

# School for Knowledge Economy Project (SKEP)

## Phase III – Package 2

### Monthly Progress Report

No. 11

August, 2021



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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 a five floors building, with a total approximate area of 5420 m<sup>2</sup> 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 a five floors building, with a total approximate area of 4615 m<sup>2</sup> 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	-	-	-	-	-	-	-	-
<b>Total</b>		<b>7300.55</b>	<b>21</b>			<b>-</b>	<b>756</b>	<b>143.5</b>	<b>8.5</b>	<b>16.2</b>

□ Location Link:

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



### C- Jumana Bint Abi Taleb Basic Mixed School – Amman

The project consists of a five floors building, with a total approximate area of 5460 m<sup>2</sup> in addition to site works deemed in the drawings and BOQ.

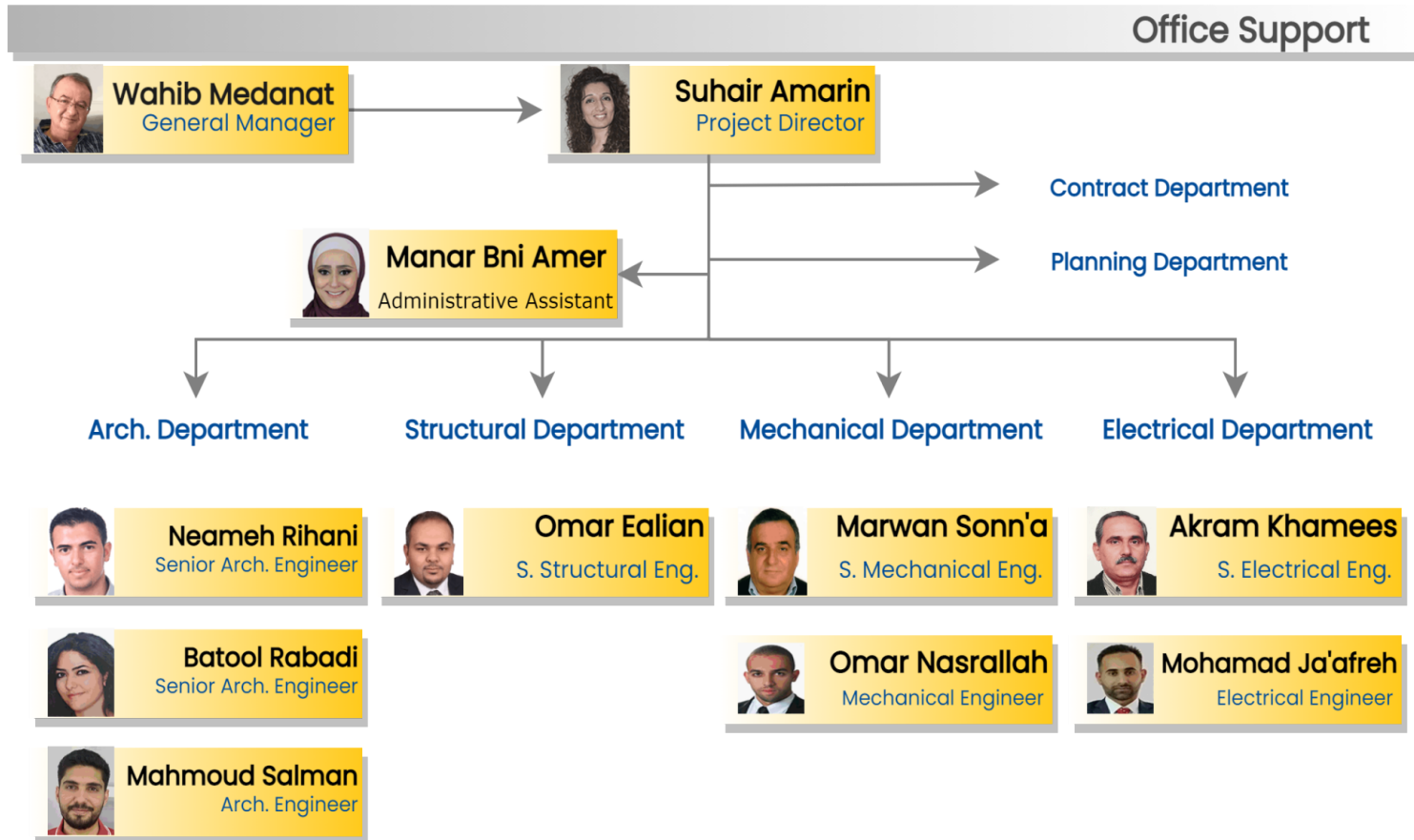
#### Main Elements

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	-	-	-	-	-	-	-	-
<b>Total</b>		<b>11105.6</b>		<b>27</b>		<b>-</b>	<b>924</b>	<b>52</b>	<b>34</b>	<b>107</b>

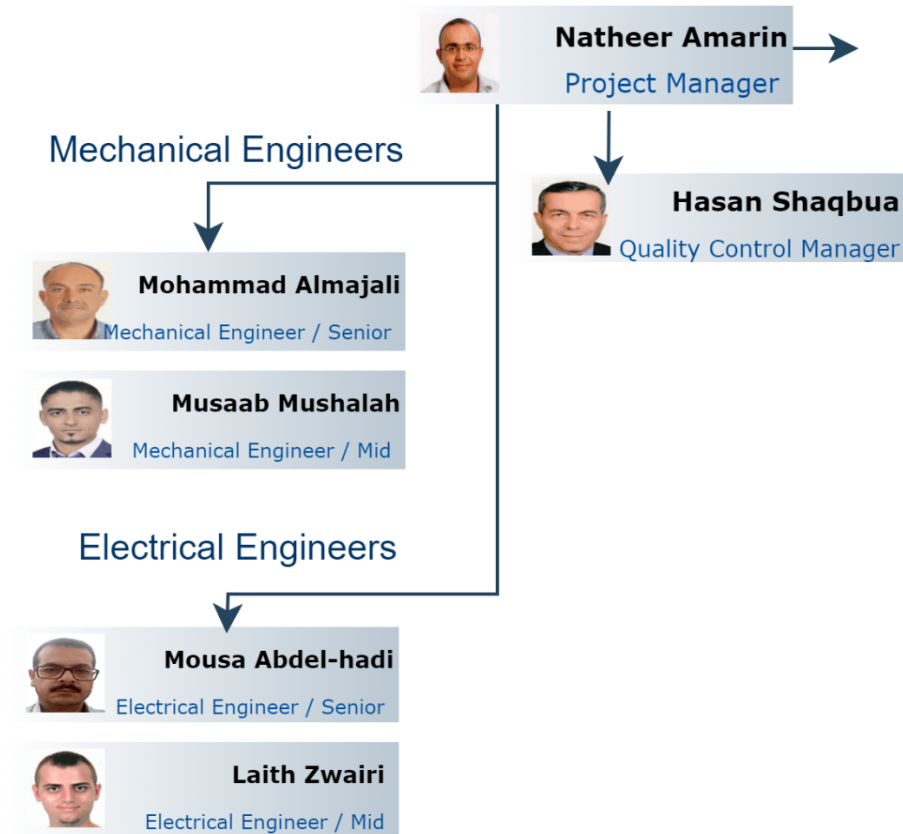
□ Location Link:

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

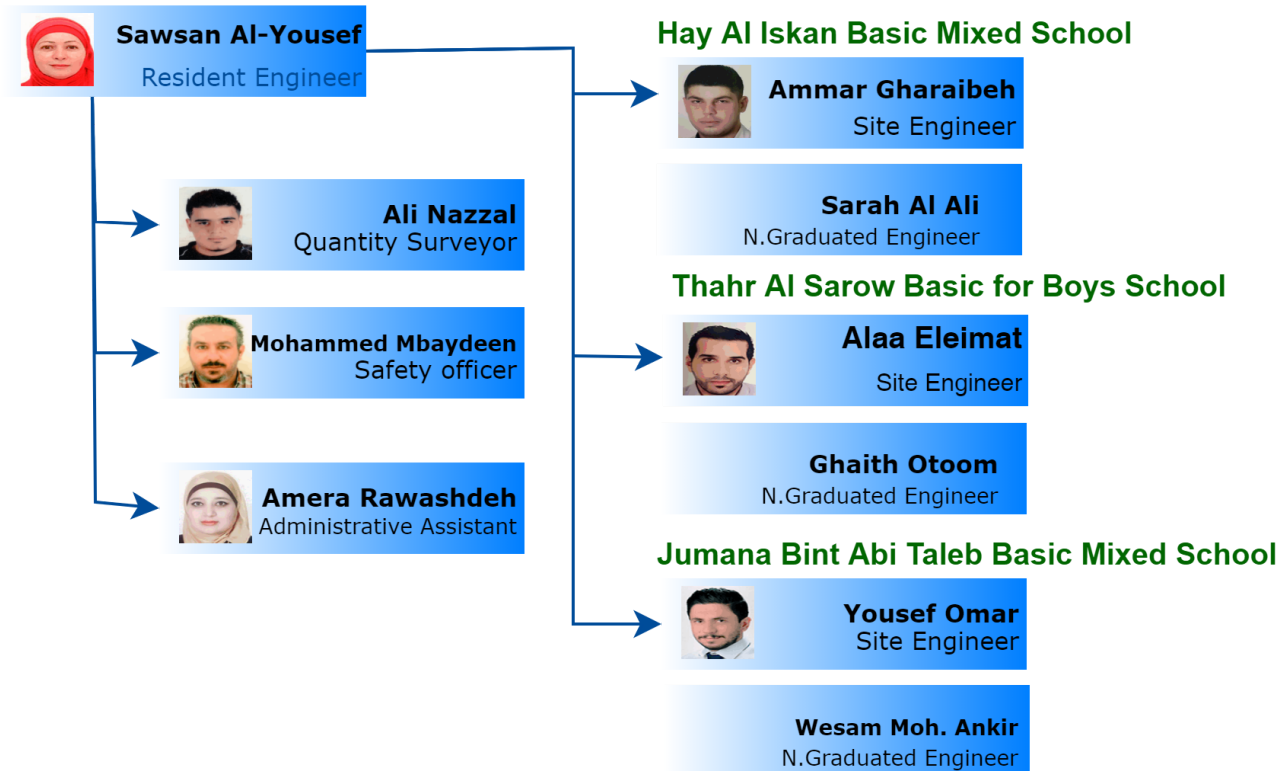
## 2 | Consultant Organization Project Staff



Package 1,2



Package 2



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

## 3 | Summary of Activities

### 3.1 Hay Al-Iskan Basic School Mixed School – Jerash

- [https://docs.google.com/spreadsheets/d/e/2PACX-1vRlj\\_sbEVloJhuneLZKz58e9zt4DzUQOXzNB5qmELXo-Js\\_ORBrtROsV\\_fY7\\_bINaqmzgZHZtJewkz5l/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vRlj_sbEVloJhuneLZKz58e9zt4DzUQOXzNB5qmELXo-Js_ORBrtROsV_fY7_bINaqmzgZHZtJewkz5l/pubhtml?gid=0&single=true)

### 3.2 Thahr Al-Sarow Basic School for Boys- Jerash

- [https://docs.google.com/spreadsheets/d/e/2PACX-1vRlj\\_sbEVloJhuneLZKz58e9zt4DzUQOXzNB5qmELXo-Js\\_ORBrtROsV\\_fY7\\_bINaqmzgZHZtJewkz5l/pubhtml?gid=834925315&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vRlj_sbEVloJhuneLZKz58e9zt4DzUQOXzNB5qmELXo-Js_ORBrtROsV_fY7_bINaqmzgZHZtJewkz5l/pubhtml?gid=834925315&single=true)

### 3.3 Jumana Bint Abi-Taleb Basic Mixed School- Amman

- [https://docs.google.com/spreadsheets/d/e/2PACX-1vRlj\\_sbEVloJhuneLZKz58e9zt4DzUQOXzNB5qmELXo-Js\\_ORBrtROsV\\_fY7\\_bINaqmzgZHZtJewkz5l/pubhtml?gid=234544642&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vRlj_sbEVloJhuneLZKz58e9zt4DzUQOXzNB5qmELXo-Js_ORBrtROsV_fY7_bINaqmzgZHZtJewkz5l/pubhtml?gid=234544642&single=true)

### 3.4 Mobilization Tracking Log

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vS0kP5MQzd5BsVul5qv4uGhgYhEOsCf13Xkj6wiNFF3wWxJGDYzBXJee4nXhRz0oF8wrrJjyliho1R/pubhtml?gid=18990041&single=true>

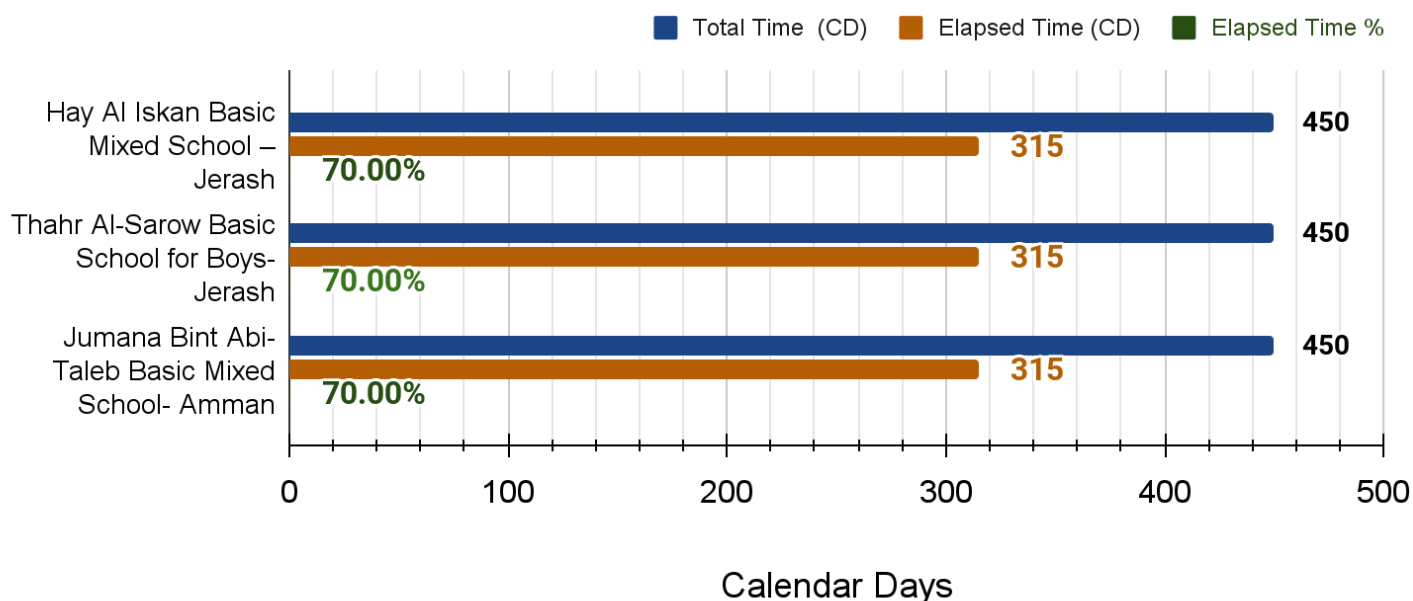
### 3.5 Log of Activities

- [https://docs.google.com/spreadsheets/d/e/2PACX-1vS0j\\_bZhY1KIZNhr5InuWyBj1wqGKNzqOLwDqABSG\\_6vBL4nH\\_Xhl\\_JywEaQvTedlvSmB8Lwbiv-1BYs/pubhtml?gid=1004043320&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vS0j_bZhY1KIZNhr5InuWyBj1wqGKNzqOLwDqABSG_6vBL4nH_Xhl_JywEaQvTedlvSmB8Lwbiv-1BYs/pubhtml?gid=1004043320&single=true)

