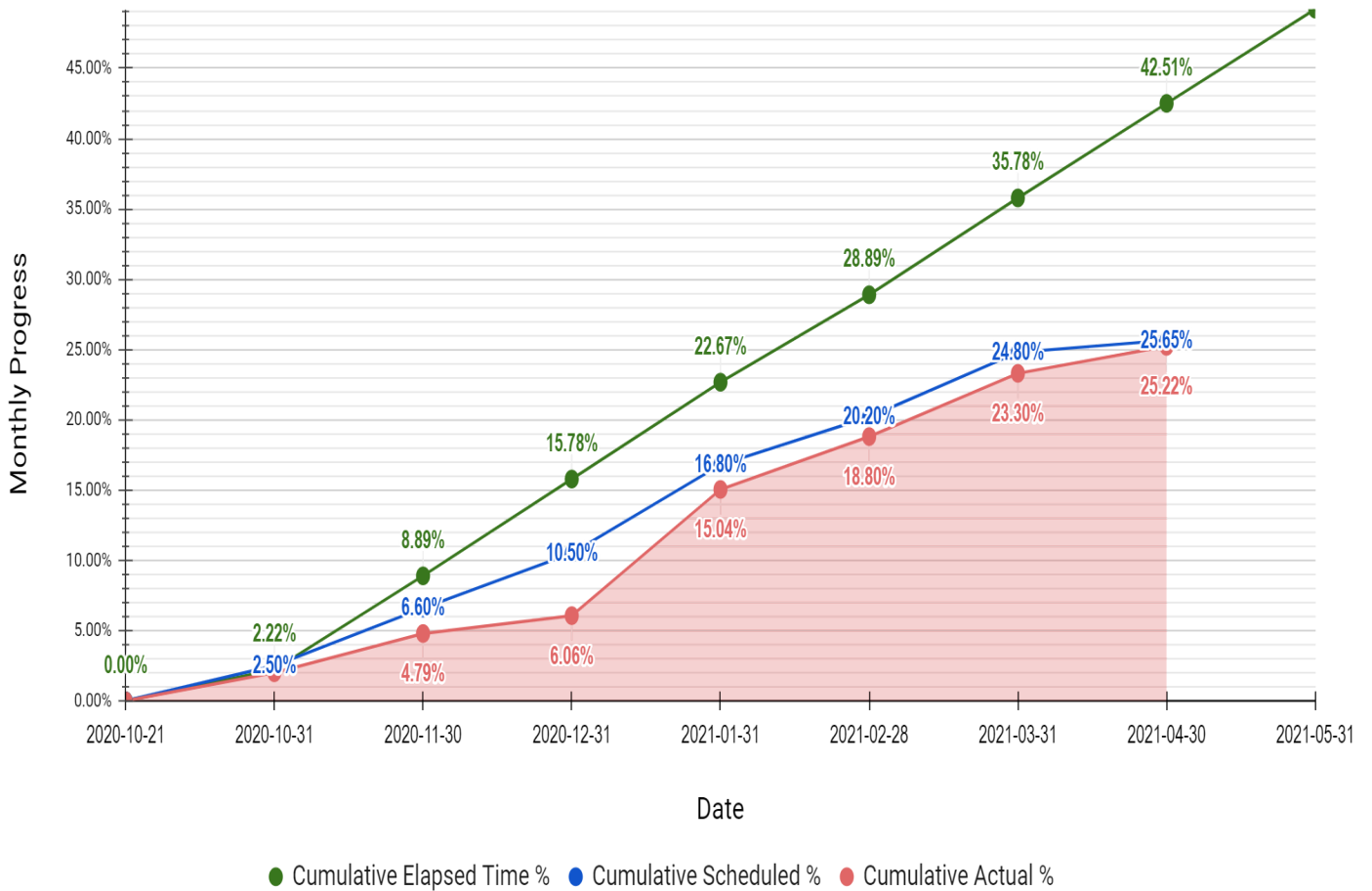
Jumana Bint Abi-Taleb Basic Mixed School- Amman Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-10-21	0.00%	0.00%	0.00%
2020-10-31	2.22%	2.50%	2.00%
2020-11-30	8.89%	6.60%	4.79%
2020-12-31	15.78%	10.50%	6.06%
2021-01-31	22.67%	16.80%	15.04%
2021-02-28	28.89%	20.20%	18.80%
2021-03-31	35.78%	24.80%	23.30%
2021-04-30	42.51%	25.65%	25.22%

PKG 2 Jumana Bint Abi Taleb Basic Mixed - Marka
Cumulative Progress



PKG 2 Jumana Bint Abi Taleb Basic Mixed - Marka

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 %
2021-04-30	42.51%	25.65%	23.86%

The difference Between Scheduled and Actual is (- 1.79%)

B. Hay Al Iskan Basic Mixed School:

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

Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2021-04-30	42.51%	25.65%	23.20%

The difference Between Scheduled and Actual is (- 2.45%)

C. Thahr Al Sarow Basic School for Boys:

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

Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2021-04-30	42.51%	25.65%	23.15%

The difference Between Scheduled and Actual is (- 2.50%)

D. Jumana Bint Abi Taleb Basic Mixed School:

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

Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2021-04-30	42.51%	25.65%	25.22%

The difference Between Scheduled and Actual is (- 0.43%)

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.

