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Schools for Knowledge Economy Project (SKEP III)

Funded by the United States Agency for International Development

Phase III/ Package (1)

1/2020/USAID/SKEP/3/1

- Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia
- Um-Aldananir Basic Mixed School- Al-Balqa
- Al Khansa' Basic Mixed School- Al-Balqa

Monthly Progress Report

No. (3)

February, 2021



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Monthly Progress Supervision Report

February 2021

List of Abbreviations

MOE	Ministry of Education
MPWH	Ministry of Public Works & Housing
USAID	United States Agency for International Development
SKEP	Schools for Knowledge Economy Project
JEA	Jordan Engineers Association

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Project Particulars

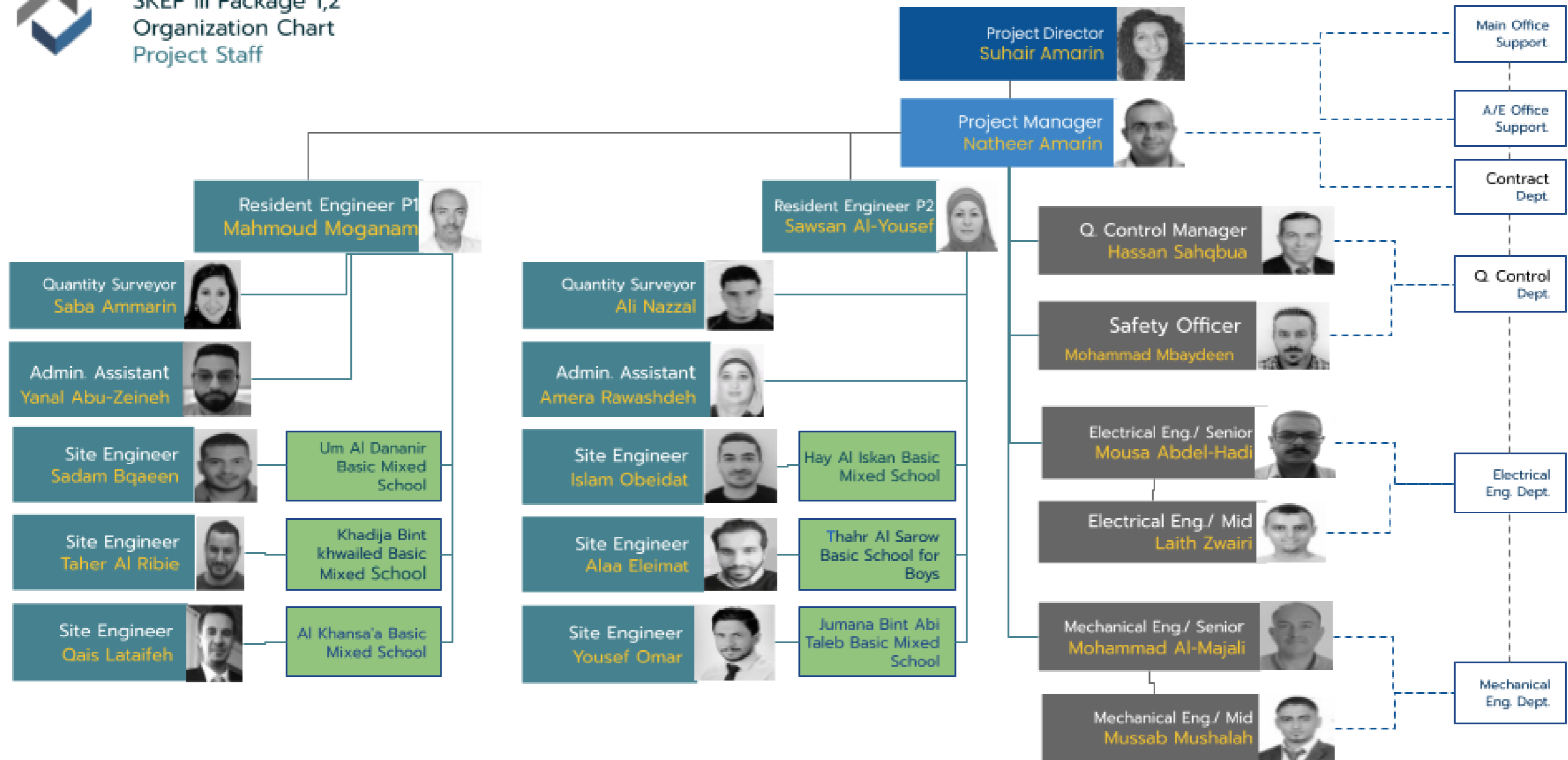
Contract Name:	School for Knowledge Economy Project (SKEP) Phase III – Package (1)
Owner:	Ministry of Education (MOE)
Funded By:	United States Agency for International Development (USAID)
Consultant:	Wahib Medanat Consultant Engineers
Project Management:	Trigon Associates
Contractor:	Derar Saraireh &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

Supervision Staff Members



SKEP III Package 1,2
Organization Chart
Project Staff



Executive Summary

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

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

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

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

1- Khadija Bint Khwailed Basic Mixed School

The project consists of school building of four floors with a total approximate built-up area of 5341.18 m², in addition guard house, sewage collection tank, water tank and other site works as deemed in the drawings and BOQ.

2- Um-Aldananir Basic Mixed School

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

3- Al Khansa' Basic Mixed School

The project consists of school building of five floors with a total approximate built-up area of 6432 m², in addition guard house, sewage collection tank, water tank and other site works as deemed in the drawings and BOQ.

Hereunder is a table showing the main progress information about the project:

No.	Object	Information
1.	Time Elapsed	72 Days out of 450 = 16.00% Since the Commencement Date of the Contractor is on 19 th December 2020.
2.	Contract Value (JOD)	9,789,417.840 JOD
3.	Payments	10 % - Mobilization Payment = 978,941.784 JOD
4.	Mobilization %	100 %
5.	Construction %	11.66 % (average for 3 schools)
6.	Guarantees	10 % Performance Guarantee= 978,941.784 JOD

(Table 1: main progress information)

Summary of Activities

- Khadija Bint Khwailed Basic Mixed School – Al-Shouna Al-Janobia
- Um-Aldananir Basic Mixed School- Balqa
- Al Khansa’ Basic Mixed School- Balqa