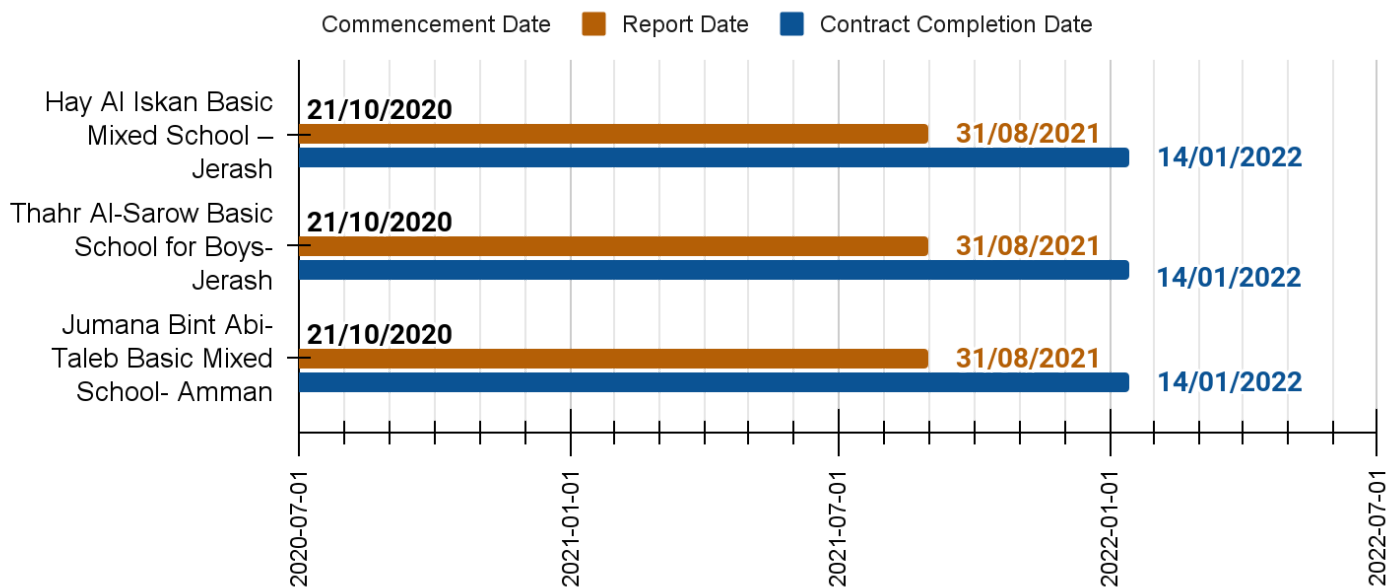
## 4 | Project Time and Duration

PGK 2 Report Date		2021-08-31			
	Site Name	Contract Duration (CD)	Time Extension (CD)	Total Time (CD)	Elapsed Time (CD)
21	Hay Al Iskan Basic Mixed School – Jerash	450	0	450	315
22	Thahr Al-Sarow Basic School for Boys- Jerash	450	0	450	315
23	Jumana Bint Abi-Taleb Basic Mixed School- Amman	450	0	450	315

### SKEP III PKG 2 Time Chart



	Site Name	Commencement Date	Report Date
21	Hay Al Iskan Basic Mixed School – Jerash	2020-10-21	2021-08-31
22	Thahr Al-Sarow Basic School for Boys- Jerash	2020-10-21	2021-08-31
23	Jumana Bint Abi-Taleb Basic Mixed School- Amman	2020-10-21	2021-08-31



## 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	2686848	2646545.28	11000	82500	45900	45211.5	Execution additional mechanical works/ Galvanized Pipes	2180	2791536.78
							Usp	4100	
Thahr Al Sarow Basic School	2329182	2294244.27	11000	55000	43450	42798.25	Cyclopean Concrete	4531	2437566.52
							Additional Quantities	29993	
Jumana Bint Abi Taleb Basic Mixed School	2936321	2892276.18	11000	55000	69450	68408.25	Cancellation of Sewage Connection Tank	-38739.065	2987945.365
<b>Total</b>	<b>7952351</b>	<b>7833065.73</b>	<b>225500</b>		<b>158800</b>	<b>156418</b>		<b>2064.935</b>	<b>8217048.665</b>
Provisional sum (Utilities)									100000
<b>Total Amount</b>									<b>8317048.665</b>

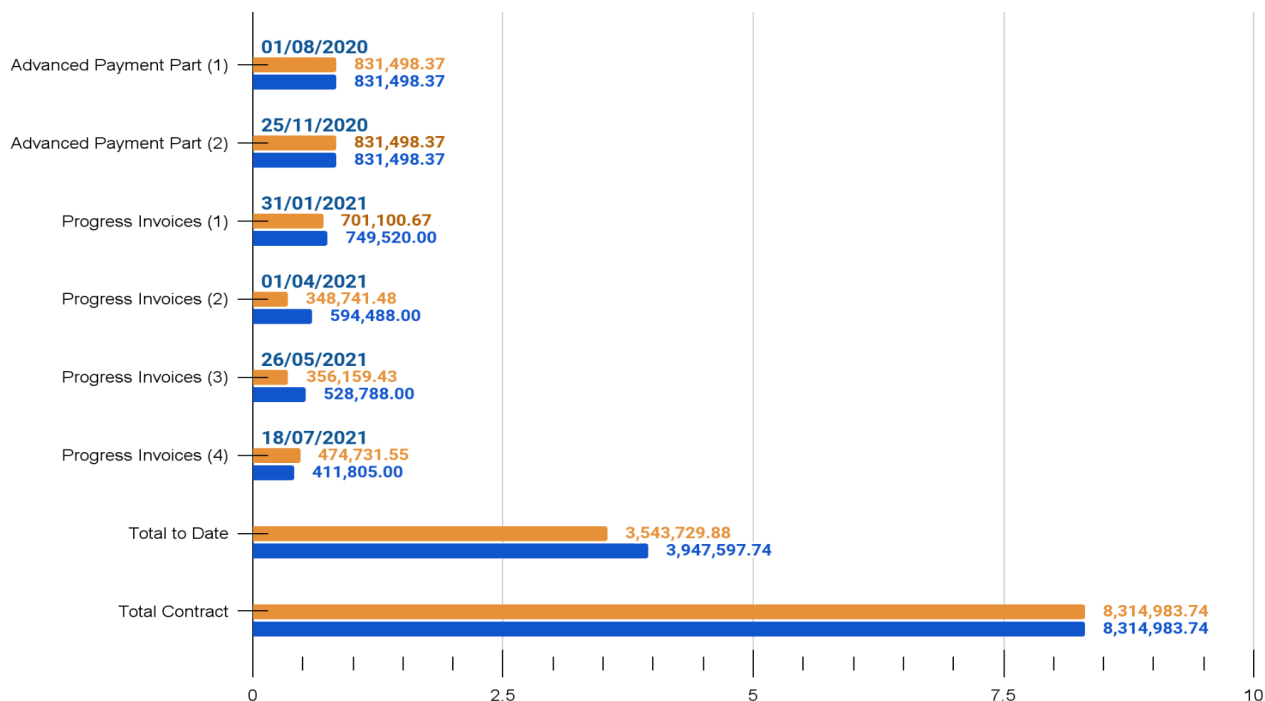


## 6 | Cash Flow

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	749,520.00
Progress Invoices (2)	01/04/2021	348,741.48	594,488.00
Progress Invoices (3)	26/05/2021	356,159.43	528,788.00
Progress Invoices (4)	18/07/2021	474,731.55	411,805.00
<b>Total to Date</b>		<b>3,543,729.88</b>	<b>3,947,597.74</b>

### Package 2- Cash Flow

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

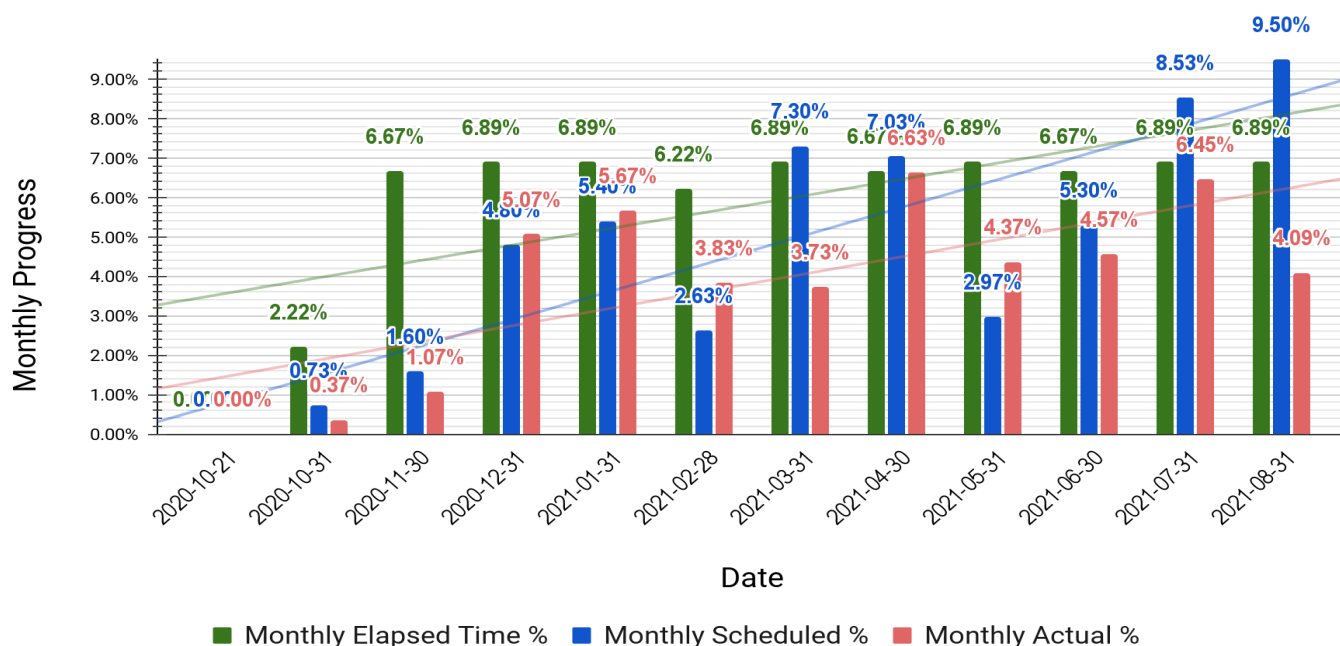


## 7 | Progress

### 7.1 Package 2 Average Progress

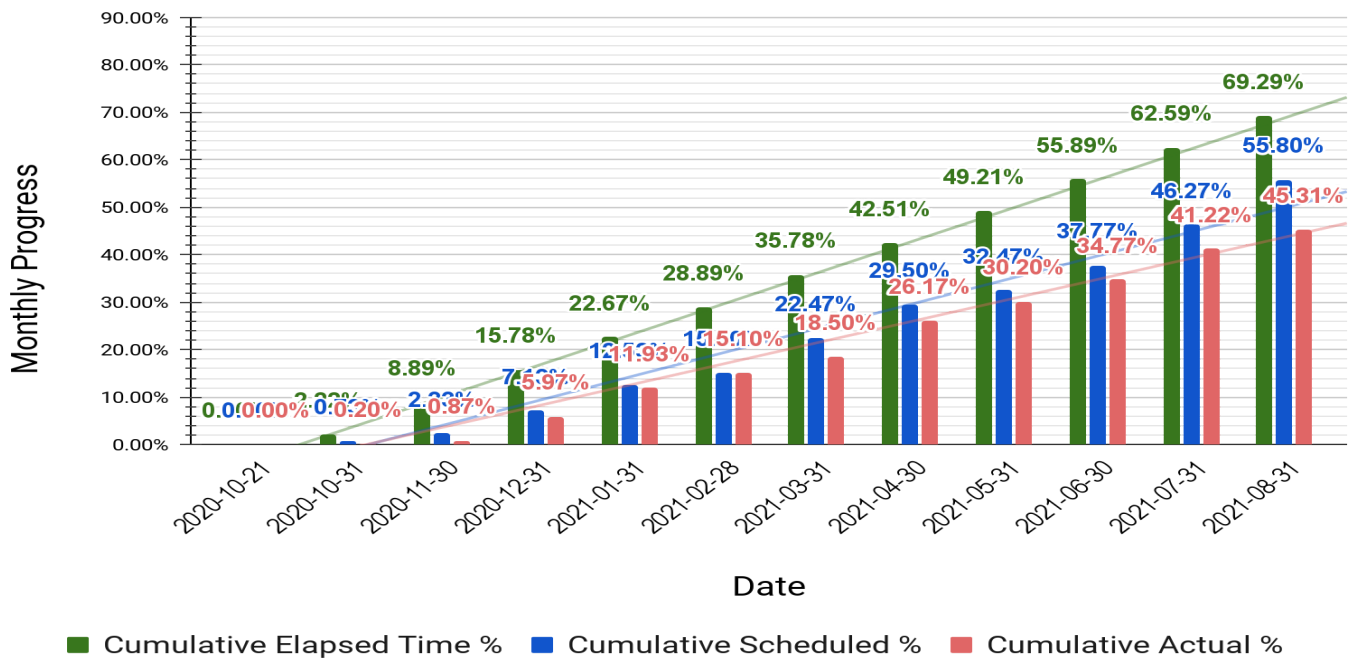
Package 2 Monthly Progress			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-10-21	0.00%	0.00%	0.00%
2020-10-31	2.22%	0.73%	0.37%
2020-11-30	6.67%	1.60%	1.07%
2020-12-31	6.89%	4.80%	5.07%
2021-01-31	6.89%	5.40%	5.67%
2021-02-28	6.22%	2.63%	3.83%
2021-03-31	6.89%	7.30%	3.73%
2021-04-30	6.67%	7.03%	6.63%
2021-05-31	6.89%	2.97%	4.37%
2021-06-30	6.67%	5.30%	4.57%
2021-07-31	6.89%	8.53%	6.45%
2021-08-31	6.89%	9.50%	4.09%