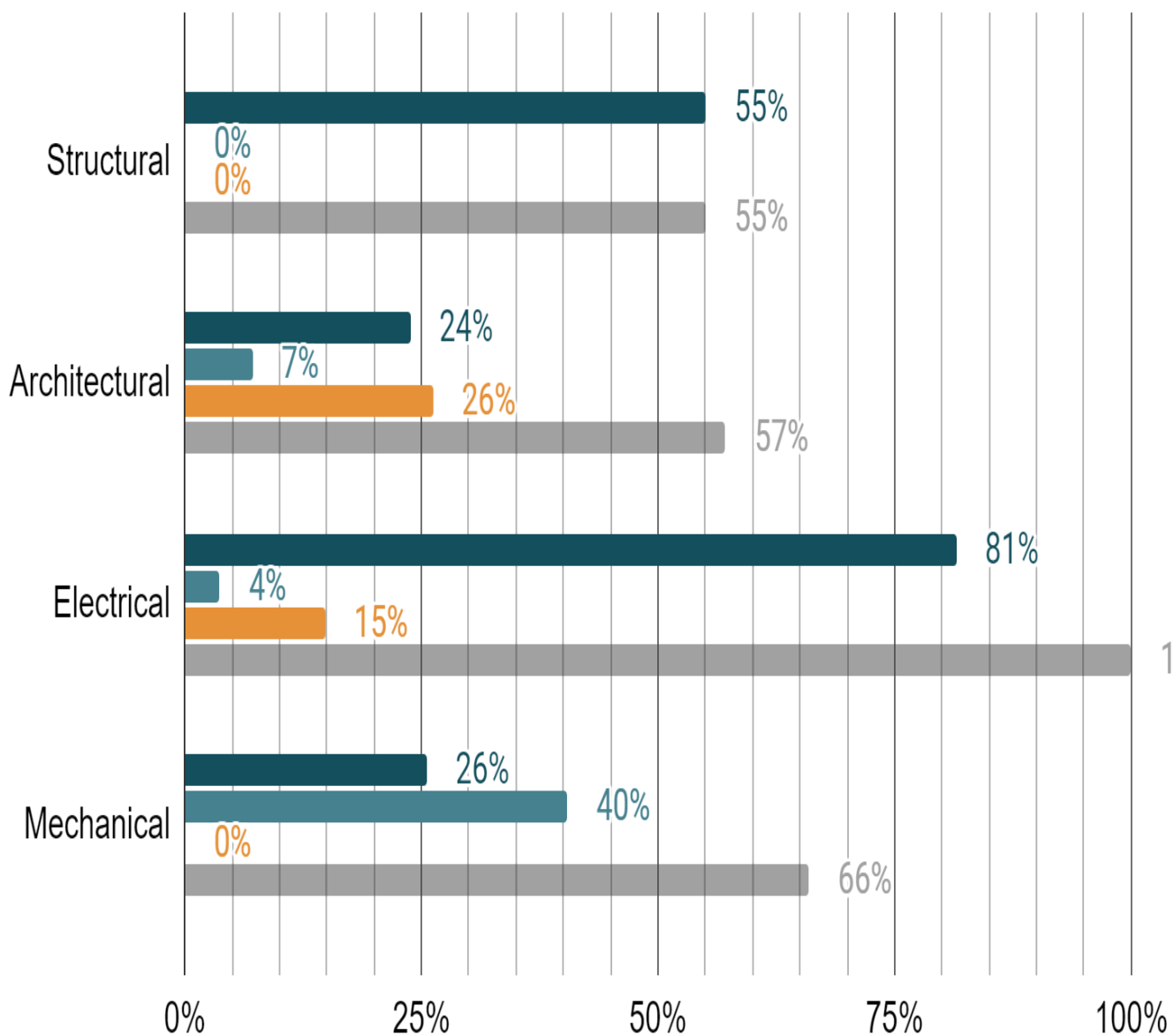
8 | Submitted Materials

8.1 Summary of Submitted Materials

PKG 2 Summary of Submitted Materials				
Item	Total No. of Materials to be Submitted	Total No. of Submitted Materials	Submitted Materials (%)	Non Submitted Materials (%)
Structural	20	11	55%	45%
Architectural	42	16	38%	62%
Electrical	27	26	96%	4%
Mechanical	47	29	62%	38%
PKG 1 Summary of Submitted Materials (No.)				
Item	Approved	Revised and Resubmitted	Rejected	Total
Structural	11	0	0	11
Architectural	10	3	11	24
Electrical	22	1	4	27
Mechanical	12	19	0	31
PKG 1 Summary of Submitted Materials (%)				
Item	Approved	Revised and Resubmitted	Rejected	Total
Structural	55%	0%	0%	55%
Architectural	24%	7%	26%	57%
Electrical	81%	4%	15%	100%

PKG 2 Summary of Submitted Materials

■ Approved
 ■ Revised and Resubmitted
 ■ Rejected
 ■ Total



8.2 Architectural Shop Drawings & Submittal Tracking LOG

A- Architectural Shop Drawings Tracking LOG

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vRdEG1utZ-nB9rkaPTeYcagkPHCMacigbMM084ogf4IEWMHm9eYuFHZ4pRWAMuv2NIWSyb4oHxFgcD6/pubhtml?gid=0&single=true>

B- Architectural Materials Submittal Tracking LOG

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vRdEG1utZ-nB9rkaPTeYcagkPHCMacigbMM084ogf4IEWMHm9eYuFHZ4pRWAMuv2NIWSyb4oHxFgcD6/pubhtml?gid=195096481&single=true>

C- Architectural Materials Submittal Vendor List

- https://docs.google.com/spreadsheets/d/e/2PACX-1vR9GebO1353DC4vyq5OQT6A2-k37kB_c80Z8CbEyi2hPabsiNco2SWdK6mkP9SJhqv8eGjYMHzs1qUW/pubhtml?gid=2040333918&single=true

8.3 Civil Shop Drawings & Submittal Tracking LOG

A- Civil Shop Drawings Tracking LOG

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vRdEG1utZ-nB9rkaPTeYcagkPHCMacigbMM084ogf4IEWMHm9eYuFHZ4pRWAMuv2NIWSyb4oHxFgcD6/pubhtml?gid=571726278&single=true>

B- Civil Materials Submittal Tracking LOG

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vRdEG1utZ-nB9rkaPTeYcagkPHCMacigbMM084ogf4IEWMHm9eYuFHZ4pRWAMuv2NIWSyb4oHxFgcD6/pubhtml?gid=1554190090&single=true>