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

Item No.	Item Description	Qty	Unit
1.1a	Provide complete prefabricated temporary site offices for the Engineer	55	m2
1.1b	Provide furniture and equipment to the site offices	1	L.S
1.1c	Provide all services to site offices	17	month
1.1d	Provide steel fence of 2 m high around construction site	369.500	LM
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.
2	DIVISION2-SITE CONSTRUCTION		
2.1	SECTION 02240-Geotextile		
2.1.1	supply and install geotextile filters layers under agricultural soil and sand bits.	0	m2
2.3	SECTION 02300-Earthwork		
2.3.1a	General Excavation (Common Excavation) for building and external works	14334.1	m3
2.3.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	4884.4	m3
a.	blinding for foundation, footing, ground beams for school building, Guard house, canteen.	177.22	m3
3.2.3	Reinforced concrete grade 30 N/mm2		
a.	for foundation, footing, grade beams for school building, guard house, canteen	1417.55	m3
3.2.4	Reinforced concrete grade 35 N/mm2		
a.	for walls and columns under slab on grade	151.24	m3

3.5	SECTION 03200-CONCRETE REINFORCED		
3.5.1	supply, cut, fabricate and install steel bar reinforcement of 420 N/mm2		
a	for school building, guard house, canteen	189.937	TON
7.2.1	Supply and apply three perpendicular coats cold fluid		
a.	for buildings: to all structural elements below slab on grade	4338.47	m2
16.29	Lighting Protection System	0.2	L.S

Um-Aldananir Basic Mixed School- Balqa

Item No.	Item Description	Qty	Unit
1.1a	Provide complete prefabricated temporary site offices for the Engineer	120	m2
1.1b	Provide furniture and equipment to the site offices	1	L.S
1.1c	Provide all services to site offices	17	month
1.1d	Provide steel fence of 2 m high around construction site	257	LM
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.
2.1.1	DIVISION2-SITE CONSTRUCTION	-	-
2.1	SECTION 02222-Minor Demolition and Remodeling	1	LS
2.1.1	Existing Facilities	-	-
a.	Existing buildings	-	-
b.	Existing Boundary wall	-	-
c.	Existing Fence	-	-
d.	Any other items shown on drawings.	-	-
2.2	SECTION 02240-Geotextile	-	-
2.2.1	supply and install geotextile filters layers under agricultural soil and sand bits.	0	m2
2.3	SECTION 02300-Earthwork	-	-
2.3.1a	General Excavation (Common Excavation) for building and external works	2841.5	m3
2.3.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	6575.5	m3

3.2	SECTION 03300-CAST IN PLACE CONCRETE	-	-
3.2.1	plain concrete grade 15N/mm ²	-	-
a.	blinding for foundation, footing, ground beams for school building, Guard house, canteen.	218.12	m ³
3.2.3	Reinforced Concrete grade 30 N/mm ²	-	-
a.	for foundations, footings, ground beams for school building, guard house, canteen	654.4	m ³
3.5	Steel Reinforcement	-	-
3.5.1.a	supply, cut, fabricate and install steel bar for school building, guard house, canteen	156.9	TON
7.2.1	Supply and apply three perpendicular coats	-	-
a.	for buildings: to all structural elements below slab on grade	2216.8	m ²
16.28	Lighting Protection System	0.15	L.S

Al Khansa' Basic Mixed School- Balqa

Item No.	Item Description	Qty	Unit
1.1a	Provide complete prefabricated temporary site offices for the Engineer	55	m2
1.1b	Provide furniture and equipment to the site offices	1	L.S
1.1c	Provide all services to site offices	17	month
1.1d	Provide steel fence of 2 m high around construction site	490.000	LM
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.
2	DIVISION2-SITE CONSTRUCTION	-	-
2.1	SECTION 02240-Geotextile	-	-
2.1.1	supply and install geotextile filters layers under agricultural soil and sand bits.	0	m2
2.3	SECTION 02300-Earthwork	-	-
2.3.1a	General Excavation (Common Excavation) for building and external works	61174.4	m3
2.3.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	1668.76	m3
3.2.1.b	Blinding for boundary walls, underground water tank, sewage collection tank and site works.	111.528	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	702.184	m3
3.5.1	Steel Reinforcement	-	-
b.	for boundary walls	77.0146	ton
7.2.1	Supply and apply 4mm torch applied SBS modified bituminous water proofing membrane	-	-

Meetings and Site Visits Logs

Coordination and Progress Meetings

Coordination & Progress Meetings				
No.	Date	Location	Parties	Agenda
1	21/02/2021	Wahib Medanat Consultant Engineers Office	<ul style="list-style-type: none"> ▪ MPWH ▪ USAID ▪ CMTO ▪ UNOPS ▪ ESMP ▪ Mostaqbal ▪ Bitar Consultants ▪ Wahib Medanat ▪ Derar Saraireh & Contr. 	<p>Roll Out of Medanat SKEP III Website</p> <ul style="list-style-type: none"> ▪ Main points to be addressed by the Employer (MPWH) ▪ USAID CMTO address the Contractors USAID address to Contractors USAID points of emphasis. ▪ Project Description ▪ SKEP III Web Site ▪ Schedule Issues ▪ Quality Assurance/Non-Conformances. ▪ Contractual issues ▪ Health & Safety ▪ Reporting/Communications ▪ Project Completion and Handover ▪ Defects Liability Period
2	24/01/2021	Jumana Bint Abi Taleb Basic Mixed School-Marka	<ul style="list-style-type: none"> ▪ MPWH ▪ USAID ▪ TRIGON ▪ Wahib Medanat ▪ Derar Saraireh Eng & Contr. 	<p>Monthly progress Meeting</p> <ul style="list-style-type: none"> ▪ Project Description by RE. ▪ Health, Safety and Environment ▪ Site borders, boundary walls and soil investigation. ▪ Progress review in general. ▪ Construction Schedule and Update- Using the construction schedule, review and projection/ The Contractor. ▪ Quality control. ▪ Status of submittals

(Table 2: Coordination and Progress Meetings)

Site Visits

Site Visits				
No.	Date	Location	Parties	Agenda
—	—	—	—	—
Regular Monthly Sits Visits (Home Office Support)				
1	13/02/2021	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia	Engineer rep.	<ul style="list-style-type: none"> ▪ Follow up the execution of the footing waterproofing and backfilling material. ▪ Discussing the situation of existing boundary wall for neighbors and discussing designer reply on the RFI, a letter to be sent to Employer for instructions. ▪ Discussing the safety issues. ▪ The contractor was requested to speed up shop drawings and material submittals to avoid any delays.
2	13/02/2021	Al Khansa' Basic Mixed School- Balqa	Engineer rep.	<ul style="list-style-type: none"> ▪ Follow up the excavation works and the execution of the boundary walls. ▪ Discussing the issue of the final soil investigation results report and to follow up with the designer and the Geotechnical lab for the report and redesign if needed. ▪ Discussing how to expedite of the remaining retaining and boundary walls for safety purposes.