**Package 2  
 Monthly Progress**

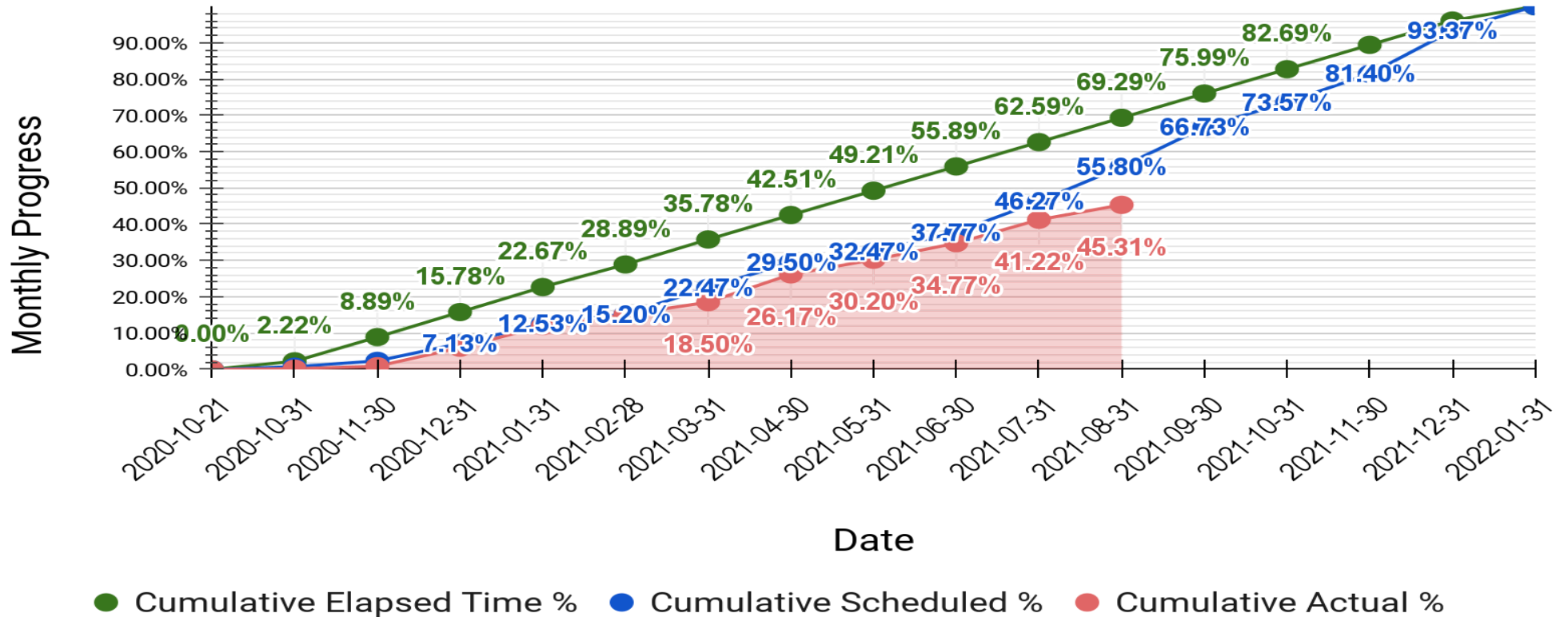


Package 2 Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-10-21	0.00%	0.00%	0.00%
2020-10-31	2.22%	0.73%	0.20%
2020-11-30	8.89%	2.33%	0.87%
2020-12-31	15.78%	7.13%	5.97%
2021-01-31	22.67%	12.53%	11.93%
2021-02-28	28.89%	15.20%	15.10%
2021-03-31	35.78%	22.47%	18.50%
2021-04-30	42.51%	29.50%	26.17%
2021-05-31	49.21%	32.47%	30.20%
2021-06-30	55.89%	37.77%	34.77%
2021-07-31	62.59%	46.27%	41.22%
2021-08-31	69.29%	55.80%	45.31%

### PKG 2 Average For Three Sites Cumulative Progress



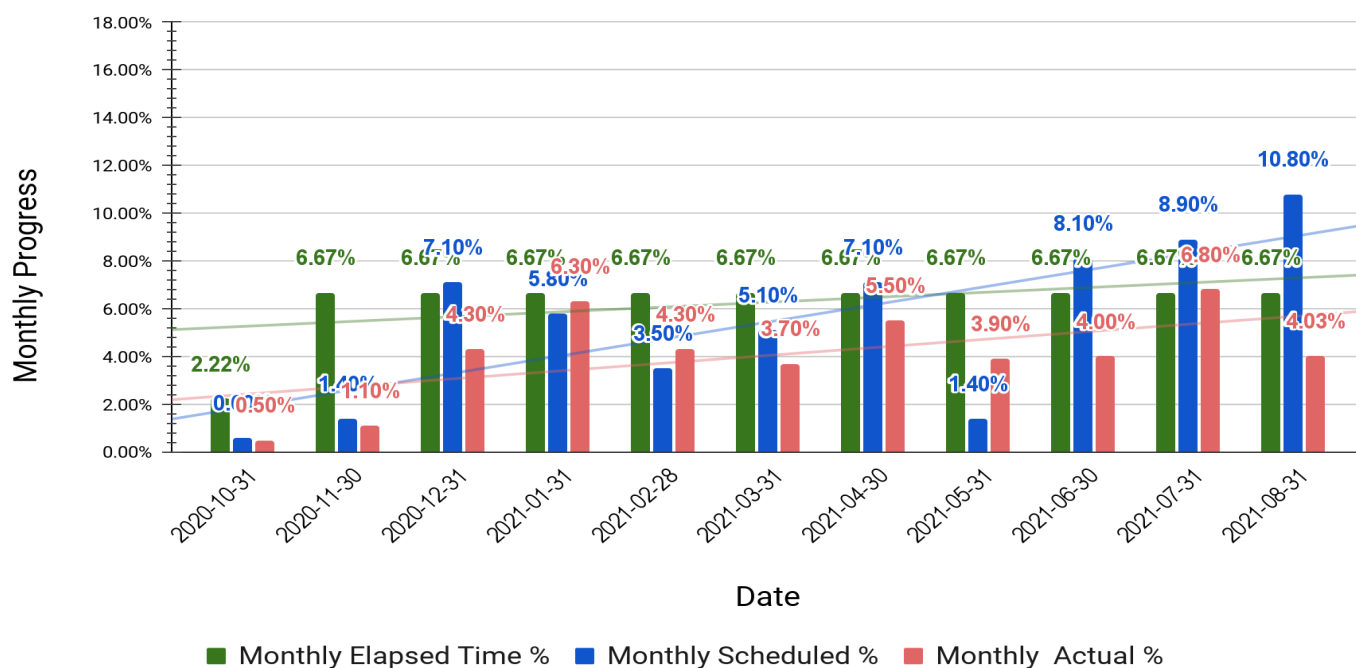
## PKG 2 Average For Three Sites Cumulative Progress



## 7.2 Hay Al Iskan Basic Mixed School – Jerash

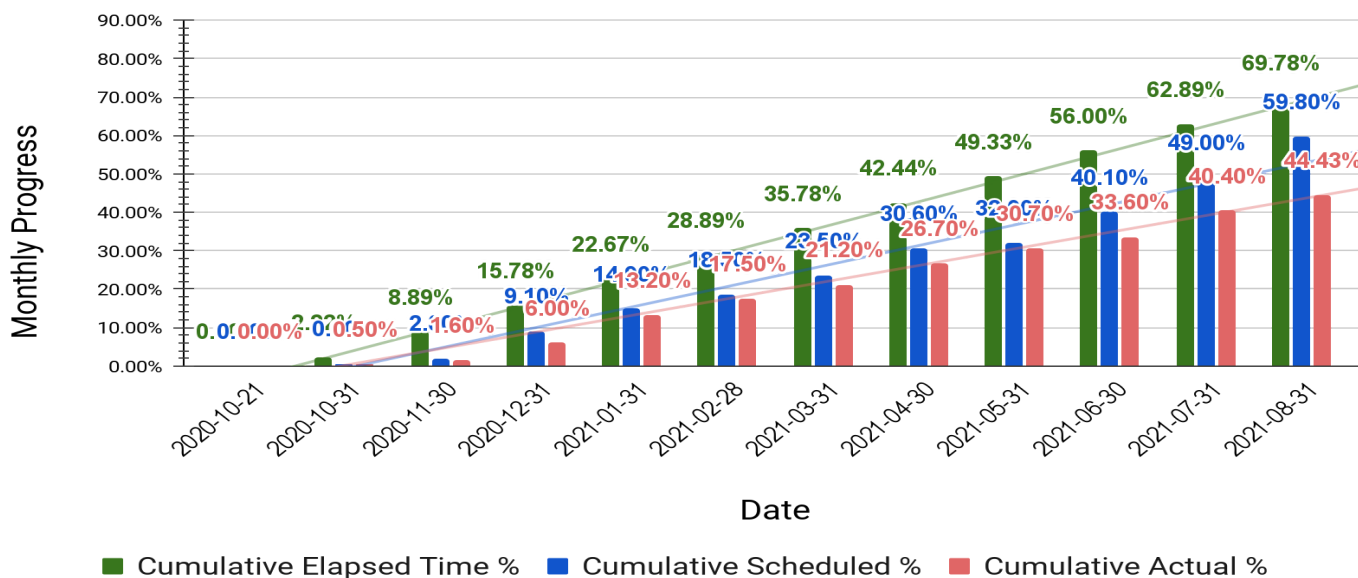
Hay Al Iskan Basic mixed - Jerash Monthly Progress			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-10-31	2.22%	0.60%	0.50%
2020-11-30	6.67%	1.40%	1.10%
2020-12-31	6.67%	7.10%	4.30%
2021-01-31	6.67%	5.80%	6.30%
2021-02-28	6.67%	3.50%	4.30%
2021-03-31	6.67%	5.10%	3.70%
2021-04-30	6.67%	7.10%	5.50%
2021-05-31	6.67%	1.40%	3.90%
2021-06-30	6.67%	8.10%	4.00%
2021-07-31	6.67%	8.90%	6.80%
2021-08-31	6.67%	10.80%	4.03%

### PKG 2 Hay Al Iskan Basic mixed - Jerash Monthly Progress



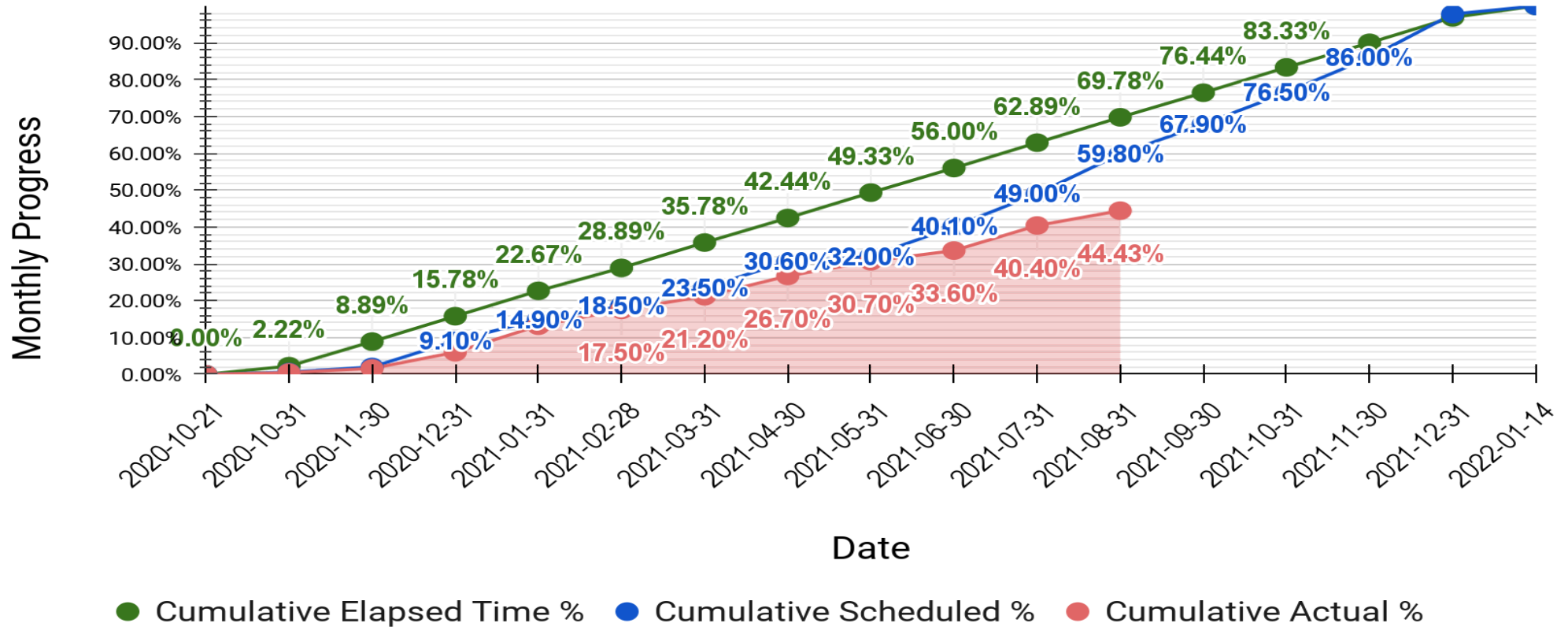
Hay Al Iskan Basic mixed - Jerash Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-10-21	0.00%	0.00%	0.00%
2020-10-31	2.22%	0.60%	0.50%
2020-11-30	8.89%	2.00%	1.60%
2020-12-31	15.78%	9.10%	6.00%
2021-01-31	22.67%	14.90%	13.20%
2021-02-28	28.89%	18.50%	17.50%
2021-03-31	35.78%	23.50%	21.20%
2021-04-30	42.44%	30.60%	26.70%
2021-05-31	49.33%	32.00%	30.70%
2021-06-30	56.00%	40.10%	33.60%
2021-07-31	62.89%	49.00%	40.40%
2021-08-31	69.78%	59.80%	44.43%