8.4 Electrical Shop Drawings & Submittal Tracking LOG

A- Electrical Shop Drawings Tracking LOG

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vRdEG1utZ-nB9rkaPTeYcagkPHCMacigbMM084ogf4IEWMHm9eYuFHZ4pRWAMuv2NIWSyb4oHxFgcD6/pubhtml?gid=264711885&single=true>

B- Electrical Materials Submittal Tracking LOG

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vRdEG1utZ-nB9rkaPTeYcagkPHCMacigbMM084ogf4IEWMHm9eYuFHZ4pRWAMuv2NIWSyb4oHxFgcD6/pubhtml?gid=551758152&single=true>

C- Electrical Materials Submittal Vendor List

- https://docs.google.com/spreadsheets/d/e/2PACX-1vR9GebO1353DC4vyq5OQT6A2-k37kB_c80Z8CbEyi2hPabsiNco2SWdK6mkP9SJhqv8eGjYMHzs1qUW/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-1vRdEG1utZ-nB9rkaPTeYcagkPHCMacigbMM084ogf4IEWMHm9eYuFHZ4pRWAMuv2NIWSyb4oHxFgcD6/pubhtml?gid=976840233&single=true>

B- Mechanical Materials Submittal Tracking LOG

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vRdEG1utZ-nB9rkaPTeYcagkPHCMaciqbMM084ogf4IEWMHm9eYuFHZ4pRWAMuv2NIWSyb4oHxFgcD6/pubhtml?gid=2071982786&single=true>

C- Mechanical Materials Submittal Vendor List

- https://docs.google.com/spreadsheets/d/e/2PACX-1vR9GebO1353DC4vyq5OQT6A2-k37kB_c80Z8CbEyi2hPabsiNco2SWdK6mkP9SJhqv8eGjYMHzs1qUW/pubhtml?gid=675695637&single=true

9 | Correspondence Tracking Logs

9.1 Incoming Letters LOG Sheet

- https://docs.google.com/spreadsheets/d/e/2PACX-1vSHHw2WoqLeY3nNg3kFHNNqOM0xed0IM8PiQT5C4bHNYPD_PM7IHxDkNzLrww5Y1JXxl1kmR6qSJW8/pubhtml?gid=0&single=true

9.2 Outgoing Letters LOG Sheet

- https://docs.google.com/spreadsheets/d/e/2PACX-1vSHHw2WoqLeY3nNg3kFHNNqOM0xed0IM8PiQT5C4bHNYPD_PM7IHxDkNzLrww5Y1JXxl1kmR6qSJW8/pubhtml?gid=527970852&single=true

10 | Non-conformance Report Tracking Log (HSE)

- https://docs.google.com/spreadsheets/d/e/2PACX-1vTzhJiXjdLcO2zeiWHbDQWlcMezmGbvwnITY8S4wB3k5CWmeG0pzrHk2D_gHh-36DW6cqZdkY07ZCos/pubhtml?gid=0&single=true

11 | Request For Information Tracking Logs

11.1 RFIs-Designer

- https://docs.google.com/spreadsheets/d/e/2PACX-1vQ4oNNCPFFwacFnr1XBugvaSCsQt2vCVsLErtfR4xH_qd1uji6W8ICK2RLSk6Zrd2jjqCrYEsxEbNB/pubhtml?gid=0&single=true

11.2 RFIs-Contractor

- https://docs.google.com/spreadsheets/d/e/2PACX-1vTmkwln_j4YadCLOh4ZmbtFOFg9CvWqn8Lyjla4mc4mFHqEQnEORDsSE9l6Ra9BgWUq0RSwVOzWPGB_/pubhtml?gid=0&single=true

12 | Site problems and Solutions

12.1 Hay Al Iskan Basic Mixed School-Jerash

A (10 m) regulatory street is planned to be executed by deduction 5 m along the south eastern side of the construction land, the other 5 m will be deducted from the neighbor land and this is according to the land deeds drawing enclosed with the design drawings. The Employer is addressed in this regard- we are awaiting their decision/ Pending.

12.2 Thahr Al Sarow Basic School for Boys-Jerash

The Contractor sent a letter informing that the plot boundary issue is not solved yet despite his following up with Jerash Municipality, MPWH is addressed in this regard/ Pending.

12.3 Jumana Bint Abi Taleb Basic Mixed School- Amman

The Contractor executed an adjacent wall to the existing one since the existing wall is considered as a shoring system for the existing planter and trees of the neighbor, based on MPWH representatives' verbal instructions during the conducted visit on 10/12/21

13 | Meetings and Site Visits

13.1 Coordination & Progress Meetings

Coordination & Progress Meetings				
No.	Date	Location	Parties	Agenda
1	26/04/2021	Wahib Medanat Consultant Engineers Office	<ul style="list-style-type: none"> • MPWH • USAID • Trigon • Wahib Medanat • Dijlah Est.Const. Contr 	<p>Monthly progress Meeting:</p> <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

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III

Location: Zoom Meeting
Date: April 26, 2021
Time: 12:00
Present:

1. Eng. Bassima Shehan ,HDIFP , MPWH
2. Eng. Ola Nababteh, Engineer at IFP, MPWH
3. Eng. Tarek Rashdan, PMS, USAID
4. Eng. Michael McGovern , Chief of Party, CMTO
5. Eng. Osama Obaid, SCM, CMTO
6. Eng. Maysoon Al Hiyari, SGL, CMTO
7. Eng. Abdelaziz Abu Wand, Civil Engineer, 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. Muhannad Abu Rshaid, 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



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

At the beginning, Suhair welcome the Attendees and gave an Introduction about the purpose of the meeting.