3	15/02/2021	Um-Aldananir Basic Mixed School- Balqa	Engineer rep.	<ul style="list-style-type: none"> ▪ Follow up the plot boundary for the school related with adjoining street and the conflict with school boundary and the residential building and a letter to be sent to the Employer, and follow up to get the final solution. ▪ Follow up the steel reinforcement fixing for raft foundations, and technical notes in that regard. ▪ Follow up the work progress
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(Table 3: Site Visits)

Correspondence Logs

Official Letters		
Number of Incoming Letters	Number of Outgoing Letters	Notes
94	77	--

(Table 4: Correspondence Logs)

Submittals Logs

Shop Drawing Log

Shop-Drawings				
Submittal	Arch.	Civil	Electrical	Mechanical
	No.	No.	No	No.
Total	2	66	48	51
Submitted this Month	2	66	10	39
Approved	-	14	1	-
Approved as Noted	-	35	-	9
Resubmit	2	9	8	23
Reject	-	7	1	6
Under Revision	-	1	-	1
Remaining	-	-	-	-

(Table 5: Submittals Log - Shop Drawings)

Materials Log

Material Submittals				
Submittal	Arch.	Civil	Electrical	Mechanical
	No.	No.	No.	No.
Total	8	33	18	74
Submitted this Month	8	16	10	39
Approved	2	9	1	-
Approved as Noted	4	7	-	9
Resubmit	-	-	8	23
Reject	2	-	1	6
Under Revision	-	-	-	1
Remaining	-	-	-	-

(Table 6: Submittals Log-Materials Log)

Lab-Test Results Log

Lab-Test Reports			
Number of Reports	School Name	Test Results %	
		Pass	Fail
9	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia	89%	11%
10	Um-Aldananir Basic Mixed School-Balqa	90%	10%
15	Al Khansa' Basic Mixed School-Balqa	94%	6%

(Table 7: Lab-Test Results Log)

Demolition Reports Log

Demolition Log			
No.	School Name	Location	Demolition Works Status
1	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia	Al-Shouna Al-Janobia	No Demolition Works is needed in this site
2	Um-Aldananir Basic Mixed School-Balqa	Balq'a	Demolition Work has been completed.
3	Al Khansa' Basic Mixed School-Balqa	Balq'a	No Demolition Works is needed in this site

(Table 8: Demolition Reports Log)

Grid 3*3 Inspection Report

Grid Inspection Report					
No.	Contractor	School Name	Inspected	Status	Date of Approval
1	Derar Saraireh & Sons for Engineering & Contracting	Khadija Bint Khwailed Basic Mixed School	Inspected	approved	20/12/2020
2		Um-Aldananir Basic Mixed School	Inspected	approved	28/12/2020
3		Al Khansa' Basic Mixed School	Inspected	approved	20/12/2020

(Table 9: Grid 3*3 Inspection Report)

Progress Table

Progress Table						
No	School Name	Project Duration (Days)	Time Elapsed (Days)	Completion %		
				Planned	Actual	Progress
1	Khadija Bint Khwailed Basic Mixed School	450 Days	72 Days	13.96%	12.00%	-1.96%
2	Um-Aldananir Basic Mixed School	450 Days	72 Days	13.96%	12.00%	-1.96%
3	Al Khansa' Basic Mixed School	450 Days	72 Days	13.96%	11.00%	-2.96%

(Table 10: Progress Table)

Selected Photos

- Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia
- Um-Aldananir Basic Mixed School- Balqa
- Al Khansa' Basic Mixed School- Balqa



Khadija
Bint
Khwailed
Basic
Mixed
School

03/02/2021



09/02/2021



21/02/2021



27/02/2021



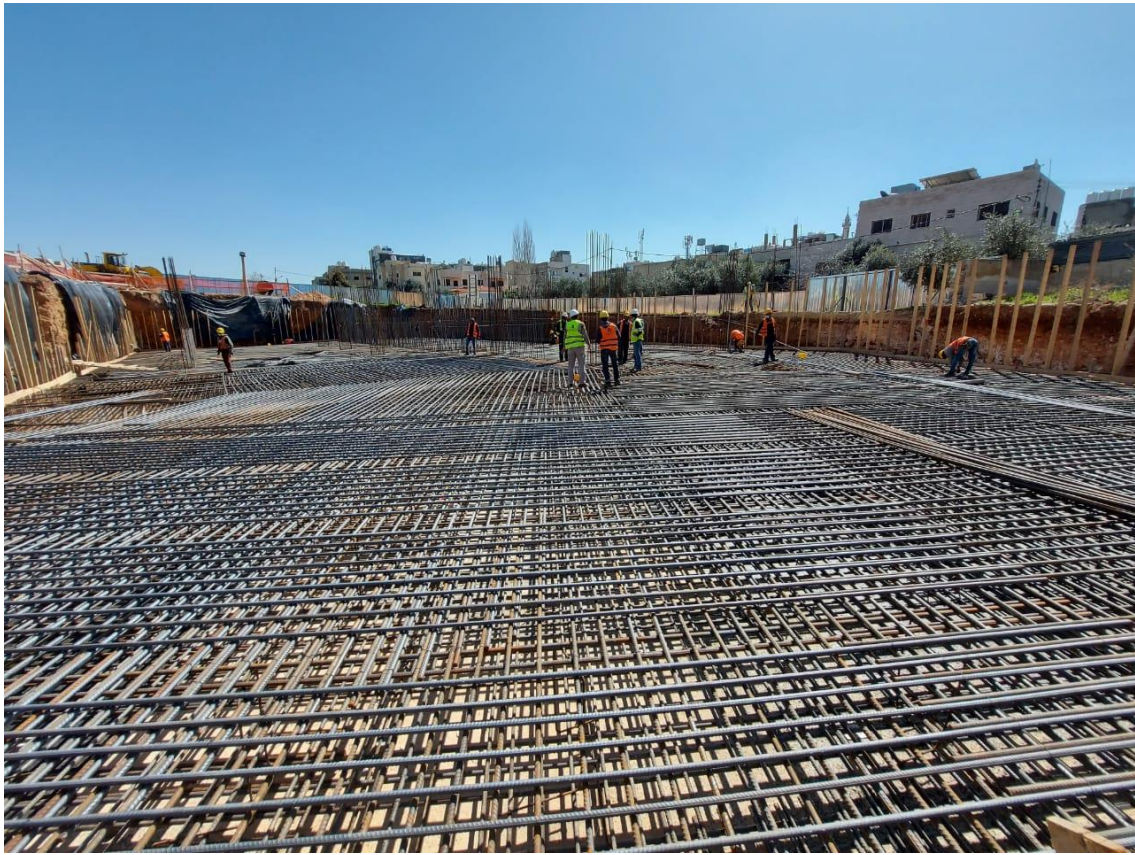
03/02/2021



16/02/2021



22/02/2021



27/02/2021



Al Khansa'
Basic Mixed
School

01/02/2021



22/02/2021



Boreholes excavation by the specialist's laboratory

23/02/2021



Main building excavation work continued in accordance to designer recommendation - original design drawings