### PKG 2 Hay Al Iskan Basic mixed - Jerash Cumulative Progress



## PKG 2 Hay Al Iskan Basic mixed - Jerash

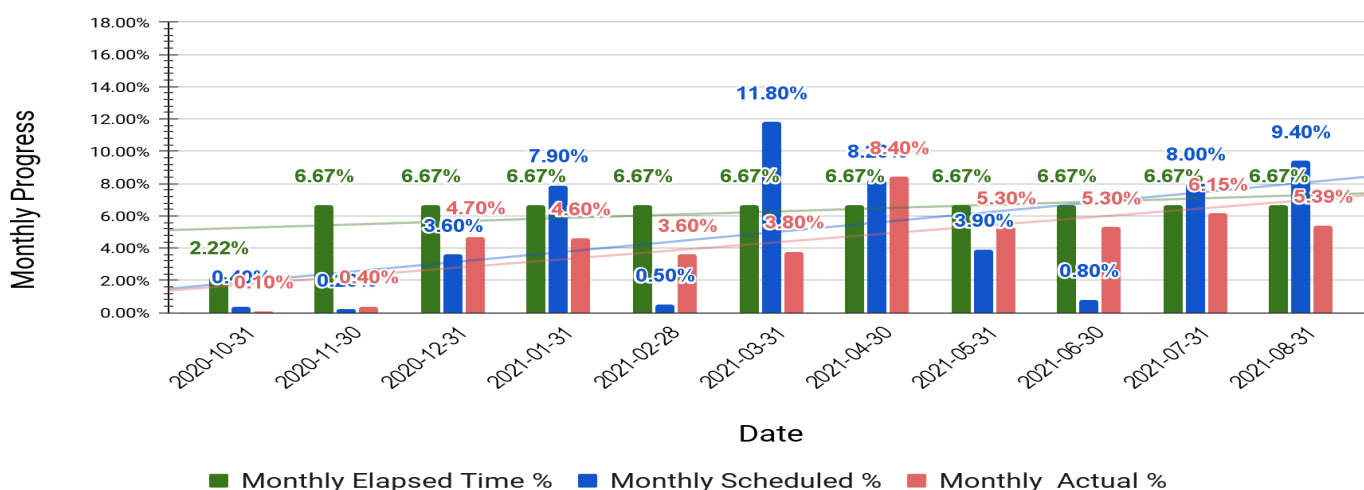
### Cumulative Progress



### 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%	0.40%	0.10%
2020-11-30	6.67%	0.20%	0.40%
2020-12-31	6.67%	3.60%	4.70%
2021-01-31	6.67%	7.90%	4.60%
2021-02-28	6.67%	0.50%	3.60%
2021-03-31	6.67%	11.80%	3.80%
2021-04-30	6.67%	8.20%	8.40%
2021-05-31	6.67%	3.90%	5.30%
2021-06-30	6.67%	0.80%	5.30%
2021-07-31	6.67%	8.00%	6.15%
2021-08-31	6.67%	9.40%	5.39%

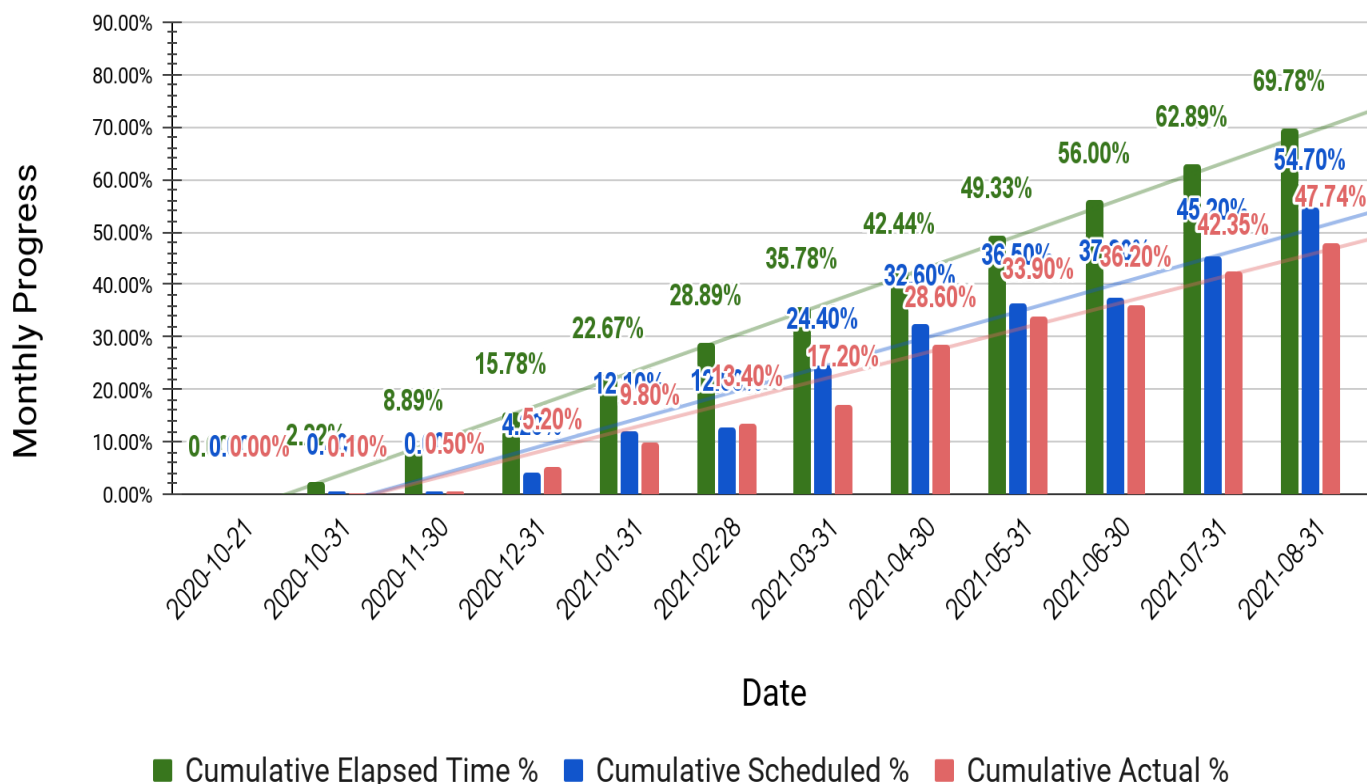
#### PKG 2 Thahr Al Sarow Basic Boys - Jerash Monthly Progress



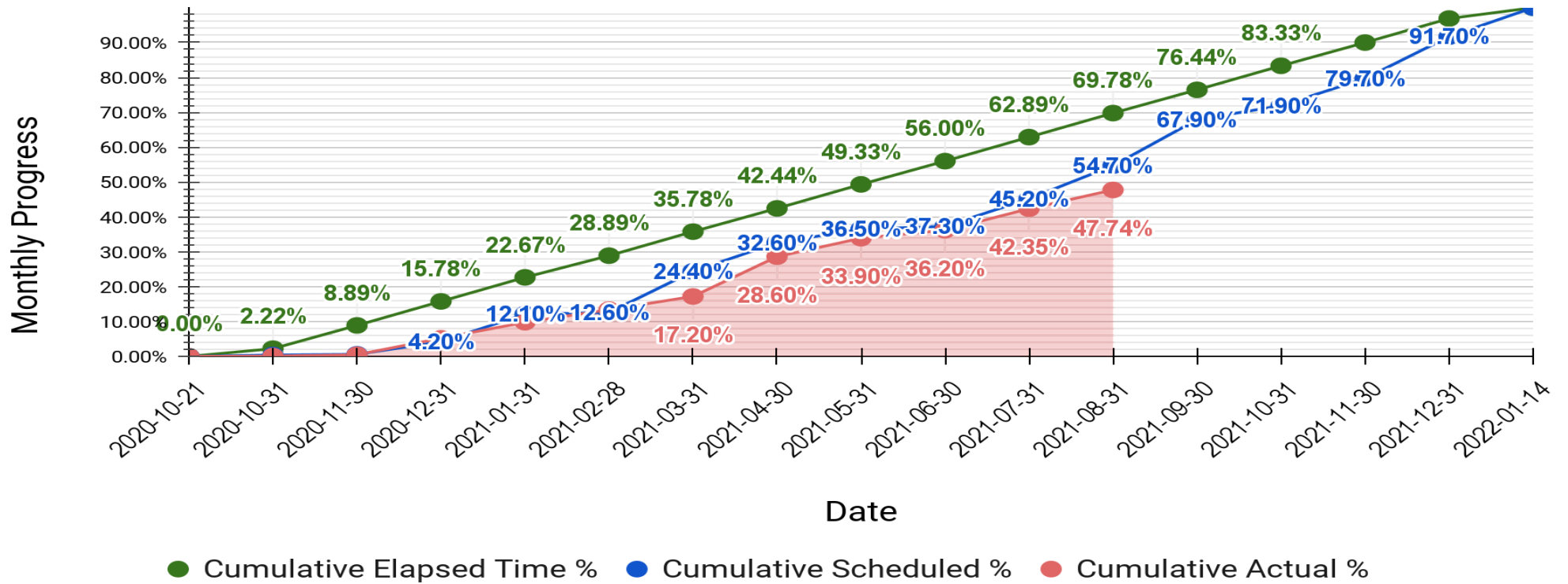


Thahr Al-Sarow Basic School for Boys- Jerash Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-10-21	0.00%	0.00%	0.00%
2020-10-31	2.22%	0.40%	0.10%
2020-11-30	8.89%	0.60%	0.50%
2020-12-31	15.78%	4.20%	5.20%
2021-01-31	22.67%	12.10%	9.80%
2021-02-28	28.89%	12.60%	13.40%
2021-03-31	35.78%	24.40%	17.20%
2021-04-30	42.44%	32.60%	28.60%
2021-05-31	49.33%	36.50%	33.90%
2021-06-30	56.00%	37.30%	36.20%
2021-07-31	62.89%	45.20%	42.35%

### PKG 2 Thahr Al Sarow Basic Boys - Jerash Cumulative Progress



## PKG 2 Thahr Al Sarow Basic Boys - Jerash Cumulative Progress

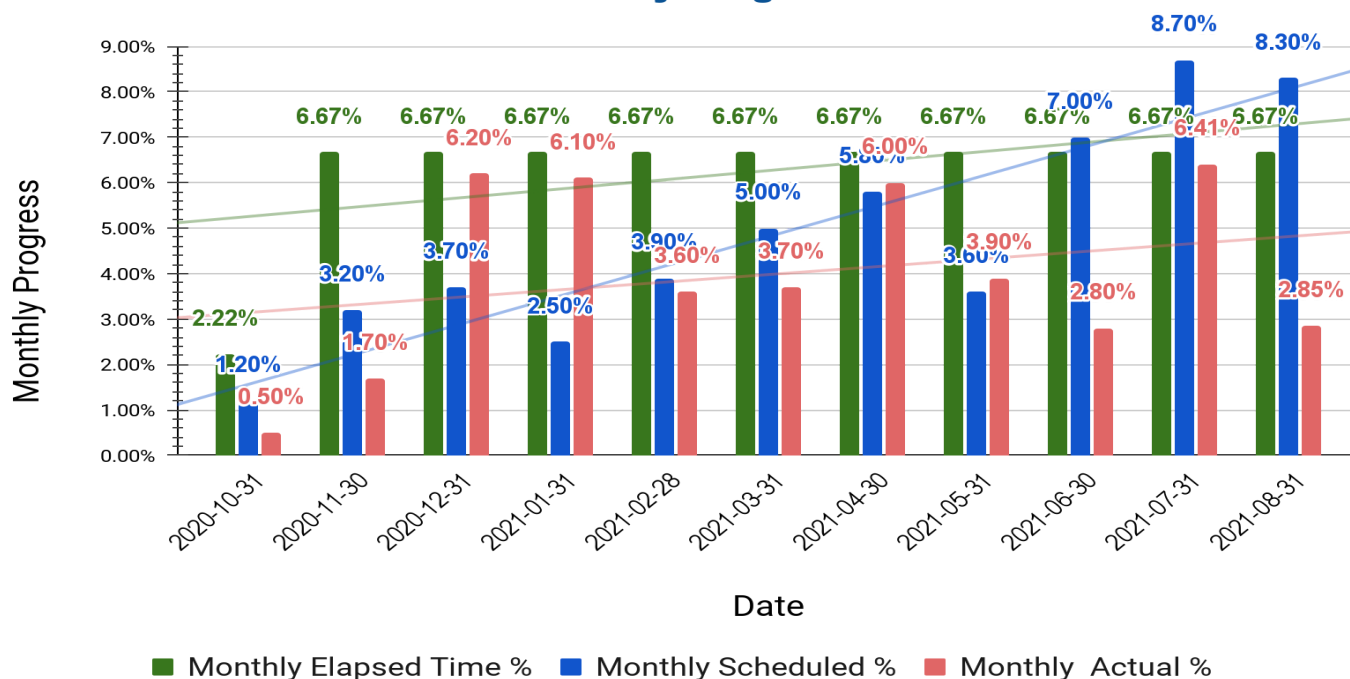


### 7.4 Jumana Bint Abi-Taleb Basic Mixed School- Amman

Jumana Bint Abi-Taleb Basic Mixed School- Amman Monthly Progress			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-10-31	2.22%	1.20%	0.50%
2020-11-30	6.67%	3.20%	1.70%
2020-12-31	6.67%	3.70%	6.20%
2021-01-31	6.67%	2.50%	6.10%
2021-02-28	6.67%	3.90%	3.60%
2021-03-31	6.67%	5.00%	3.70%
2021-04-30	6.67%	5.80%	6.00%
2021-05-31	6.67%	3.60%	3.90%
2021-06-30	6.67%	7.00%	2.80%
2021-07-31	6.67%	8.70%	6.41%
2021-08-31	6.67%	8.30%	2.85%