Package 2

1. Health, Safety and Environment

Sawsan stated that the Contractor abides with the Contract requirements regarding health, safety and environment and the protective measures for COVID-19 and Protocol are implemented in full, in all of the project sites as shown on the presented pictures such as checking the temperature, sterilization, provision of PPE, Weekly COVID-19 Check List, provision of healthy sanitary units and dorms, etc.

2. Site Borders, Boundary Walls and Soil Investigation

1

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



Sawsan stated described the site obstacles and their status as below:

- 2.1. Hay Al Iskan: the regulatory street issue site, Sawsan stated that we have been informed that MPWH and CMTO are following up this matter and it will be resolved soon. Maysoon clarified that this issue might take a while of time since CMTO opinion in this regard differs from the Municipality's.
- 2.2. Thahr Al Sarow: the encroaching road within the construction land, Sawsan said it is not resolved yet, Maysoon confirmed that there will be good news concerning this matter soon based upon the following up by USAID and CMTO.



3. Progress Review

- 3.1 Wahib shows a diagram for time report, which includes Commencement, start and finish dates for the project.
- 3.2 Graphs showing the elapsed time for each site, cash flow for the package, advanced payment and interim payment no.1.
- 3.3 CPM, a diagram showing the comparison between the accumulative actual progress (22.67 %) for the whole package which relatively the same of the planned percentage (24.80 %).
 - **Jumana School:** actual monthly progress is 0.85 %, the planned percentage is 1.92 %. Actual accumulative progress is 25.22 %, the planned percentage 25.65 %.
 - **Hay Al Iskan School:** actual monthly progress is 0.85 %, the planned percentage is 2.86 %. Actual accumulative progress is 23.20 %, the planned percentage 25.65 %.
 - **Thahr Al Sarow School:** actual monthly progress is 0.85 %; the planned percentage is 1.65 %. Actual accumulative progress is 25.65%, the planned percentage 23.15 %.
- 3.4 Variation Orders: Sawsan stated that MPWH approval on the Cyclopean concrete and the additional quantities at Thahr Al Sarow School was received recently in April.

4. Quality Control

Hasan stated that the quality of the works in general is acceptable; some minor issues in the submitted materials were corrected.

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



5. Submitted Materials

- 5.1 Wahib stated the total percentage of the submitted materials is 69.5 % and as follows, for architectural 57 % (approved 24 %), mechanical 66 % (26 %) and electrical 100 % (81 %) and structural 55% (approved 55%). He also gave a brief of the submittals in numbers.



6. Different issues

- 6.1 Suhair asked Amer if there is an inquiry or if he wants to add something, Amer thanked all the parties for following up the site obstacles issue.
- 6.2 Suhair thanked Amer for the work progress and appreciated Dijla's cooperation, Amer as well thanked Suhair for being so helpful and added that Medanat efforts to push the progress of the work is highly appreciated.



April Monthly
Progress
meeting- Wahib
Medanat Office
(Virtual)



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



General manager and SKEP-III key personnel participating in the meeting



13.2 Site Visits

Site Visits				
No.	Date	Location	Parties	Agenda
1	05/04/2021	Jumana Bint Abi Taleb Basic Mixed School-Amman	<ul style="list-style-type: none"> Eng. Osama Obaid, Eng. Talid, Eng. Well -CMTO Wahib Medanat Dijlah Est. Const. Contr 	<ul style="list-style-type: none"> Discussing work progress. Reviewing documentation (shop drawings- inspection requests – NCRs) Trigon representatives discussed the time schedule and checked if the contractor works according to the planned schedule.
2	21/04/2021	Thahr Al Sarow Basic School for Boys- Jerash	<ul style="list-style-type: none"> CMTO, Eng Abd El Aziz Wahib Medanat Dijlah Est. Const. Contra 	<ul style="list-style-type: none"> Abd El Aziz presented the submitted report to USAID which clarifies the current status of the site obstacle. He also stated that CMTO is following up this issue with Jerash Municipality and Education Directorate. Discussing the status of site obstacles in both (Thahr Al Sarow & Hay Al Iskan) sites. Reviewing and checking site documentations.
3	21/04/2021	Hai Al Iskan Basic Mixed School- Jerash	<ul style="list-style-type: none"> CMTO, Eng Abd El Aziz Wahib Medanat Dijlah Est. Const. Contra 	<ul style="list-style-type: none"> The Bounce of the street values required by Jerash Municipality was discussed and compared with the design drawing. Reviewing updated site documents.

Trigon Visit, April 5, 2021– Jumana Bint Abi Taleb Basic School for Boys - Jerash (Refer to 13.2 Site Visits Table)



Temperature check at the entrance of the site, complying with Covid-19 Protocol



Tour
around the
site



Discussing
work
progress
and Quality
check of
executed
works



←

A site meeting was held at the site after the site visit, the purpose of the meeting was:

- Checking the availability of different documents and plans
- Following up work progress including boundary walls
- Discussing the additional quantities of the boundary walls



Trigon Visit, April 21, 2021– Thahr Al Sarow Basic School for Boys - Jerash (Refer to 13.2 Site Visits Table)



Project ID Sign on Site



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



Reviewing and checking site documentations



Eng. Abd El Aziz presenting the report submitted to USAID which clarifies the current status of the site obstacle.