27/02/2021

Site problems and Solutions

Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia:

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

Um-Aldananir Basic Mixed School- Balqa:

1- Eastern existing street is encroaching into our project land and this will affect the construction of the following:

- The eastern boundary wall
- The harvesting rain water tank.
- Transformer location

2- Residential building on the plot 416 is at our plot boundary.

Letters were sent to MPWH in this regard.

Al Khansa' Basic Mixed School- Balqa:

Soil investigation have been done and the report issued. The designer decided that there is no need for a re-design.

Annexes

- **Annex 1. Site Resources Log**

- 1.1 Daily Plant & Equipment Log
- 1.2 Daily Manpower Log
- 1.3 Percentage of Completion (Progress Charts)
- 1.4 Log of Activities (Completed & In-Progress)
- 1.5 Cash-Flow Chart

- **Annex 2. Correspondence Log**

- 2.1 Incoming Letters
- 2.2 Outgoing Letters

- **Annex 3. Submittals Log**

- 3.1 Architectural Submittals
 - 3.1.1 Arch. Shop Drawings
 - 3.1.2 Arch. Materials Submittal
- 3.2 Electrical Submittals
 - 3.2.1 Elect. Shop Drawings
 - 3.2.2 Elect. Materials Submittal
- 3.3 Mechanical Submittals
 - 3.3.1 Mech. Shop Drawings
 - 3.3.2 Mech. Materials Submittal
- 3.4 Civil Submittals
 - 3.4.1: Civil Shop Drawings
 - 3.4.2: Civil Materials Submittal

- **Annex 4. Site Visits Report & Meetings**

- 4.1 Meetings
- 4.2 Site Visits

- **Annex 5. RFI Tracking Log**

- 5.1 RFIs – Designer
- 5.2 RFIs – Contractor

- **Annex 6. Lab-Tests**

- 6.1 Tracking Log
- 6.2 Excerpts of Sampling & Testing

- Annex 7. Mobilization Tracking Log
- Annex 8. Non-Conformance Report Tracking Log
- Annex 9. Materials Submittals
 - 9.1 Architectural Submittals
 - 9.2 Electrical Submittals
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 - Summary of Submitted Materials
- Annex 10. Obstacles Log
- Annex 11. Links:
 - 11.1. Location Links
 - 11.2. Website Reports Links

Annex 1: Site Resources Logs

- 1.1 Daily Plant & Equipment Log
- 1.2 Daily Manpower Log
- 1.3 Percentage of Completion
- 1.4 Log of Activities
- 1.5 Cash-Flow (Charts)

Annex -1-

1.1 Daily Plant – Equipment Log

1.1 Daily Plant & Equipment Log

Wahib Medanat Consultant Engineers

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

DAILY PLANT & EQUIPMENT LOG																												
Feb. 2021																												
Equipment Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
loader	1	0	0	0		0	0	0	0	0	0		0	0	0	0	0			0	1	1	1	0	0		0	0
digger	0	0	0	0		0	0	0	1	1	1		1	1	0	0	0			0	0	0	0	0	0		0	0
bulldozer	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0			0	0	0	0	0	0		0	0
compressor	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0			0	0	0	0	0	0		0	0
Double drum mini roller	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0			0	0	0	0	0	0		0	0
Truck	0	0	0	0		0	0	0	2	2	2		2	2	0	0	0			0	0	0	0	0	0		0	0
plate compactor	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0			0	0	0	0	0	0		0	0
pick up	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Hydraulic rebar cutter bender	2	2	2	2		2	2	2	2	2	2		2	2	2	2	0			2	2	2	2	2	2		2	2
concrete vibrator	0	0	0	1		0	0	1	0	0	2		0	0	2	2	2			3	3	2	0	0	0		2	0
Bobcat	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Total	5	4	4	5		4	4	5	7	7	9		7	7	6	6	4			7	8	7	5	4	4		6	4

(Table 11: Daily Plant & Equipment Log (Khadija Bint Khwailed Basic Mixed School))

1.1 Daily Plant & Equipment Log

Wahib Medanat Consultant Engineers

Um-Aldananir Basic Mixed School- Balqa

DAILY PLANT & EQUIPMENT LOG																												
Feb. 2021																												
Equipment Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
loader	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
excavator	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0			0	0	0	0	0	0		0	0
generator	4	4	4	2		2	2	2	2	2	2		2	2	2	2	2			2	2	2	2	2	2		2	2
mobile crane	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
earth roller	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
truck	2	2	2	0		0	0	0	0	0	0		0	0	0	0	0			0	0	0	0	0	0		0	0
Bobcat	1	0	0	0		0	0	0	0	0	0		0	0	0	0	0			0	0	0	0	0	0		0	0
Compressor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
vibrator	0	0	0	0		0	0	0	0	0	4		0	0	0	0	0			0	0	0	0	0	0		0	0
pump(concrete)	0	0	0	0		0	0	0	0	0	0		0	0	1	0	0			0	0	0	0	0	0		0	0
Total	11	10	10	6		6	6	6	6	6	10		6	6	7	6	6			6	6	6	6	6	6		6	6

(Table 112: Daily Plant & Equipment Log (Um-Aldananir Basic Mixed School))

1.1 Daily Plant & Equipment Log

Wahib Medanat Consultant Engineers

Al Khansa' Basic Mixed School- Balqa

DAILY PLANT & EQUIPMENT LOG																												
Feb. 2021																												
Equipment Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Generator	3	3	3	3		3	3	3	3	3	3		3	3	3	3	3			3	3	3	3	3	3		3	3
Welding Machine	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2			2	2	2	2	2	2		2	2
Loader	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2			2	2	2	2	2	2		2	2
Compressor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Mucking truck	7	7	7	7		7	7	7	7	7	7		7	7	7	1	1			1	1	1	1	1	1		1	1
Excavator	4	4	4	4		4	4	4	4	4	4		4	4	4	1	1			1	1	1	1	1	1		1	1
Bulldozer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Compactor																												
Total	20	20	20	20		20	20	20	20	20	20		20	20	20	11	11			11	11	11	11	11	11		11	11