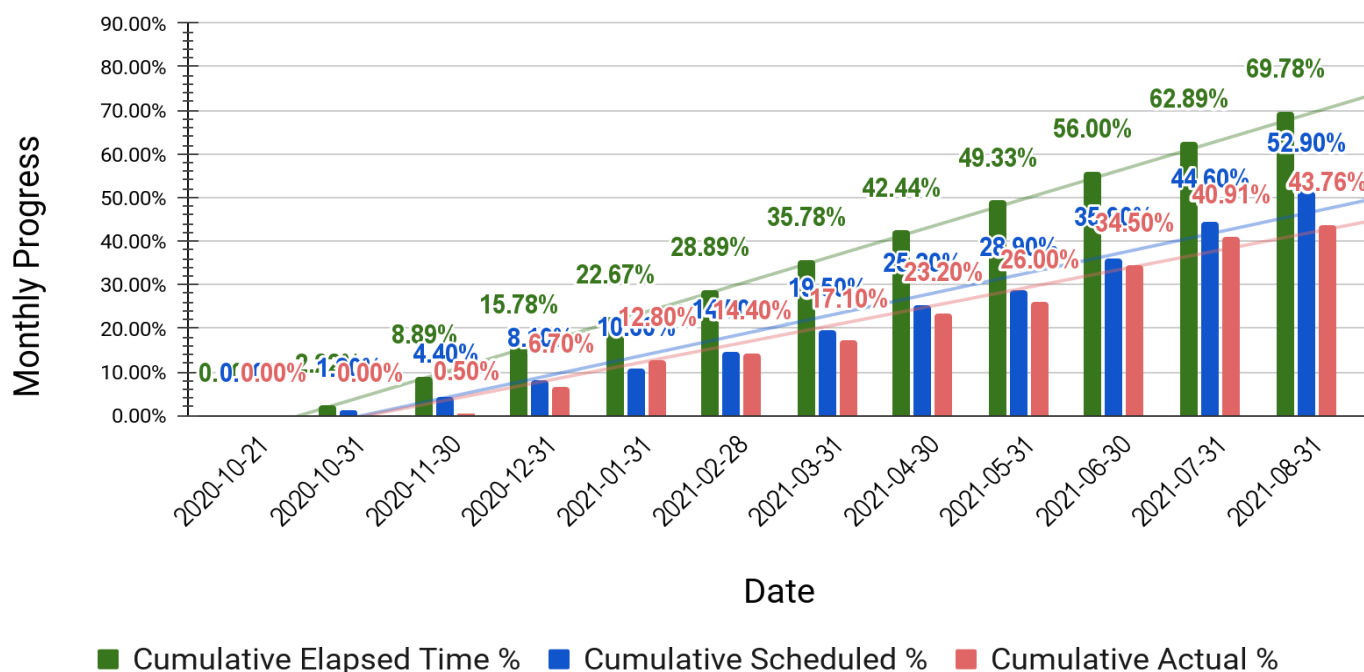
### PKG 2 Jumana Bint Abi Taleb Basic Mixed - Marka

#### Monthly Progress



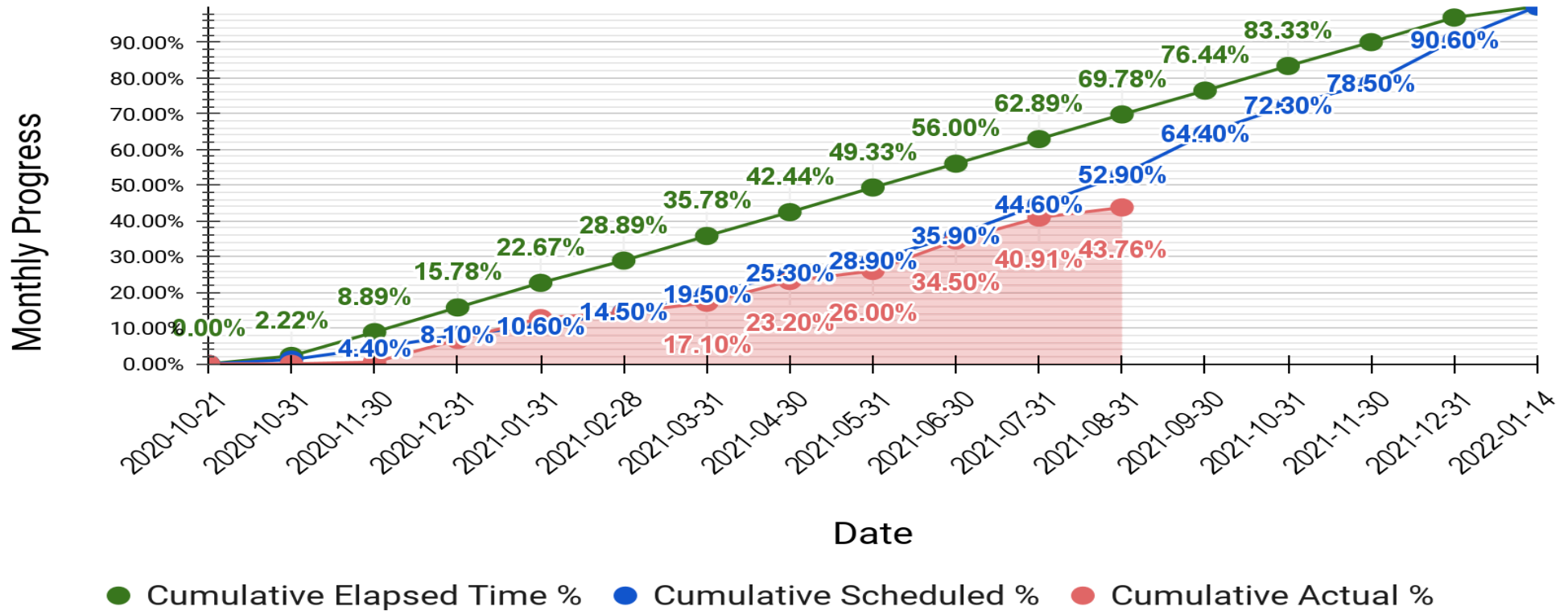
Jumana Bint Abi-Taleb Basic Mixed School- Amman Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-10-21	0.00%	0.00%	0.00%
2020-10-31	2.22%	1.20%	0.00%
2020-11-30	8.89%	4.40%	0.50%
2020-12-31	15.78%	8.10%	6.70%
2021-01-31	22.67%	10.60%	12.80%
2021-02-28	28.89%	14.50%	14.40%
2021-03-31	35.78%	19.50%	17.10%
2021-04-30	42.44%	25.30%	23.20%
2021-05-31	49.33%	28.90%	26.00%
2021-06-30	56.00%	35.90%	34.50%
2021-07-31	62.89%	44.60%	40.91%

## 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 %
2021-08-31	69.29%	55.80%	45.31%

The difference Between Scheduled and Actual is **-10.49%**

### 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 %
2021-08-31	69.78%	59.80%	44.43%

The difference Between Scheduled and Actual is **-15.37%**

### 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 %
2021-08-31	69.78%	54.70%	47.74%

The difference Between Scheduled and Actual is **-6.96%**

**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 %
2021-08-31	69.78%	52.90%	43.76%

**The difference Between Scheduled and Actual is -9.14%**

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.

## 7.6 Tracking Tasks in CPM

### A- Hay Al Iskan Basic Mixed School - Jerash:

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vSL1pF-2ppY6FDOdLBmhKOBnpqqhFZRbGdMtTjYzmXsvFS8h17FN2spHjFFtbQaSv7Xpm12kdSarcgN/pubhtml?gid=517196601&single=true>
- <https://docs.google.com/spreadsheets/d/e/2PACX-1vSL1pF-2ppY6FDOdLBmhKOBnpqqhFZRbGdMtTjYzmXsvFS8h17FN2spHjFFtbQaSv7Xpm12kdSarcgN/pubhtml?gid=435791778&single=true>

### B- Thahr Al Sarow Basic School for Boys - Balqa:

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vSL1pF-2ppY6FDOdLBmhKOBnpqqhFZRbGdMtTjYzmXsvFS8h17FN2spHjFFtbQaSv7Xpm12kdSarcgN/pubhtml?gid=1364154284&single=true>
- <https://docs.google.com/spreadsheets/d/e/2PACX-1vSL1pF-2ppY6FDOdLBmhKOBnpqqhFZRbGdMtTjYzmXsvFS8h17FN2spHjFFtbQaSv7Xpm12kdSarcgN/pubhtml?gid=1306769488&single=true>

### C- Jumana Bint Abi Taleb Basic Mixed School - Amman:

- <https://docs.google.com/spreadsheets/d/e/2PACX-1vSL1pF-2ppY6FDOdLBmhKOBnpqqhFZRbGdMtTjYzmXsvFS8h17FN2spHjFFtbQaSv7Xpm12kdSarcgN/pubhtml?gid=971892763&single=true>
- <https://docs.google.com/spreadsheets/d/e/2PACX-1vSL1pF-2ppY6FDOdLBmhKOBnpqqhFZRbGdMtTjYzmXsvFS8h17FN2spHjFFtbQaSv7Xpm12kdSarcgN/pubhtml?gid=1766247540&single=true>

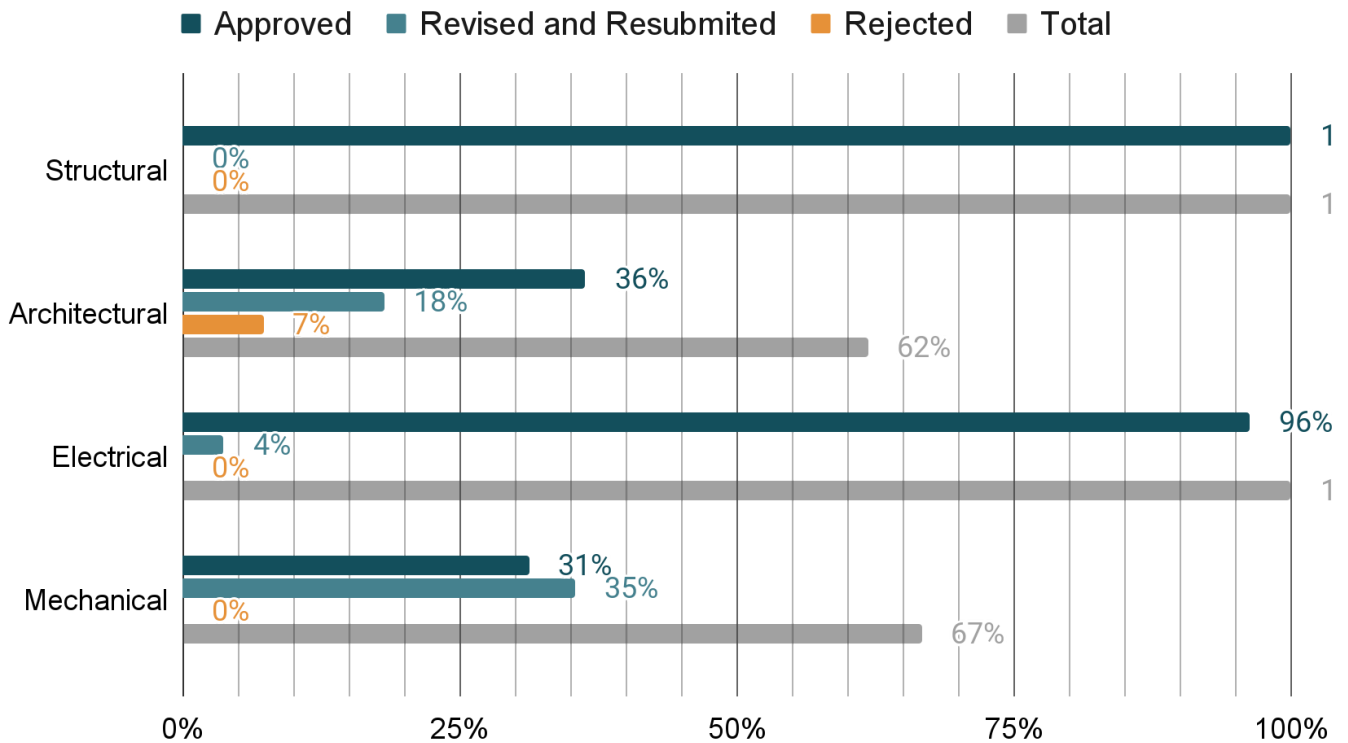


## 8 | Submitted Materials

### 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	20	100%	0%
Architectural	55	33	60%	40%
Electrical	27	27	100%	0%
Mechanical	48	32	67%	33%
PKG 1 Summary of Submitted Materials (No.)				
Item	Approved	Revised and Resubmitted	Rejected	Total
Structural	20	0	0	20
Architectural	18	12	3	33
Electrical	25	1	1	27
Mechanical	15	17	0	32
PKG 1 Summary of Submitted Materials (%)				
Item	Approved	Revised and Resubmitted	Rejected	Total
Structural	100%	0%	0%	100%
Architectural	33%	22%	5%	60%
Electrical	93%	4%	4%	100%

**PKG 2 Summary of Submitted Materials**



**8.2 Shop Drawings & Submittal Tracking LOG**

- [https://docs.google.com/spreadsheets/d/e/2PACX-1vSn\\_5S0RivrOJ4xJOL8GlljtKsmtPtGdQgo5rNRVWGEHa5kujPv3Oro-kidht6-9fwRNAGIOL50O171/pubhtml](https://docs.google.com/spreadsheets/d/e/2PACX-1vSn_5S0RivrOJ4xJOL8GlljtKsmtPtGdQgo5rNRVWGEHa5kujPv3Oro-kidht6-9fwRNAGIOL50O171/pubhtml)

**8.3 Materials Submittal Vendor List**

- [https://docs.google.com/spreadsheets/d/e/2PACX-1vQ6Ve38DNuiCy7o6LJFeuuCk31t92utdYDOjMaYEW8ITprX1aShtdWxIELjeGUvPgghnxNyx9\\_hqpxm/pubhtml](https://docs.google.com/spreadsheets/d/e/2PACX-1vQ6Ve38DNuiCy7o6LJFeuuCk31t92utdYDOjMaYEW8ITprX1aShtdWxIELjeGUvPgghnxNyx9_hqpxm/pubhtml)