Trigon Visit, April 21, 2021– Hay Al Iskan Basic Mixed School - Jerash (Refer to 13.2 Site Visits Table)

 USAID FROM THE AMERICAN PEOPLE		
SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT Phase3 / Package2 Hay Al Iskan Basic Mixed School JERASH	مشروع مدارس الإقتصاد المعرفي المرحلة الثالثة / الحزمة الثانية مدرسة حي الإسكان الأساسية المختلطة - جرش	
Owner : Ministry Of Education	المالك: وزارة التربية والتعليم	
employer : Ministry Of Public Works And Housing	صاحب العمل: وزارة الأشغال العامة والإسكان	
Founded By: United States Agency For International Development (USAID)	تمويل: الوكالة الأمريكية للتنمية الدولية (USAID)	
Designed By : Engicon	تصميم: شركة المستشار للهندسة	
consultant : WAHIB MEDANAT Consultant Engineers	الاستشاري: وهيب مدانات مهندسون مستشارون	
Contractor : Dijlah Establishment Constr. Contracting Company	المقاول: مؤسسة دجلة للمقاولات الإنشائية	
Contract Number : 10/2019/USAID/SKEP/3/2	رقم العطاء:	
Duration Of Contract : 450 Days	مدة المشروع: ٤٥٠ يوما	

Project ID
Sign on Site



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





Checking updated Site documents



The Bounce of the street values required by Jerash Municipality was discussed and compared with the design drawing.

13.3 Regular Monthly Site Visits (Home Office Support)

Regular Monthly Sits Visits (Home Office Support)				
1	06/04/2021	Hay Al Iskan Basic Mixed School- Jerash	<ul style="list-style-type: none"> • EngineerR ep. 	<ul style="list-style-type: none"> • Discussing site obstacles' status. • Discussing work progress and comparing it with the approved work schedule. • Discussing main quality issues.
2	17/04/2021	Jumana Bint Abi Taleb Basic Mixed School- Amman	<ul style="list-style-type: none"> • EngineerR ep. 	<ul style="list-style-type: none"> • Eng. Yousef gave a brief about ongoing work. • Eng. Wahib applauded the work done properly at the site. • Visual testing was conducted on stone (Musamsam and Mufajar). • Discussing obstacles facing the progress of work, which were summarized in executing mechanical works.
3	28/04/2021	Thahr Al Sarow Basic School for Boys- Jerash	<ul style="list-style-type: none"> • EngineerR ep. 	<ul style="list-style-type: none"> • Discussing site obstacles status, the encroaching street upon the construction site • Discussing if the required space for filling materials under flooring tiles is enough for the mechanical installation of the labs. • Discussing work progress.







SKEP III

Site Visit Report

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MEDANAT**
consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	031
Contractor	Dijlah Establishment Constr. Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
Site Name	Hay Al Iskan Basic Mixed School- Jerash	Day/ Date	Tue. 06/04/2021
Duration of Project	450 Calendar Days	Total Project Budget	8,314,983.735 JD

No.	Visitors		Remarks
1	Suhair Amarin	Project Dir.	
3	Akram Khammes	Electrical Eng.	
4	Marwan Sonna'a	Mech. Eng.	
5	Wahib Medanat	General Manager	
Visit Notes			
No.	Description		
1	Discussing the status of the site obstacles.		
2	Discussing the work progress comparing with the approved work schedule.		
3	Discussing some quality issue.		
Attached			
<input type="checkbox"/> 1:			

1

- CC: Project Director



SKEP III Home Office Support Site Visit Report

WAHIB
MEDANAT
consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	23-17042021
Contractor	Dijlah Establishment Constr. Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
Site Name	Jumana Bint Abi Taleb Basic Mixed School- Amman	Day/ Date	Sat. 17/04/2021
Duration of Project	450 Calendar Days	Total Project Budget	8,314,983.735 JD

No.	Visitors		Remarks
1	Suhair Amarin	- Project Dir./Head of Architectural Department	
2	Wahib Medanat	-General Manager/Civil Engineer	
3	Akram Khammes	-Electrical Engineer	
4	Marwan Sonna'a	-Mechanical Engineer	

Visit Notes

No.	Description
1	- A tour was conducted around the construction site, where Eng. Yousef gave a brief about ongoing works. - For his part, Eng. Wahib applauded the work done properly at the site, and enquired about the wood used in formwork, which Eng. Sawsan confirmed it is brand new. - Visual testing was conducted on stone (Musamsam and Mufajar) delivered to site then it was compared to the approved sample with the participation of the site staff.
2	- Discussing obstacles facing the progress of work, which were summarized in one and only obstacle (the execution of mechanical works), which takes more time the scheduled. Eng. Suhair stressed on the necessity of taken a prompt action regarding this matter, explaining that there is no space for delays.
3	- Engineer's Reps concluded to 3 main issues at the end of the meeting: 1- Stones suffering defects should be excluded from work. 2- Sand blast will remove any external shell layer. 3- A letter should be addressed to the Contractor regarding the mechanical shop drawings and the system of work.



SKEP III Home Office Support Site Visit Report

**WAHIB
MEDANAT**
consultant engineers



Project ID Sign on Site



SKEP III Home Office Support Site Visit Report

WAHIB
MEDANAT
consultant engineers



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





SKEP III Home Office Support Site Visit Report

WAHIB
MEDANAT
consultant engineers



Eng. Wahib gave an explanation of Quality which has been defined as fitness for use, conformance to contract requirements, and the pursuit of excellence. Visual testing was conducted on stone delivered to site then it was compared to the approved sample with the participation of the site staff





SKEP III Home Office Support Site Visit Report

WAHIB
MEDANAT
consultant engineers



A tour was conducted around the construction site, where Eng. Yousef gave a brief about ongoing works





SKEP III Home Office Support Site Visit Report

**WAHIB
MEDANAT**
consultant engineers



Eng. Wahib is giving a brief to the site staff about some technical points to be taken into consideration



Following up ongoing activities (such as:

- 1- preparing steel reinforcement for ground floor slab (part 1).
- 2- Preparing first fix for electromechanical works/ground floor slab.
- 3- De-shuttering stiffener columns for boundary wall (BW4).
- 4- De-shuttering walls behind stone for ground floor (part 2).