(Table 123: Daily Plant & Equipment Log (Al Khansa' Basic Mixed School))

Annex -1-

1.2 Daily Manpower Log

1.2 Daily Manpower Log

Wahib Medanat Consultant Engineers

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

Daily Manpower Log Feb. 2021																												
Staff Members	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
site engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
foreman engineer	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2			2	2	2	2	2	2		2	2
quantities survey	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
mechanical engineer	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2			2	2	2	2	2	2		2	2
safety engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
fresh engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Technical	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0			0	0	0	0	0	0		0	0
electrical engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
carpenter	8	8	8	5		5	8	8	8	8	8		8	8	8	4	2			5	10	10	10	8	10		10	8
workers	3	3	3	3		3	3	3	3	3	3		3	3	3	4	4			20	5	5	8	7	7		7	7
Tea boy	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Guard	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Driver	3	3	3	3		3	3	3	3	3	3		3	3	3	3	3			3	3	3	3	3	3		3	3
Surveyor	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2			2	2	2	2	2	2		2	2
steel fixer	20	20	20	8		8	8	8	8	8	8		8	8	8	2	0			5	10	10	10	8	8		8	8
electricity technician	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Total	48	48	48	33		33	36	36	36	36	36		36	36	36	27	23			47	42	42	45	40	42		42	40

Table 13: Daily Manpower Log (Khadija Bint Khwailed Basic Mixed School)

1.2 Daily Manpower Log

Wahib Medanat Consultant Engineers

Um-Aldananir Basic Mixed School- Balqa

Daily Manpower Log Feb. 2021																												
Staff Members	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
project manager	1	1	1	1		1	1	1	1	1	1		1	1	1	0	1	0		1	1	1	0	1	1		0	1
site engineer	1	1	0	0		0	0	0	0	0	0		1	1	1	1	1	0		1	1	1	1	1	1		1	1
quantity surveyor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1
safety engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1
safety officer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1
planning engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1
foreman	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	0		1	1	1	1	1	1		1	1
driver	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	0		2	2	2	2	2	2		2	2
laborer	15	6	6	6		5	5	5	5	5	5		4	4	4	4	4	0		4	4	4	4	4	6		6	6
skilled laborer	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	3	0	0	0		0	0
electrical engineer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1
electricians	0	0	0	0		0	0	0	0	0	0		0	2	2	2	1	0		2	2	2	2	2	2		2	2
mechanical engineer	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	0		2	2	2	2	2	2		2	2
mechanical tech	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0
plumber	3	2	3	3		3	3	3	3	3	3		3	3	3	3	1	0		3	3	3	3	3	3		3	3
surveyor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	0	1	1	1	1		1	1
steel fixer	0	15	15	15		14	14	14	14	14	10		10	6	6	8	0	0		8	8	8	8	9	8		8	8
store keeper	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	0		1	1	1	1	1	1		1	1
office boy	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	0		2	2	2	2	2	2		2	2
bricklayer	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0
carpenter	0	4	4	4		4	4	4	4	4	4		4	5	5	6	0	0		6	7	7	7	9	4		4	4
night guard	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
PAINTERS	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0
stee fabricator	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0
helper/assistance	0	0	0	0		0	0	0	0	0	8		0	7	7	7	0	0		7	7	7	7	5	6		6	6
draft man	0	0	0	0		0	0	0	0	0	0		1	1	1	1	1	0		1	0	1	1	1	1		1	1
Total	35	44	44	44		42	42	42	42	42	45		39	45	45	47	24	1		48	47	52	48	50	47		46	47

(Table 145: Daily Manpower Log (Um-Aldananir Basic Mixed School))

1.2 Daily Manpower Log

Wahib Medanat Consultant Engineers

Al Khansa' Basic Mixed School- Balqa

Daily Manpower Log Feb. 2021																												
Staff Members	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Site Manager	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Site Engineer	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2			2	2	2	2	2	2		2	2
Quantity Surveyor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Surveyor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Supervisor	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
Safety officer	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1			1	1	1	1	1	1		1	1
labor	5	5	5	5		5	5	5	5	5	5		5	5	5	8	8			8	8	5	5	5	5		5	5
Carpenter	5	5	5	5		5	5	5	5	5	5		5	5	5	0	0			0	0	5	5	5	5		5	5
Steel Fixer	10	10	10	10		10	10	10	10	10	10		10	10	10	0	0			0	0	10	10	10	10		10	10
Total	27	27	27	27		27	27	27	27	27	27		27	27	27	15	15			15	15	27	27	27	27		27	27

(Table.16: Daily Manpower Log (Al Khansa' Basic Mixed School))

Annex -1-

1.3 Percentage of Completion

1.3 Percentage of Completion

Wahib Medanat Consultant Engineers

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

SKEP III Progress							
Consultant	wahib medanat counsultant engineers			Rep No.	S3P1		
Contractor	Derar Saraireh & Sons for Engineering &			Tender No	1/2020/USAID/SKEP/3/1		
Site	Khadija Bint Khwailed Basic Mixed -			Package	Package 1		
Day & Date	Sunday	28	February	2021			
Date	Monthly Elapsed Time%	Monthly Scheduled %	Monthly Actual%	Comulative Elapsed Time%	Cumulative Scheduled %	Cumulative Actual %	Notes
12/31/2020	2.53%	2.39%	1.88%	2.53%	2.81%	1.88%	
1/31/2021	7.13%	2.27%	1.87%	9.66%	4.66%	3.75%	
2/28/2021	6.44%	9.30%	8.25%	16.09%	13.96%	12.00%	
3/31/2021	7.13%	10.30%		23.22%	24.26%		
4/30/2021	6.90%	3.96%		30.11%	28.22%		
5/31/2021	7.13%	4.15%		37.24%	32.37%		
6/30/2021	6.90%	5.14%		44.14%	37.51%		
7/31/2021	7.13%	10.11%		51.26%	47.62%		
8/31/2021	7.13%	10.25%		58.39%	57.87%		
9/30/2021	6.90%	11.64%		65.29%	69.51%		
10/31/2021	7.13%	10.93%		72.41%	80.44%		
11/30/2021	6.90%	7.36%		79.31%	87.80%		
12/31/2021	7.13%	6.51%		86.44%	94.31%		
1/31/2022	7.13%	4.98%		93.56%	99.29%		
2/28/2022	6.44%	0.71%		100.00%	100.00%		