## 9 | Correspondence Tracking Logs

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vThA02p9XG2\\_fh-XUT-zJoGhH58nAaUzxOjE8k4s0e7zT\\_zcrfl-MrTVN1ceq1TOOqyxpttk\\_JYwLUM/pubhtml](https://docs.google.com/spreadsheets/d/e/2PACX-1vThA02p9XG2_fh-XUT-zJoGhH58nAaUzxOjE8k4s0e7zT_zcrfl-MrTVN1ceq1TOOqyxpttk_JYwLUM/pubhtml)

## 10 | Non-conformance Report Tracking Log

### 10.1 HSE

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vTl5uAC2jC5htGl84JEXldMSoEG6KJWgKkMB1dDWE7VvX1TEkTNfrH6pfOfTRMtcxXLUOpALkV3eHpj/pubhtml?gid=0&single=true>

### 10.2 QCs

#### Hay Al Iskan Basic Mixed School- Jerash

- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178\\_1807f10908b047519122e3813f3c27cd.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178_1807f10908b047519122e3813f3c27cd.pdf)
- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178\\_07c4698c05c04073b2e0938edbd5dcbf.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178_07c4698c05c04073b2e0938edbd5dcbf.pdf)
- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178\\_06a4594cc4e04748a18575ddb2d8f82a.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178_06a4594cc4e04748a18575ddb2d8f82a.pdf)
- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178\\_9eafd88075f7417288edb3817a3e4746.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178_9eafd88075f7417288edb3817a3e4746.pdf)
- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178\\_8fcd35c7c6424910b328787b791d40bc.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178_8fcd35c7c6424910b328787b791d40bc.pdf)
- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180\\_84a170750f4d4c398a0b60e66cce9dff.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180_84a170750f4d4c398a0b60e66cce9dff.pdf)

- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180\\_10c3d6d0575b42c098496dcb0468e44b.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180_10c3d6d0575b42c098496dcb0468e44b.pdf)
- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180\\_75f01267783a4dd0bee5139487faca25.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180_75f01267783a4dd0bee5139487faca25.pdf)
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- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180\\_992295331ab948a384befa72eb3363c2.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180_992295331ab948a384befa72eb3363c2.pdf)
- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180\\_f7f96f7c7c2a42ff998f590a9f98272e.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180_f7f96f7c7c2a42ff998f590a9f98272e.pdf)

## Thahr Al Sarow Basic School for Boys- Jerash

- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178\\_8421931f3724460ca09965cf4d6d9115.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178_8421931f3724460ca09965cf4d6d9115.pdf)
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- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180\\_86c8e0590f484c3aae4881a8d17ba048.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180_86c8e0590f484c3aae4881a8d17ba048.pdf)
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## Jumana Bint Abi Taleb Basic Mixed School- Amman

- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178\\_bb8c0e1f43ee4391b5f5129428f6ab57.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178_bb8c0e1f43ee4391b5f5129428f6ab57.pdf)
- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178\\_6c89b62dfc12458e8bc2b6ff36d7567f.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178_6c89b62dfc12458e8bc2b6ff36d7567f.pdf)
- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178\\_2af7ede34fa242658247977cfd8eed00.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/c80178_2af7ede34fa242658247977cfd8eed00.pdf)
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- ❑ [https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180\\_af4ea1e6894b40cb82d707a495f0287a.pdf](https://b9686515-2954-4919-832c-2c36b1d1850f.filesusr.com/ugd/bed180_af4ea1e6894b40cb82d707a495f0287a.pdf)

### 10.3 NCRs

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vRCdhdyMg2w7aub85wSr2x5zVoAH\\_N-j5dXUIHAXnV2u\\_W\\_I6\\_KaM6lopck70ENfSGgppujJEOwkY8/pubhtml?gid=1457468755&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vRCdhdyMg2w7aub85wSr2x5zVoAH_N-j5dXUIHAXnV2u_W_I6_KaM6lopck70ENfSGgppujJEOwkY8/pubhtml?gid=1457468755&single=true)
- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vRCdhdyMg2w7aub85wSr2x5zVoAH\\_N-j5dXUIHAXnV2u\\_W\\_I6\\_KaM6lopck70ENfSGgppujJEOwkY8/pubhtml?gid=1351232002&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vRCdhdyMg2w7aub85wSr2x5zVoAH_N-j5dXUIHAXnV2u_W_I6_KaM6lopck70ENfSGgppujJEOwkY8/pubhtml?gid=1351232002&single=true)
- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vRCdhdyMg2w7aub85wSr2x5zVoAH\\_N-j5dXUIHAXnV2u\\_W\\_I6\\_KaM6lopck70ENfSGgppujJEOwkY8/pubhtml?gid=131850383&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vRCdhdyMg2w7aub85wSr2x5zVoAH_N-j5dXUIHAXnV2u_W_I6_KaM6lopck70ENfSGgppujJEOwkY8/pubhtml?gid=131850383&single=true)

## 11 | Request For Information Tracking Logs

### 11.1 RFIs-Designer

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vQ44Z\\_wi0r-X53Wewpby2Bv\\_SEunKd8awhsw7L6z1P3H3fUZsWphrOnQbi4sHW8V9hHFqQla584hLcd/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vQ44Z_wi0r-X53Wewpby2Bv_SEunKd8awhsw7L6z1P3H3fUZsWphrOnQbi4sHW8V9hHFqQla584hLcd/pubhtml?gid=0&single=true)

### 11.2 RFIs-Contractor

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vRR2r4PtW9SFaxk9uDdFwS\\_1bLMRpa4RP7ZuoYHLSFYnIKHVJ-hhtUyb9w7rPJ7gMWUSeLO4h81m\\_c/pubhtml?gid=0&single=true](https://docs.google.com/spreadsheets/d/e/2PACX-1vRR2r4PtW9SFaxk9uDdFwS_1bLMRpa4RP7ZuoYHLSFYnIKHVJ-hhtUyb9w7rPJ7gMWUSeLO4h81m_c/pubhtml?gid=0&single=true)

## 12 | Site problems and Solutions

### 12.1 Hay Al Iskan Basic Mixed School-Jerash

The designer provided a modified site plan including the new location of the water tank and a letter was sent to MPWH in this regard. We are still waiting for their response.

A meeting was held in the Jerash Governor office in order to discuss the applicability of reducing the planned deduction from 5m to 3m, the said meeting was in the presence of the representatives of Directorate of Education/Jerash, Directorate of public Works & Housing/Jerash, Greater Jerash Municipality, Medanat office and Dijlah team.

Upon the said meeting, MPWH sent a letter to MOL asking to provide them with the details and section of the subject street in order to address the Designer in this regard.

At the same time, the Directorate of Education/Jerash sent a letter to Greater Jerash Municipality for the same purpose.

A Greater Jerash Municipality surveyor provided us with the levels of the land where the regulatory street is planned to be executed, and the designer was contacted in this regard.

MOLA issued a letter to the Prime Ministry to announce the approval of Greater Jerash Municipality to deduct 3m along the construction site, in one of the local newspapers on 01/09/2021, the objection duration is 14 days.

**NOT SOLVED YET.**

### 12.2 Thahr Al Sarow Basic School for Boys-Jerash

1- The new coordinates of the plot limit were inspected by the Greater Jerash Municipality representative and accordingly were handed over to the Contractor.

2- The Bus stop skeleton is removed by the said Municipality representative.

3- A written declaration is provided by “Al Masar Contracting company” confirming that no data cables are passing through the new added area where the conflict existed.

4- An inspection was done by the Water authority/Jerash and it is expected that a cancelled water pipeline exists within the said area. Accordingly, the Contractor was requested to execute some pits before starting the excavations.

5- The Contractor started relocating the installed safety fence.

The Contractor is following the procedures of relocating the electrical poles.

SOLVED

### **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 10/12/2021, a letter was sent to MPWH including the additional concrete quantities resulting of this work and due to technical issues.



## 13 | Meetings and Site Visits

### 13.1 Coordination & Progress Meetings

Coordination & Progress Meetings				
No.	Date	Location	Parties	Agenda
1	31/08/2021	Al Khansa' Basic Mixed School- Al Balqa	<ul style="list-style-type: none"> <li>• MPWH</li> <li>• USAID</li> <li>• Trigon</li> <li>• Wahib Medanat</li> <li>• Dijlah Est. Const. Contr.</li> </ul>	<p><b>August Monthly Progress Meeting:</b></p> <ul style="list-style-type: none"> <li>• Health, Safety and Environment.</li> <li>• Site borders, boundary walls/ Obstacles.</li> <li>• Progress review in general.</li> <li>• Construction Schedule and Update- using the construction schedule, review and projection/ the Contractor.</li> <li>• Quality Control.</li> <li>• Status of submittals.</li> </ul>

## August Monthly Progress Meeting, August 31, 2021– Khadija Bint Khwailed Basic Mixed School- Al Shouna Al Janoubia

(Refer to 13.1 Coordination & Progress Meetings Table)

### Minutes of Meeting

#### Subject: Monthly Progress Meeting – SKEP III

**Location:** Al Khansa' Basic Mixed School- Ain Al Basha

**Date:** August 31, 2021

**Time:** 11:15 AM

**Present:**

1. Eng. Ola Nababteh, Engineer at IFP, MPWH
2. Eng. Duaa Othman , Engineer at IFP, MPWH
3. Eng. Tarek Rashdan, PMS, USAID
4. Eng. Osama Obaid, SCM, CMTO
5. Eng. Wahib Medanat, General Manager, Medanat
6. Eng. Suhair Amarin, Project Director, Medanat
7. Eng. Natheer Amarin, Project Manager, Medanat
8. Eng. Sawsan Al-Yousef, Resident Engineer- PK2, Medanat
9. Mr. Muhannad Abuirshaid, Deputy General Manager, Dijlah
10. Eng. Amer Abd Elghani, Project Manager, Dijlah



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consultant engineers  
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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 welcomed the attendees and gave an Introduction about the purpose of the meeting.

#### Training

- 1.1 Wahib gave a brief about training sessions conducted at the last month for the staff working in the project from both the Engineer & Contractor including fresh graduates, and talked about the subject of the sessions conducted and future training plans.
- 1.2 Wahib confirmed that the issue of the tracking sheet – evaluation of the progress- filled by site engineers is followed up and, showing tracking for each single task in the project showing actual vs planned start and finish dates.

#### Package 2

##### 1. Health, Safety and Environment

Wahib presented photos showing that COVID- 19 protective measures are implemented in full in the construction sites in addition to the HSE contract requirements.

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

- 2.1 Sawsan stated that all the pending issues resulted from the

## Minutes of Meeting

### Subject: Monthly Progress Meeting – SKEP III



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مهندسون استشاريون

modified plan at Thahr Al Sarow School are resolved, the only outstanding issue – the relocation of the existing electrical poles-shall be followed up intensively by Dijlah since the fees of an amount of 373 JD is paid by MoE to IDECO.

- 2.2 Concerning Hay Al Iskan, Sawsan stated that the suggestion to deduct 3m instead of 5m along is approved by the City Council followed by the approval of the District Council on Monday July 9, 2021. She added that this matter is followed up intensively with the MoLA representatives. A letter is sent from MoLA to Prime Ministry, the decision will be announced in the official newspaper of the Prime Ministry, and the objection duration is reduced to be 2 weeks instead of one month – based upon the Greater Jerash Municipality approval-

### 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 nos.1, 2, and 3.
- 3.3 CPM, a diagram showing the comparison between the accumulative actual progress (45.31 %) for the whole package which is much less than the planned percentage (55.80%). He informed that there is an obvious delay in the actual progress and Dijlah shall submit an action plan, Sawsan confirmed that letters are already sent to Dijlah informing that the progress is too slow and the work could not be completed in the due finish date, accordingly the Contractor was requested to submit revised baseline schedule and caution of action plan.
- Jumana School: actual monthly progress is 2.85 %; the planned percentage is 8.30 %. Actual accumulative progress is 43.76 %, the planned percentage 52.90 %.
  - Hay Al Iskan School: actual monthly progress is 4.03 %; the planned percentage is 10.80 %. Actual accumulative progress is 44.43 %, the planned percentage 59.80 %.
  - Thahr Al Sarow School: actual monthly progress is 5.39 %; the planned percentage is 9.40 %. Actual accumulative progress is 42.35 %, the planned percentage 45.20 %.
- 3.4 Variation Orders: Sawsan stated that there is no change on the status on the last presented log, and new columns for the

## Minutes of Meeting

### Subject: Monthly Progress Meeting – SKEP III

potential VO are added.

#### 4. Quality Control

Suhair thanked Dijlah for their quick response to the Engineer's instructions concerning quality issues.

#### 5. Submitted Materials

Wahib stated the total percentage of the submitted materials is 83% and as follows, for architectural 62 % (approved 38 %), mechanical 67 % (33 %) and electrical 100 % (85 %) and structural 100% (approved 96%). He also gave a brief of the submittals in numbers.

Wahib asked the Contractor to finalize the issue of the mechanical material submission, Muhannad asked to arrange for a meeting with the Designer in the presence of MPWH and USAID.

Eng. Osama & Eng. Tarek confirmed that this meeting is very important and asked Suhair to proceed with the Contractor suggestion. Tareq added he will personally follow up all the pending issues resulted from design issues.