SKEP III Home Office Support Site Visit Report

WAHIB
MEDANAT
consultant engineers



Tour to inspect the streets adjacent to the site and neighborhood





SKEP III Home Office Support Site Visit Report

**WAHIB
MEDANAT**
consultant engineers



A site meeting was held at site supervision office immediately after the site visit, the purpose of the meeting was:

- 1- To discuss and coordinate upcoming project activities.
- 2- Facilitating better communication with the contractor.
- 3- Inspecting all the on-site works to date and discuss the work schedule





Minutes of Meeting

Subject: Conducted Site Visit by Home Office Support Engineers

Location: Jumana School

Date: 17 April, 2020

Time: 10:00

Present:

1. Eng. Wahib Medanat, General Manager, Medanat
2. Eng. Suhair Amarin, Project Director, Medanat
3. Eng. Natheer Amarin, Project Manager, Medanat
4. Eng. Sawsan Al-Yousef, Resident Engineer, Medanat
5. Mr. Mohammad Mbydeen, Safety Officer, Medanat
6. Eng. Yousef Omar, Site Engineer, Medanat
7. Eng. Wesam Allouzi, Fresh Graduated Engineer, Medanat

The Purpose of the Meeting is to discuss the progress of the works and the related obstacles

Introduction

1. A tour was conducted among the construction site

- 1.1. Yousef gave a description about the project and the ongoing works.
- 1.2. Wahib stated that the works are executed properly and the existing wood used in formwork is new, Sawsan & Yousef confirmed that.
- 1.3. Visual testing was conducted on stone (Musamsam and Mufajar) delivered to site then it was compared to the approved sample with the participation of the site staff.

2. Discussed Issues

- 2.1. Wahib asked if there are obstacles that the Engineer's staff are facing in the work.
- 2.2. Yousef stated "No", except in the execution of the mechanical works.
- 2.3. Sawsan confirmed that and added despite our repeated comments on the submitted updated work schedule regarding the coordination of the different works and our site memos, the inspection of the mechanical works usually takes a long time by our mechanical engineer.
- 2.4. Wahib & Suhair stated that an action should be taken concerning this matter in order to avoid any delay in the work, Sawsan & Natheer confirmed.



SKEP III Home Office Support Site Visit Report

WAHIB MEDANAT 2.5. Yousef presents a tracking log for structural shop drawings.
consultant engineers

3. Agreements

- 3.1. The stone pieces which contains some defects should be excluded from the work.
- 3.2. Sand blast will remove any external shell layer which includes some remaining stuff.

- 3.3. A letter should be addressed to the Contractor regarding the mechanical shop drawings and system of work.







SKEP III

Site Visit Report

WAHIB
MEDANAT
consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	036
Contractor	Dijlah Establishment Constr. Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
Site Name	Thahr Al Sarow Basic School for Boys- Jerash	Day/ Date	Wed. 28/04/2021
Duration of Project	450 Calendar Days	Total Project Budget	8,314,983.735 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 status of the site obstacle, the encroaching road within the construction site.		
2	Discussing if the required space for fill materials under flooring tiles is enough for the mechanical installation for the labs.		
3	Discussing the work progress.		
Attached			
<input type="checkbox"/> 1:			

1

- CC: Project Director
-

14 | Manpower Logs

14.1 Hay Al Iskan Basic Mixed School – Jerash Progress

- ❑ Manpower Link
- ❑ https://docs.google.com/spreadsheets/d/e/2PACX-1vRXb4bDZI7Ku34jjRyxoTnqejFylzTOduygJOpL_Juj86bGnOFJJPOwwYVEQxP9aBcSWHtma0_M0egP/pubhtml?gid=1909686274&single=true

14.2 Thahr Al Sarow Basic School for Boys-Jerash

- ❑ Manpower Link
- ❑ https://docs.google.com/spreadsheets/d/e/2PACX-1vRXb4bDZI7Ku34jjRyxoTnqejFylzTOduygJOpL_Juj86bGnOFJJPOwwYVEQxP9aBcSWHtma0_M0egP/pubhtml?gid=0&single=true

14.3 Jumana Bint Abi Taleb Basic Mixed School- Amman

- ❑ Manpower Link
- ❑ https://docs.google.com/spreadsheets/d/e/2PACX-1vRXb4bDZI7Ku34jjRyxoTnqejFylzTOduygJOpL_Juj86bGnOFJJPOwwYVEQxP9aBcSWHtma0_M0egP/pubhtml?gid=1399105020&single=true

15 | Daily Plant and Equipment

15.1 Hay Al Iskan Basic Mixed School – Jerash Progress

- ❑ Daily Plant and Equipment Link
- ❑ https://docs.google.com/spreadsheets/d/e/2PACX-1vQ0nYEO9-XpZ_GOGI71TvoMgEK1bGiQPcGc2wh6i3DRznB8u0qXFCEBr233baw8FZ7UZSJGEGfWAPbhY/pubhtml?qid=887604355&single=true

15.2 Thahr Al-Sarow Basic School for Boys- Jerash

- ❑ Daily Plant and Equipment Link
- ❑ https://docs.google.com/spreadsheets/d/e/2PACX-1vQ0nYEO9-XpZ_GOGI71TvoMgEK1bGiQPcGc2wh6i3DRznB8u0qXFCEBr233baw8FZ7UZSJGEGfWAPbhY/pubhtml?qid=1470792738&single=true

15.3 Jumana Bint Abi-Taleb Basic Mixed School- Amman

- ❑ Daily Plant and Equipment Link
- ❑ https://docs.google.com/spreadsheets/d/e/2PACX-1vQ0nYEO9-XpZ_GOGI71TvoMgEK1bGiQPcGc2wh6i3DRznB8u0qXFCEBr233baw8FZ7UZSJGEGfWAPbhY/pubhtml?qid=0&single=true

16 | Lab-test Results Tracking Log

16.1 Hay Al Iskan Basic Mixed School – Jerash

□ Link

- https://docs.google.com/spreadsheets/d/e/2PACX-1vR4EphcOou7-HEhYG51yof7b93LVXgdeC1VxQMXCTp2_5pid-qUmyNVFtXyQuFRbstNobH7bPvVYNQj/pubhtml?gid=0&single=true