(Table 15: Percentage of Completion- Khadija Bint Khwailed Basic Mixed School)

1.3 Percentage of Completion

Wahib Medanat Consultant Engineers

Um-Aldananir Basic Mixed School- Balqa

SKEP III Progress							
Consultant	wahib medanat consultant engineers			Rep No.	S3P1		
Contractor	Derar Saraireh & Sons for Engineering			Tender No	1/2020/USAID/SKEP/3/		
Site	Um Al Dananir Basic Mixed - Balqa			Package	Package 1		
Day & Date	Sunday	28	February	2021			
Date	Monthly Elapsed Time%	Monthly Scheduled %	Monthly Actual%	Comulative Elapsed Time%	Cumulative Scheduled %	Cumulative Actual %	Notes
12/31/2020	2.53%	2.39%	1.16%	2.53%	2.81%	1.16%	
1/31/2021	7.13%	2.27%	0.63%	9.66%	4.66%	1.79%	
2/28/2021	6.44%	9.30%	10.21%	16.09%	13.96%	12.00%	
3/31/2021	7.13%	10.30%		23.22%	24.26%		
4/30/2021	6.90%	3.96%		30.11%	28.22%		
5/31/2021	7.13%	4.15%		37.24%	32.37%		
6/30/2021	6.90%	5.14%		44.14%	37.51%		
7/31/2021	7.13%	10.11%		51.26%	47.62%		
8/31/2021	7.13%	10.25%		58.39%	57.87%		
9/30/2021	6.90%	11.64%		65.29%	69.51%		
10/31/2021	7.13%	10.93%		72.41%	80.44%		
11/30/2021	6.90%	7.36%		79.31%	87.80%		
12/31/2021	7.13%	6.51%		86.44%	94.31%		
1/31/2022	7.13%	4.98%		93.56%	99.29%		
2/28/2022	6.44%	0.71%		100.00%	100.00%		

(Table 16: Percentage of Completion- Um-Aldananir Basic Mixed School)

1.3 Percentage of Completion

Wahib Medanat Consultant Engineers

Al Khansa' Basic Mixed School- Balqa

SKEP III Progress							
Consultant	wahib medanat counsultant engineers			Rep No.	S3P1		
Contractor	Derar Saraireh & Sons for Engineering &			Tender No	1/2020/USAID/SKEP/3/1		
Site	Al Khansa'a Basic Mixed - Balqa			Package	Package 1		
Day & Date	Sunday	28	February	2021			
Date	Monthly Elapsed Time%	Monthly Scheduled %	Monthly Actual%	Comulative Elapsed Time%	Cumulative Scheduled %	Cumulative Actual %	Notes
12/31/2020	2.53%	2.39%	0.97%	2.53%	2.81%	0.97%	
1/31/2021	7.13%	2.27%	3.93%	9.66%	4.66%	4.90%	
2/28/2021	6.44%	9.30%	6.10%	16.09%	13.96%	11.00%	
3/31/2021	7.13%	10.30%		23.22%	24.26%		
4/30/2021	6.90%	3.96%		30.11%	28.22%		
5/31/2021	7.13%	4.15%		37.24%	32.37%		
6/30/2021	6.90%	5.14%		44.14%	37.51%		
7/31/2021	7.13%	10.11%		51.26%	47.62%		
8/31/2021	7.13%	10.25%		58.39%	57.87%		
9/30/2021	6.90%	11.64%		65.29%	69.51%		
10/31/2021	7.13%	10.93%		72.41%	80.44%		
11/30/2021	6.90%	7.36%		79.31%	87.80%		
12/31/2021	7.13%	6.51%		86.44%	94.31%		
1/31/2022	7.13%	4.98%		93.56%	99.29%		
2/28/2022	6.44%	0.71%		100.00%	100.00%		

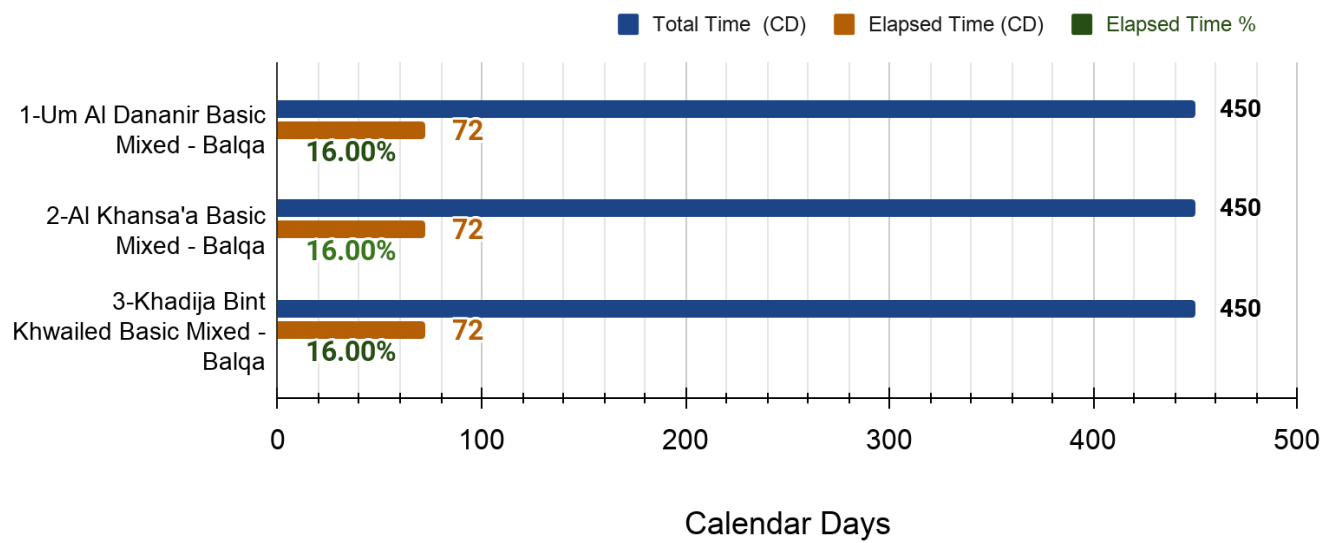
(Table 19: Percentage of Completion- Al Khansa' Basic Mixed School)