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August Monthly Progress meeting- Al Khansa Basic Mixed School- Al Balqa



Eng. Wahib made a presentation on:

- Site staff training
- Health & Safety
- Package Time & Duration
- Contract & VOs
- Cash Flow
- Submitted Materials
- (Scheduled and actual) progress percentages

## 13.2 Site Visits

Site Visits				
No.	Date	Location	Parties	Agenda
-	-	-	-	-

### 13.3 Regular Monthly Site Visits (Home Office Support)

Regular Monthly Site Visits (Home Office Support)				
1	09/08/2021	Hai Al Iskan Basic Mixed School- Jerash	Engineer Rep.	<ul style="list-style-type: none"> <li>• The Consultant observed a minor defect in the verticality of one column and instructed the Contractor to rectify at the plastering stage with the follow up of the Consultant's site staff.</li> <li>• The Contractor is continuing in removing the defected stones to replace them with stones complying with the approved sample. Special zone at the site was identified to sort out the stones and discard the rejected stones. Stone building is still progressing.</li> <li>• The Consultant met with the Contractor in the site offices and advised him to submit workshop drawings for heating pipes under slab for Engineer review as MPWH approval is still under process. So the Engineer advised the Contractor to finish shop drawings as soon as possible to start work immediately after MPWH approval is received to save time.</li> <li>• Arch. Suhair explained to the Contractor the relation between the porcelain cladding, granite coping, window sill and the door jamb.</li> <li>• The Consultant observed prominence in one of the internal walls in the first floor-staircase entrance. The prominence came due to the drop beam there. The Contractor was requested to cast concrete strips adjacent to cancel the prominence.</li> <li>• The Consultant observed that the Contractor abided by the contract's requirement regarding the saw cut in the block wall for the MEP first fix.</li> <li>• Plastering beads are used for windows' edges.</li> <li>• The Consultant noticed that the window sills haven't been delivered to the site yet.</li> </ul>

2	09/08/2021	Thahr Al Sarow Basic School for Boys- Jerash	Engineer Rep.	<ul style="list-style-type: none"> <li>● The Contractor started working on the site in accordance with the modified site plans received from MPWH. The said plans consist of the following:                             <ul style="list-style-type: none"> <li>- Relocating the temporary fence adjacent to the encroaching street.</li> <li>- Relocating the Consultant's and Contractor's site offices.</li> <li>- Also the Contractor started with the excavation work for external underground water tank</li> <li>- The electrical company was called to remove the electrical poles according to the modified plans and JEPSCO. Is awaited.</li> </ul> </li> <li>● The Consultant reminded the Contractor that the window sills should have a slight slope to outside while should be straight between the jambs of the window.</li> <li>● The Consultant met with the Contractor in the site offices and advised him to submit workshop drawings for heating pipes under slab for Engineer review as MPWH approval is still under process. So the Engineer advised the Contractor to finish shop drawings as soon as possible to start work immediately after MPWH approval is received to save time.</li> <li>● Arch. Suhair explained to the Contractor the relation between the porcelain cladding, granite coping, window sill and the door jamb.</li> <li>● The Contractor is working in the electrical first fix at the infill strip area for the highest floor. Casting of the infill strip shall be allowed after the end of the (60 days) specified period in the contract, (the elapsed time after casting the two parts of the slab).</li> <li>● The Consultant observed that, at the door, window jambs, the end of the block wall is passing the end of the stone limit.</li> </ul>
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				<ul style="list-style-type: none"> <li>• The Contractor was requested to match the block wall with the stone end.</li> <li>• The Consultant stated that upon the feedback from the Designer, there will not be a future extension for floors, and accordingly no column necks are needed at the roof.</li> <li>• The Consultant observed that the Contractor abides by the contract's requirement regarding the saw cut in the block wall for the MEP first fix.</li> <li>• The Consultant observed that the Contractor discarded the rejected plastering beads of (3cm) and already delivered the approved beads of (5cm). The Contractor removed the rejected beads outside the site and signed with the Consultant a site memorandum indicating the removal of those beads.</li> <li>• The stone work in the school is acceptable in general.</li> <li>• Plastering: Guidance points not to be at the opening edges to avoid gaps between the concrete section and the block wall. The Contractor instructed us to remove those plastering guidance lines.</li> <li>• Plastering beads are used for windows' edges.</li> </ul>
3	21/08/2021	Jumana Bint Abi Taleb Basic Mixed School- Amman	Engineer Rep.	<ul style="list-style-type: none"> <li>• The delivered stones to the site and the built stones as well were checked and the Consultant stressed on the compliance of stones to the approved samples. Number of stones were observed at the main entrance to be not complying and the Contractor was requested to replace them.</li> <li>• The Consultant noticed that there is a shortage in the supplied stone quantities to the site and directed the Contractor to increase stone quantities.</li> <li>• The work in the mock-up rooms under construction was inspected and the following items in particular, door frames, radiators first fix and cisterns.</li> <li>• The relationship between stone and blockwork at window jambs and the Consultant stressed</li> </ul>

				<p>that both items should be at the same end.</p> <ul style="list-style-type: none"><li>• After the site tour, a meeting was held at the site offices to discuss a number of issues such as monthly payments, stone work and mock-up rooms. The Consultant stressed that he is concerned that the Contractor increased his progress and submitted his invoices with enough amount to enable him to continue his work and avoid stoppages.</li></ul>
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**Home Office Support, August 09, 2021– Hay Al Iskan Basic Mixed school- Jerash**

(Refer to 13.3 Site Visits Table)



**SKEP III Home Office Support Site Visit Report**

**WAHIB  
MEDANAT**  
consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	21-09082021
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	Mon. 09/08/2021
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	Omar Elayan	- Senior Civil Engineer	
3	Akram Khammes	- Head of Electrical Department	
4	Marwan Sonna'a	- Head of Mechanical Department	
5	Hasan Shaqboua	- Quality Control Manager	

Visit Notes

No.	Description
1	The Consultant observed a minor defect in the verticality of one column and instructed the Contractor to rectify at the plastering stage with the follow up of the Consultant's site staff.
2	The Contractor is continuing in removing the defected stones to replace them with stones complying with the approved sample. Special zone at the site was identified to sort out the stones and discard the rejected stones. Stone building is still progressing.



No.	Description
3	The Consultant met with the Contractor in the site offices and advised him to submit workshop drawings for heating pipes under slab for Engineer review as MPWH approval is still under process. So the Engineer advised the Contractor to finish shop drawings as soon as possible to start work immediately after MPWH approval is received to save time.
4	Arch. Suhair explained to the Contractor the relation between the porcelain cladding, granite copping, window sill and the door jamb.
5	The Consultant observed prominence in one of the internal walls in the first floor- staircase entrance. The prominence came due to the drop beam there. The Contractor was requested to cast concrete strip adjacent to cancel the prominence.
6	The Consultant observed that the Contractor abide by the contract's requirement regarding the saw cut in the block wall for the MEP first fix.
7	Plastering beads are used for windows' edges.
8	The Consultant noticed that the window sills haven't been delivered to the site yet.



SKEP III Home Office Support Site Visit Report

WAHIB  
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consultant engineers



Project ID  
Sign on  
Site



SKEP III Home Office Support Site Visit Report

WAHIB  
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consultant engineers



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



General view of the completed second floor casting (the last slab)



The Contractor is continuing in removing the defected stones to replace them with stones complying with the approved sample. Special zone at the site was identified to sort out the stones and discard the rejected stones. Stone building is still progressing



WAHIB  
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consultant engineers



Remarks have been observed on the built stone on the facades and a discussion was made

6





Plastering beads are used for windows' edges



The Consultant observed a minor defect in the verticality of one column and instructed the



The Consultant observed prominence in one of the internal walls in the first floor- staircase entrance. The prominence came due to the drop beam there. The Contractor was requested to cast concrete strip adjacent to cancel the prominence



SKEP III Home Office Support Site Visit Report

WAHIB  
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consultant engineers



Arch. Suhair explained to the Contractor the relation between the porcelain cladding, granite coping, window sill and the door jamb



Observing plastering work and remarks were given



The Consultant advised the Contractor to submit workshop drawings for heating pipes under slab for Engineer review as MPWH approval is still under process and discussing the false ceiling design ideas for corridors



The Consultant observed that the Contractor abide by the contract's requirement regarding the saw cut in the block wall for the MEP first fix



A tour inside the site was conducted



After the site visit a meeting was held in the site offices in the presence of Engineer's representatives and Contractor's representatives to discuss work progress, quality and safety issues

**Home Office Support, August 09, 2021– Thahr Al Sarow Basic School for Boys- Jerash**  
 (Refer to 13.3 Site Visits Table)



**SKEP III Home Office Support Site Visit Report**

**WAHIB  
MEDANAT**  
consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	22-09082021
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	Mon. 09/08/2021
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	Omar Elayan	-Senior Civil Engineer	
3	Akram Khammes	- Head of Electrical Department	
4	Marwan Sonna'a	-Head of Mechanical Department	
5	Hasan Shaqboua	-Quality Control Manager	

Visit Notes

No.	Description
1	The Contractor started work in the site in accordance to the modified site plans received from MPWH. The said plans consist of the following: - Relocating the temporary fence adjacent to the encroaching street. - Relocating the Consultant's and Contractor's site offices. Also the Contractor started with the excavation work for external underground water tank. The electrical company was called to remove the electrical poles according to the modified plans and JEPCO. Is awaited.
2	The Consultant reminded the Contractor that the window sills should have a slight slope to outside while should be straight between the jambs of the window.

**1**





No.	Description
4	The Consultant met with the Contractor in the site offices and advised him to submit workshop drawings for heating pipes under slab for Engineer review as MPWH approval is still under process. So the Engineer advised the Contractor to finish shop drawings as soon as possible to start work immediately after MPWH approval is received to save time.
5	Arch. Suhair explained to the Contractor the relation between the porcelain cladding, granite copping, window sill and the door jamb.
6	The Contractor is working in the electrical first fix at the infill strip area for the highest floor. Casting of the infill strip shall be allowed after the end of the (60 days) specified period in the contract, (the elapsed time after casting the two parts of the slab).
7	The Consultant observed that, at the door, window jambs, the end of block wall is passing the end of stone limit. The Contractor was requested to match the block wall with the stone end.
8	The Consultant stated that upon the feedback from the Designer, there will not be a future extension for floors, and accordingly no column necks are needed at roof.
9	The Consultant observed that the Contractor abides by the contract's requirement regarding the saw cut in the block wall for the MEP first fix.
10	The Consultant observed that the Contractor discarded the rejected plastering beads of (3cm) and already delivered the approved beads of (5cm). The Contractor removed the rejected beads outside the site and signed with the Consultant a site memorandum indicating the removal of those beads.
11	The stone work in the school is acceptable in general.
12	Plastering: Guidance points not to be at the opening edges to avoid gap between the concrete section and the block wall. The Contractor instructed to remove those plastering guidance lines.
13	Plastering beads are used for windows' edges



SKEP III Home Office Support Site Visit Report

WAHIB  
MEDANAT  
consultant engineers



Project ID  
Sign on Site



WAHIB  
MEDANAT  
consultant engineers



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



Complying with covid-19 protocol inside the building



General view of the completed third floor casting (the last slab)



-The Contractor started with the excavation work for external underground water tank



-Relocating the temporary fence adjacent to the encroaching street

In accordance to the modified site plans received from MPWH

Electrical company was called to remove electrical poles the according to the modified plans and JEPSCO. Is awaited



SKEP III Home Office Support Site Visit Report

WAHIB  
MEDANAT  
consultant engineers



Relocating  
the  
Consultant's  
and  
Contractor's  
site offices





SKEP III Home Office Support Site Visit Report

WAHIB  
MEDANAT  
consultant engineers



The Consultant reminded the Contractor that the window sills should have a slight slope to outside while should be straight between the jambs of the window.



Remarks have been observed on the built stone on the facades and a discussion was made





Eng. Natheer remarked that plastering guidance points not to be at the opening edges to avoid gap between the concrete section and the block wall. The Contractor instructed to remove those plastering guidance lines.




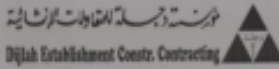



SKEP III Home Office Support Site Visit Report

WAHIB  
 MEDANAT  
 consultant engineers



The Consultant observed that the Contractor discarded the rejected plastering beads of (3cm) and already delivered the approved beads of (5cm). The Contractor removed the rejected beads outside the site and signed with the Consultant a site memorandum indicating the removal of those beads.

SKEP-3 Memo Form			
 			
Contractor	Dijlah Establishment Const. Contracting	Ref. NO.	24
Consultant	Wahib Medanat Consultant Engineers	Tender No.	10/2019/US AID/ SKEP/3/2
Site	THANR AL-SAROW BASIC SCHOOL FOR BOYS	DATE	09-08-2021
Subject	Removing Failed RSS reports for plaster Accessories ( corners and mesh)		

To Eng. Alaa Elmat  
 From Eng. Abd Elmalek Alhusban

Dear Engineer .

Kindly note that due to ( RSS ) report for plaster Accessories ( corners and mesh) dated 17-06-2021 , and your site memo dated (28-06-2021 ) to remove this material , all this failed quantity removed from our site as attached photos .

this for your information and if any further comments .

Regards ,

• Attachments 1 photos

• CC Eng. Amer Yousef

Consultant Representative  
 Eng. Alaa Elmat  
 9.8.2021

Contractor Representative  
 Eng. Abd Elmalek Alhusban  
 2021/8/9



The Consultant observed that the Contractor abides by the contract's requirement regarding the saw cut in the block wall for the MEP first fix



Installation of Concealed Cistern



The Contractor is working in the electrical first fix at the infill strip area for the highest floor. Casting of the infill strip shall be allowed after the end of the (60 days) specified period in the contract, (the elapsed time after casting the two parts of the slab)

The Consultant stated that upon the feedback from the Designer, there will not be a future extension for floors, and accordingly no column necks are needed at roof



SKEP III Home Office Support Site Visit Report

WAHIB  
MEDANAT  
consultant engineers



The Consultant advised the Contractor to submit workshop drawings for heating pipes under slab for Engineer review as MPWH approval is still under process and discussing the false ceiling design ideas for corridors





WAHIB  
MEDANAT  
consultant engineers



Plastering beads are used for windows' edges



Discussing connection between backing concrete behind stone and window jamb with the internal finishing



The Consultant observed that, at the door, window jambs, the end of block wall is passing the end of stone limit.

The Contractor was requested to match the block wall with the stone end

15



SKEP III Home Office Support Site Visit Report

WAHIB  
MEDANAT  
consultant engineers



A tour inside the site was conducted



After the site visit a meeting was held in the site offices in the presence of Engineer's representatives and Contractor's representatives to discuss work progress, quality and safety issues

**Home Office Support, August 21, 2021– Jumana Bint Abi Taleb Basic Mixed School- Amman**

(Refer to 13.3 Site Visits Table)

  **SKEP III Home Office Support Site Visit Report**

**WAHIB MEDANAT**  
 consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	23-210872021
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 Abit Taleb Basic Mixed School - Jerash	Day/ Date	Sat. 21/08/2021
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	Omar Elayan	-Senior Civil Engineer	
3	Akram Khammes	- Head of Electrical Department	
4	Marwan Sonna'a	-Head of Mechanical Department	
5	Hasan Shaqboua	-Quality Control Manager	

Visit Notes

No.	Description
1	The delivered stones to the site and the built stones as well were checked and the Consultant stressed on the compliance of stones to the approved samples. Number of stones were observed at the main entrance to be not complying and the Contractor was requested to replace them.
2	The Consultant noticed that there is a shortage in the supplied stone quantities to the site and directed the Contractor to increase stone quantities.
3	The work in the mock-up rooms under construction was inspected and the following items in particular, door frames, radiators first fix and cisterns.