16.2 Thahr Al-Sarow Basic School for Boys- Jerash

□ Link

- https://docs.google.com/spreadsheets/d/e/2PACX-1vR4EphcOou7-HEhYG51yof7b93LVXgdeC1VxQMXCTp2_5pid-qUmyNVFtXyQuFRbstNobH7bPvVYNQj/pubhtml?gid=1238832747&single=true

16.3 Jumana Bint Abi-Taleb Basic Mixed School- Amman

□ Link

- https://docs.google.com/spreadsheets/d/e/2PACX-1vR4EphcOou7-HEhYG51yof7b93LVXgdeC1VxQMXCTp2_5pid-qUmyNVFtXyQuFRbstNobH7bPvVYNQj/pubhtml?gid=1096182752&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 (ElectricalTelephone...)	Existing Electromechanical Obstacles	Construction	Others	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Jumana Bint Abi Taleb Basic Mixed School	Amman	99%	Once the Autocad is provided	-	-	-	-	-	-	-	-	The Contractor executed an adjacent wall to the existing one since the existing wall is considered as a shoring system for the existing planter and trees of the neighbor. Based upon MPWH representatives verbal instructions during the conducted visit on 10/12/21	The Contractor executed an adjacent wall to the existing one since the existing wall is considered as shoring system for the existing planter and trees of the neighbor
2	Hay Al Iskan Basic Mixed School	Jerash	99%	Once the Autocad is provided	-	-	-	-	-	-	-	-	A regulatory (10 m) street is planned to be executed by deduction 5 m along the south western side , the other 5 m will be deducted of the neighbor land.	The Employer is addressed in this regard , awaiting for their decision
3	Thahr Al Sarow Basic School for Boys	Jerash	99%	Once the Autocad is provided	-	-	-	-	-	-	-	-	The Contractor sent a letter informing that the plot boundary issue is not solved yet despite his following up with Jerash Municipality, MPWH is addressed in this regard	Not solved yet

17.1 Hay Al Iskan Basic Mixed School - Jerash

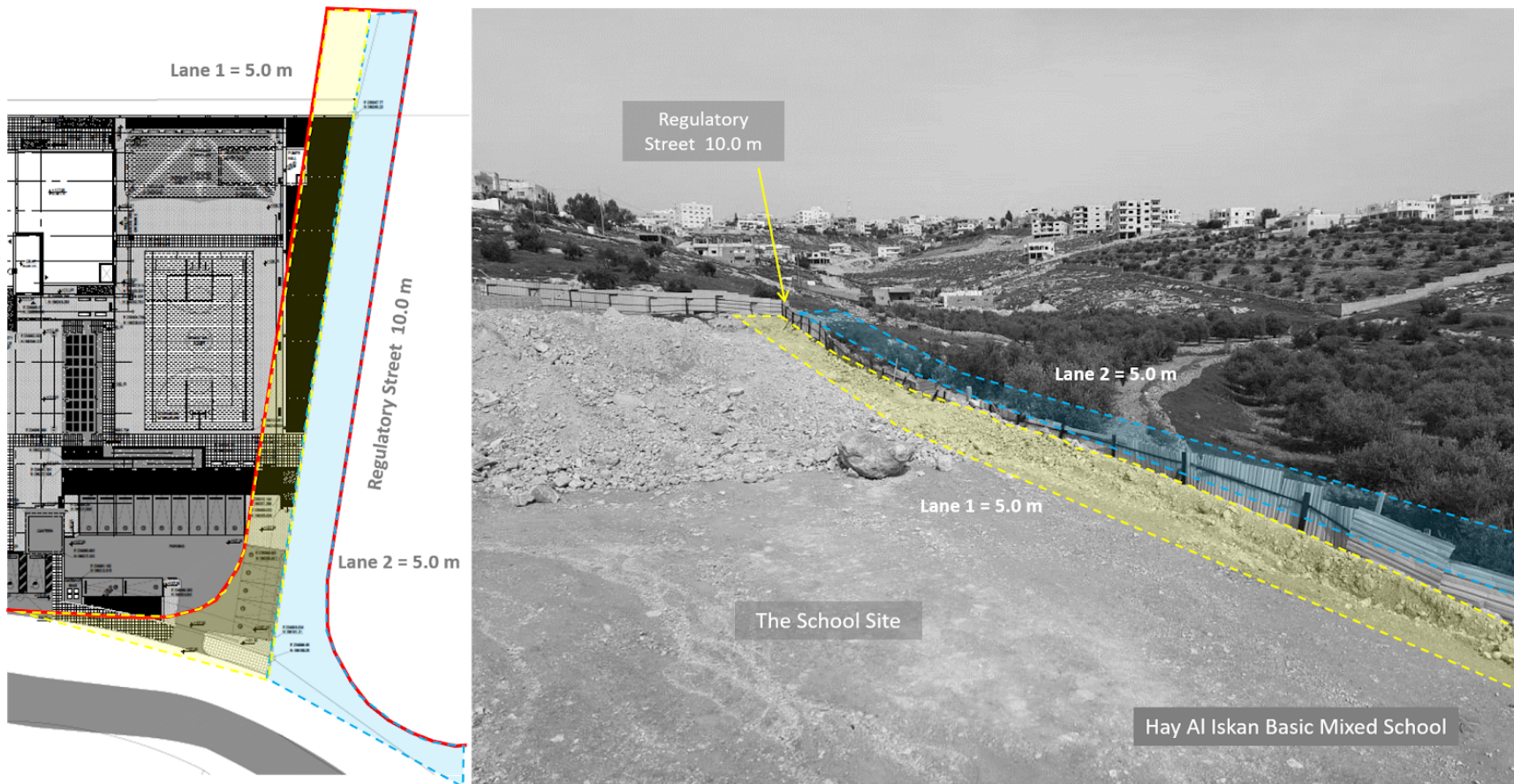


Figure 1. A regulatory (10.0 m) street is planned to be executed by deduction 5.0 m along the south western side, the other 5.0 m will be deducted of the neighbor land.