Project Time and Duration

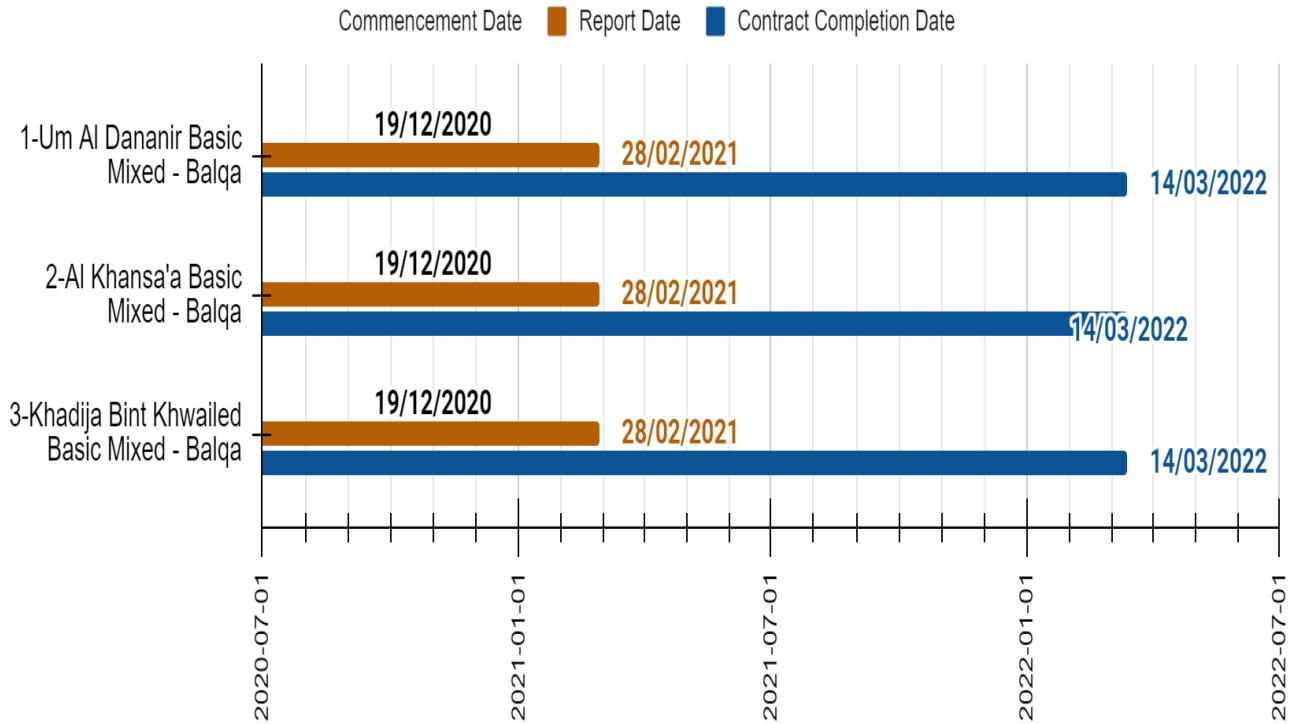
Wahib Medanat Consultant Engineers

PGK 1 Report Date	28-02-2021				
Site Name	Contract Duration (CD)	Time Extension (CD)	Total Time (CD)	Elapsed Time (CD)	Elapsed Time %
1-Um Al Dananir Basic Mixed - Balqa	450	0	450	71	15.78%
2-Al Khansa'a Basic Mixed - Balqa	450	0	450	71	15.78%
3-Khadija Bint Khwailed Basic Mixed - Balqa	450	0	450	71	15.78%

SKEP III PKG 1 Time Chart



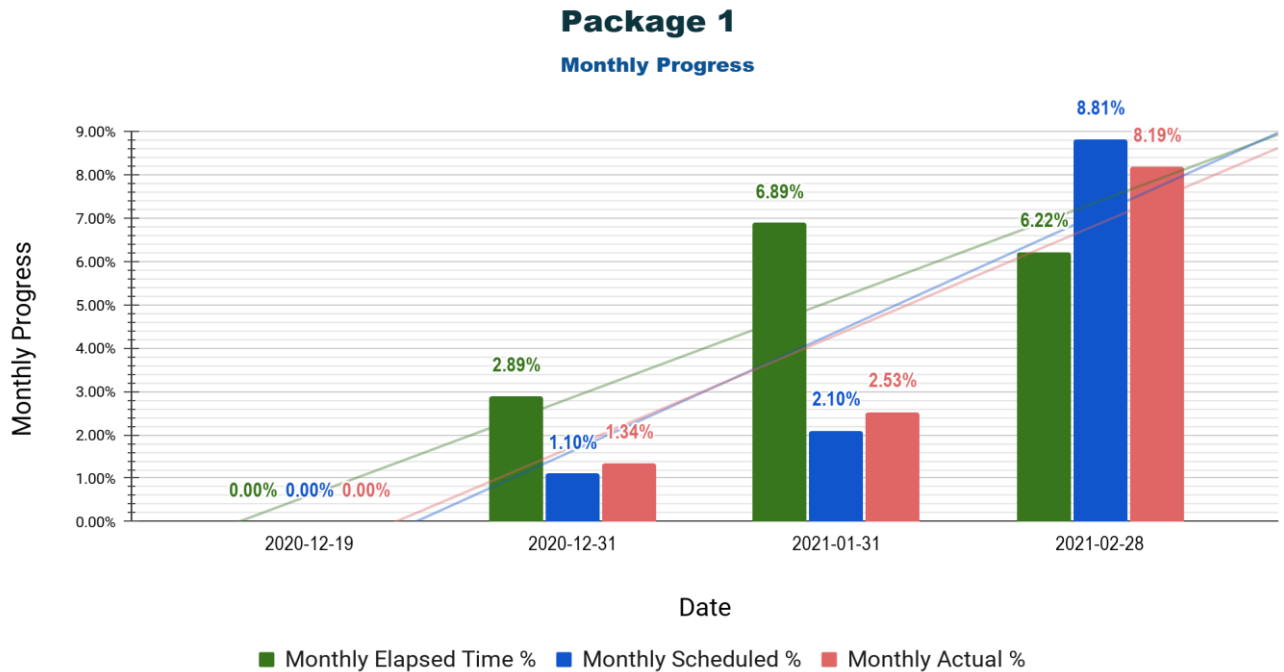
Site Name	Commencement Date	Report Date	Contract Completion Date
1-Um Al Dananir Basic Mixed - Balqa	2020-12-19	2021-02-28	2022-03-14
2-Al Khansa'a Basic Mixed - Balqa	2020-12-19	2021-02-28	2022-03-14
3-Khadija Bint Khwailed Basic Mixed - Balqa	2020-12-19	2021-02-28	2022-03-14