No.	Description
3	At the ground floor, a group of electrical pipes were observed at one wall and fair face casted. This concrete should be chipped, installing a plaster mesh and continue work.
4	The relationship between stone and blockwork at window jambs and the Consultant stressed on that both items should be at the same end.
5	After the site tour, a meeting was held at the site offices to discuss number of issues such as monthly payments, stone work and mock-up rooms. The Consultant stressed that he is concerned that the Contractor increased his progress and submitted his invoices with enough amount to enable him to continue his work and avoiding stoppages.



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



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



General view of the completed roof floor casting (the last slab)

(Figure: 01)



Spraying water at the sand areas in the site for the purpose of dust control

(Figure: 02)



(Figure: 03)



The delivered stones to the site and the built stones as well were checked and the Consultant stressed on the compliance of stones to the approved samples



(Figure: 04)



Number of stones were observed at the main entrance to be not complying and the Contractor was requested to replace them in the presence of the stone supplier

(Figure: 05)



The quality of concrete work, block work and plastering is acceptable in general

(Figure: 06)



Checking the verticality of the plaster Bead

(Figure: 07)



Eng Natheer explaining the correct way to execute window jambs formwork

(Figure: 08)





work in the mock-up rooms was inspected including door frames, radiators first fix and cisterns

Eng. Natheer advised the Contractor on the right method of installation and stressed on following the architectural workshop drawing

(Figure: 09)



Installation of Concealed Cistern

(Figure: 10)



Plastering  
work  
curing

(Figure: 11)



First fix works  
for radiators  
(bottom-  
bottom)

(Figure: 12)



At the ground floor, a group of electrical pipes were observed at one wall and fair face casted. This concrete should be chipped, installing a plaster mesh and continue work

(Figure: 13)



A tour inside the site was conducted

(Figure: 14)



a meeting was held to discuss monthly payments, stone work and mock-up rooms. The Consultant expressed concerns towards the Contractor's work progress and stressed on the necessity of him submitting his invoices with enough amounts to be able to proceed with work and avoid stoppages

(Figure: 15)

## 14 | Manpower Logs

### 14.1 Hay Al Iskan Basic Mixed School – Jerash Progress

### 14.2 Thahr Al Sarow Basic School for Boys-Jerash

### 14.3 Jumana Bint Abi Taleb Basic Mixed School- Amman

- ❑ Manpower Link
- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vRZe3KIUHhSH7P2DnkTvZjbolG3SaWGVbnfU5CHWjeZqGsjkWTk5VZiRxml1EvIYt6p2mvQPGL\\_NO/pubhtml](https://docs.google.com/spreadsheets/d/e/2PACX-1vRZe3KIUHhSH7P2DnkTvZjbolG3SaWGVbnfU5CHWjeZqGsjkWTk5VZiRxml1EvIYt6p2mvQPGL_NO/pubhtml)

## 15 | Daily Plant and Equipment

### 15.1 Hay Al Iskan Basic Mixed School – Jerash Progress

### 15.2 Thahr Al-Sarow Basic School for Boys- Jerash

### 15.3 Jumana Bint Abi-Taleb Basic Mixed School- Amman

- ❑ Daily Plant and Equipment Link
- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vQAkIxi4PUpyota3NyGd1XTakf6BVAkUlKobe7feTuzMlGnPE0-fyrQJPAkxPYVZCG51zMnq3ymiii/pubhtml>

## 16 | Lab-test Results Tracking Log

### 16.1 Hay Al Iskan Basic Mixed School – Jerash

### 16.2 Thahr Al-Sarow Basic School for Boys- Jerash

### 16.3 Jumana Bint Abi-Taleb Basic Mixed School- Amman

- ❑ [https://docs.google.com/spreadsheets/d/e/2PACX-1vSwAu7FB3MM7ne47L1BoeUgRMyx-VBHspJX3iTIElko\\_mcUhm2Jm0OdXT9CqJcKrCZWlj65aZR3RDw3/pubhtml](https://docs.google.com/spreadsheets/d/e/2PACX-1vSwAu7FB3MM7ne47L1BoeUgRMyx-VBHspJX3iTIElko_mcUhm2Jm0OdXT9CqJcKrCZWlj65aZR3RDw3/pubhtml)

## 17 | Obstacles Log (Site Obstacles)

- ❑ <https://docs.google.com/spreadsheets/d/e/2PACX-1vRuRA8zWqvrAjK2DwFhYiScID0xENIqRNpkv47KrdgNqfuLbdI8ROY2GGIJatp1YVWEllzUhQG2peZo/pubhtml?gid=603369061&single=true>

### 17.1 Hay Al Iskan Basic Mixed School - Jerash

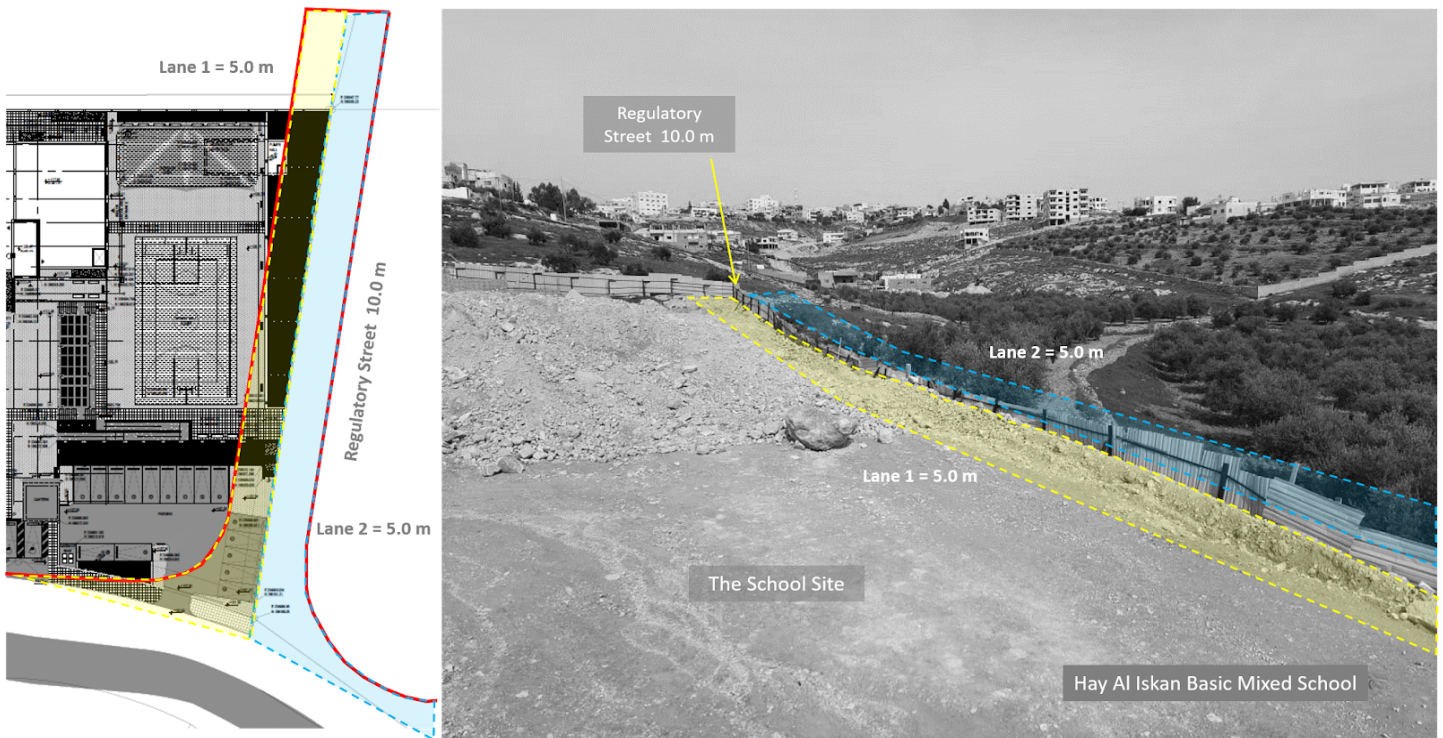


Figure 1. A regulatory (10.0 m) street is planned to be executed by deduction 5.0 m along the south western side, the other 5.0 m will be deducted from the neighbor's land.

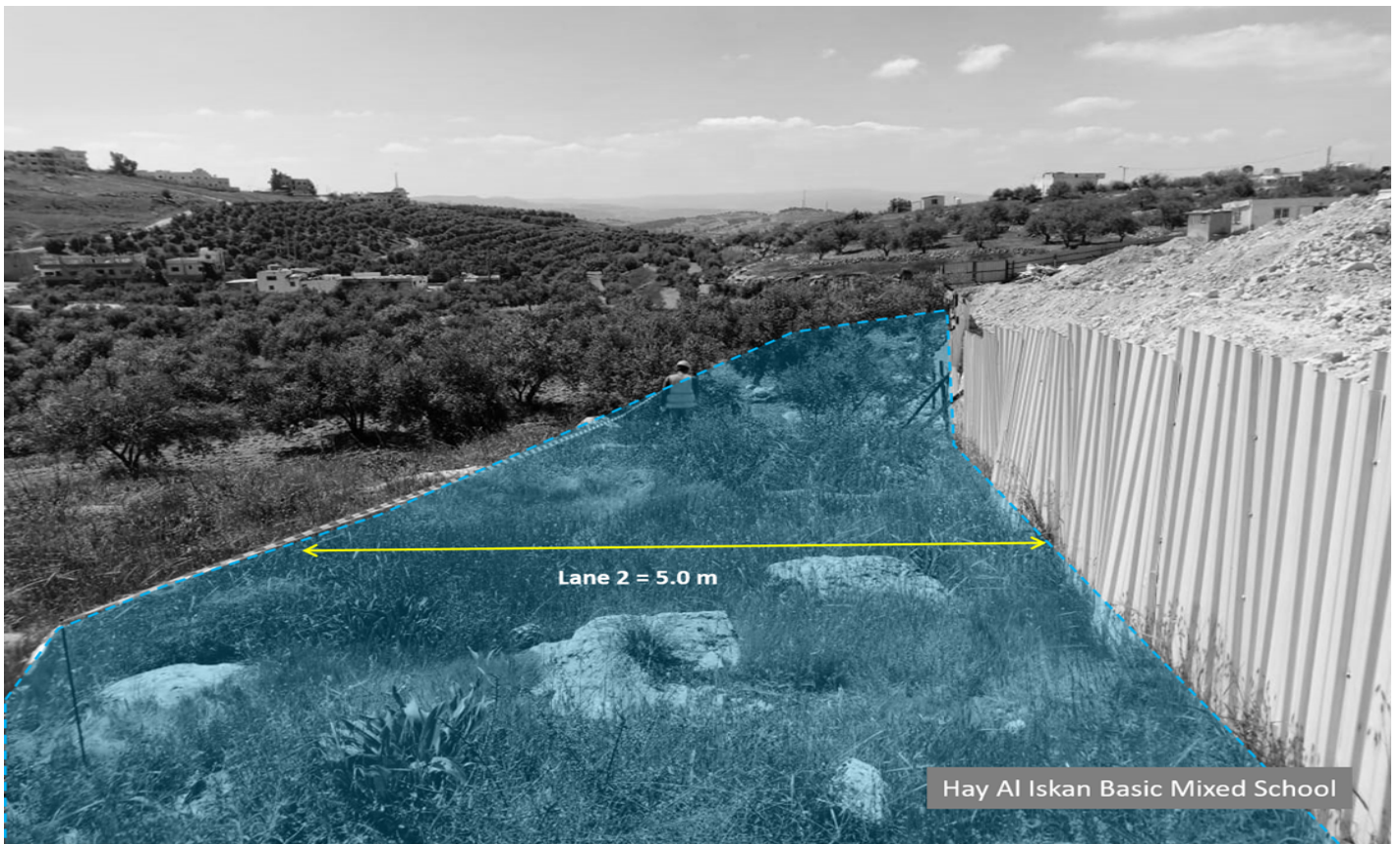


Figure 2. The 5.0 m encroachment on the neighbor's land



## 17.2 Thahr Al Sarow Basic School for Boys – Jerash SOLVED





Figure 3. Existing street encroaching on the site boundary

# SOLVED

## 18 | Selected Photos


### 18.1 Hay Al Iskan Basic Mixed School- Jerash

	<p>Plastering work at the second floor</p> <p>01/08/2021</p>
	<p>Stone cladding for the southern elevation</p> <p>11/08/2021</p>





Starting  
mechanical  
works at  
toilets-

20/08/2021

	<p>An Update of stone cladding for the southern elevation</p> <p>22/08/2021</p>
	<p>An Update of stone cladding for the southern elevation</p> <p>31/08/2021</p>

## 18.2 Thahr Al Sarow Basic School for Boys- Jerash

	<p>Plastering work first layer</p>
<p>01/08/2021</p>	
	<p>Excavation works for the underground water tank and the boundary wall as per the modified site plan</p>
<p>07/08/2021</p>	



Stone cladding at the eastern elevation

09/08/2021



Steel reinforcement for the water tank and the first part of the boundary wall as per the modified plan

21/08/2021



Stone  
Cladding at  
the southern  
elevation

22/08/2021



Casting  
concrete for  
the under  
ground water  
tank

31/08/2021




### 18.3 Jumana Bint Abi Taleb Basic Mixed School - Amman



Formwork for  
the theater  
slab

01/08/2021

	<p>Plastering curing</p>
	<p>14/08/2021</p>



steel reinforcement and formwork for the stiffener beam of the boundary wall adjacent to Al Mabarra

18/08/2021



General view  
of the project  
site

31/08/2021

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## 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](#)

## 20 | Website Reports Links

20.1 [Daily Reports](#)

20.2 [Weekly Reports](#)

20.3 [Monthly Reports](#)

20.4 [CMTO Inspection Reports](#)

20.5 [Quality Reports](#)

## 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:

### Training Sessions June 2021

1. Training Session

1.1. Tracking Tasks in CPM 19.06.2021



2. Training Session

2.1. Administrative training 13.06.2021



3. Training Session

3.1. Introduction to Structural Design 05.06.2021



For More Details:

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