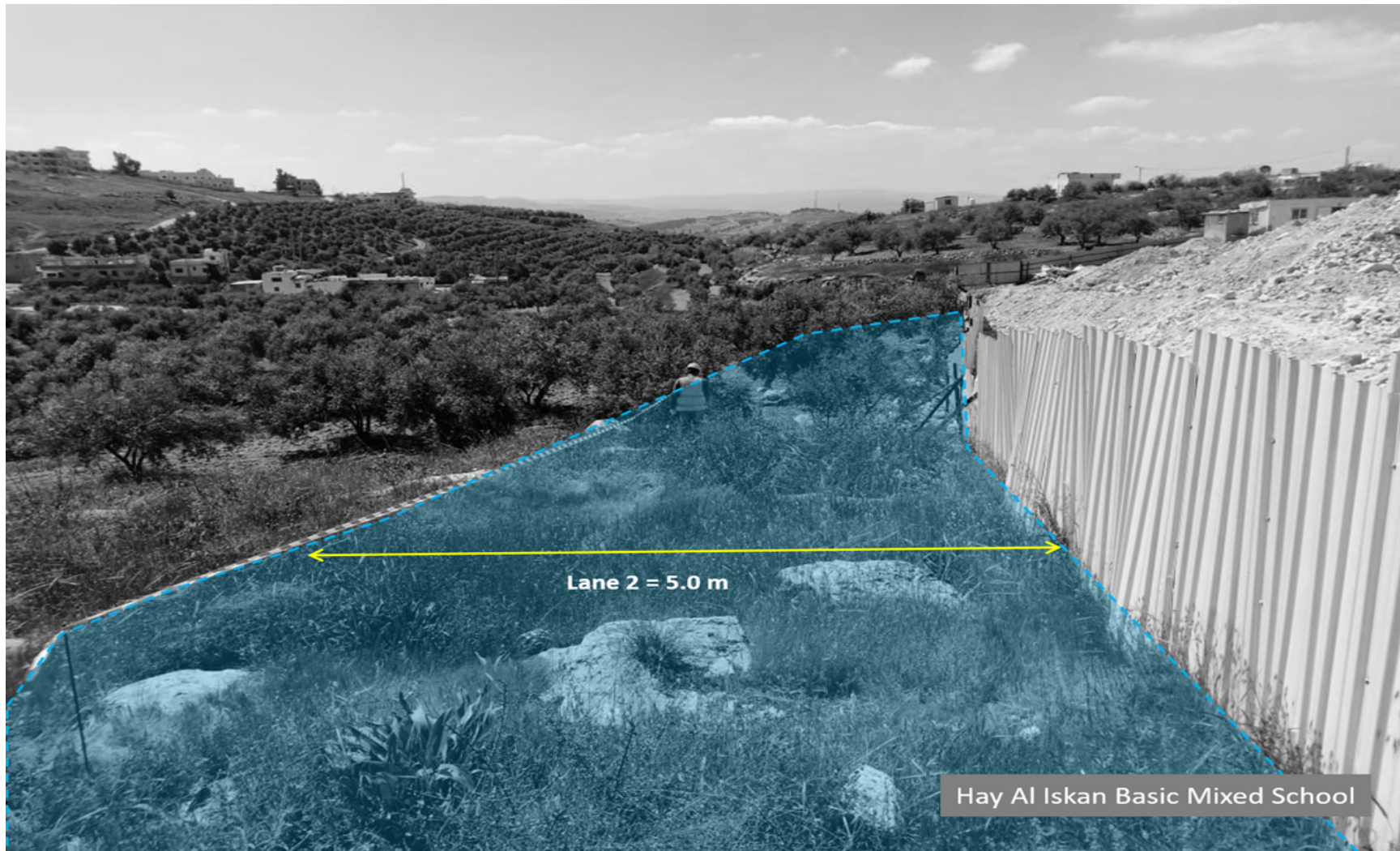


Figure 2. The 5.0 m encroachment on the neighbor's land

17.2 Thahr Al Sarow Basic School for Boys – Jerash



Figure 3. Existing street encroaching on the site boundary

18 | Selected Photos

18.1 Hay Al Iskan Basic Mixed School- Jerash



Ground floor
slab
formwork
Part (1)

01/04/2021



Ground floor
slab steel
reinforceme
nt and
electrical
work part (1)

08/04/2021



Casting
concrete for
ground floor
slab part (1)

12/04/2021



Steel
reinforcement
for ground
floor slab
part (2)

08/04/2021



Casting
Concrete
for
Ground
Floor Slab
Part (2)

21/04/2021



General
View of
Project site

08/04/2021

18.2 Thahr Al Sarow Basic School for Boys- Jerash



First floor slab
formwork

03/04/2021



De-shuttering
ground floor
slab

10/04/2021



Steel
reinforcement
for second floor
columns

22/04/2021



South- East view
of the Project

28/04/2021

18.3 Jumana Bint Abi Taleb Basic Mixed School - Amman



Steel reinforcement for Slab on grade

01/04/2021



Ground floor columns' formwork

07/04/2021



ground floor
slab formwork
and steel
reinforcement
part (1)

15/04/2021



General
View of the
Project site

28/04/2021

19 | Location Links

19.1 [Hay Al Iskan Basic Mixed School – Jerash](#)

19.2 [Thahr Al-Sarow Basic School for Boys - Jerash](#)

19.3 [Jumana Bint Abi-Taleb Basic Mixed School - Amman](#)

21 | Website Reports Links

20.1 [Daily Reports](#)

20.2 [Weekly Reports](#)

20.3 [Monthly Reports](#)

20.4 [CMTO Inspection Reports](#)

20.5 [Quality Reports](#)