1.3 Percentage of Completion

Wahib Medanat Consultant Engineers

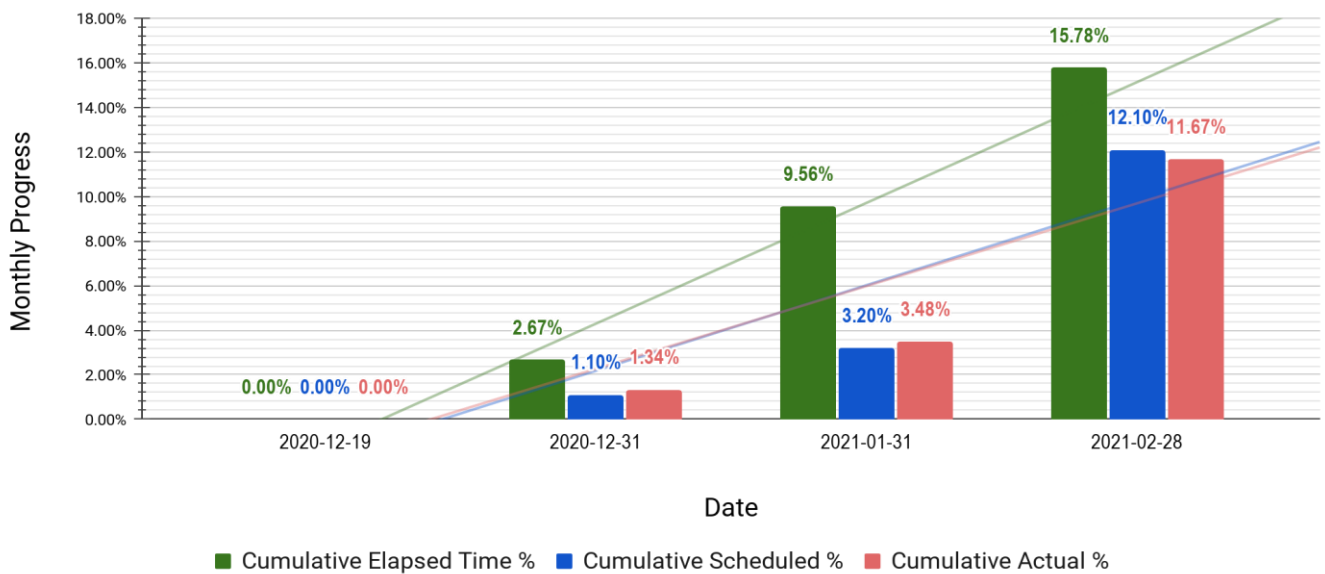
Package 1 Monthly Progress			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.89%	1.10%	1.34%
2021-01-31	6.89%	2.10%	2.53%
2021-02-28	6.22%	8.81%	8.19%
2021-03-31	6.89%	9.70%	
2021-04-30	6.67%	3.93%	
2021-05-31	6.89%	4.47%	



Package 1 Cumulative Progress			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	1.10%	1.34%
2021-01-31	9.56%	3.20%	3.48%
2021-02-28	15.78%	12.10%	11.67%
2021-03-31	22.67%	21.71%	
2021-04-30	29.33%	25.64%	
2021-05-31	36.22%	30.11%	

Package 1

Cumulative Progress

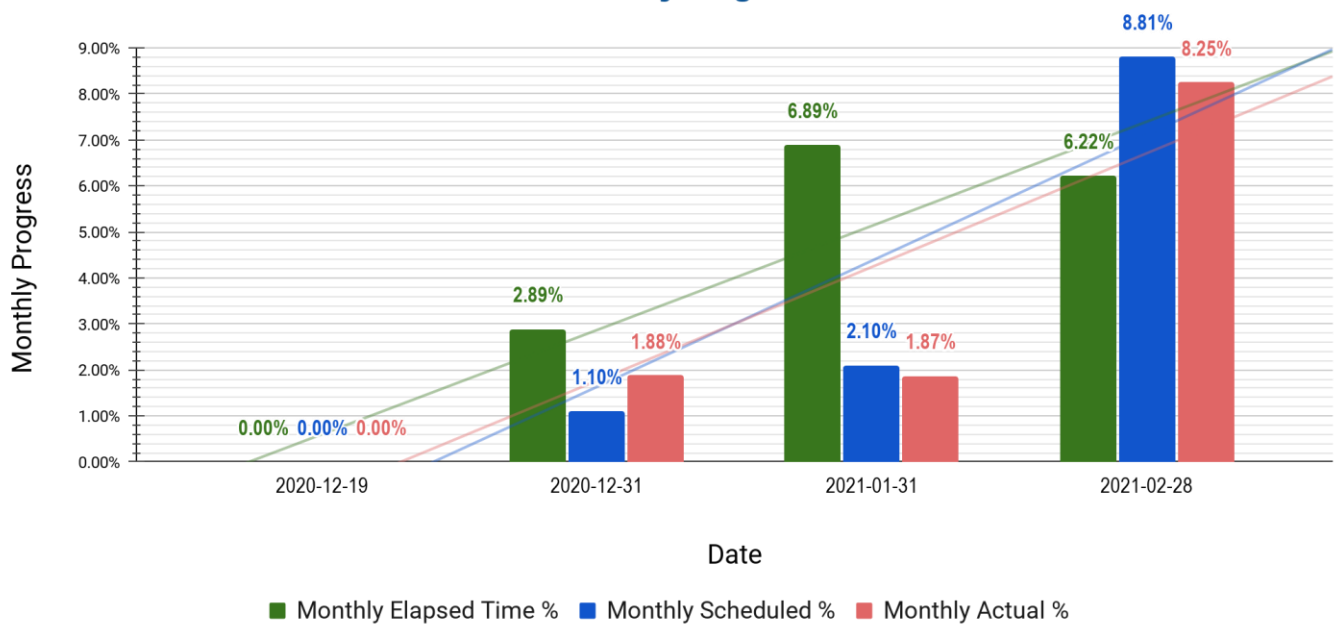


Khadija Bint Khwailed Basic Mixed School Progress

Package 1 Khadija Bint Khwailed Basic Mixed - Balqa			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.89%	1.10%	1.88%
2021-01-31	6.89%	2.10%	1.87%
2021-02-28	6.22%	8.81%	8.25%
2021-03-31	6.89%	9.70%	
2021-04-30	6.67%	3.93%	

Package 1 Khadija Bint Khwailed Basic Mixed - Balqa

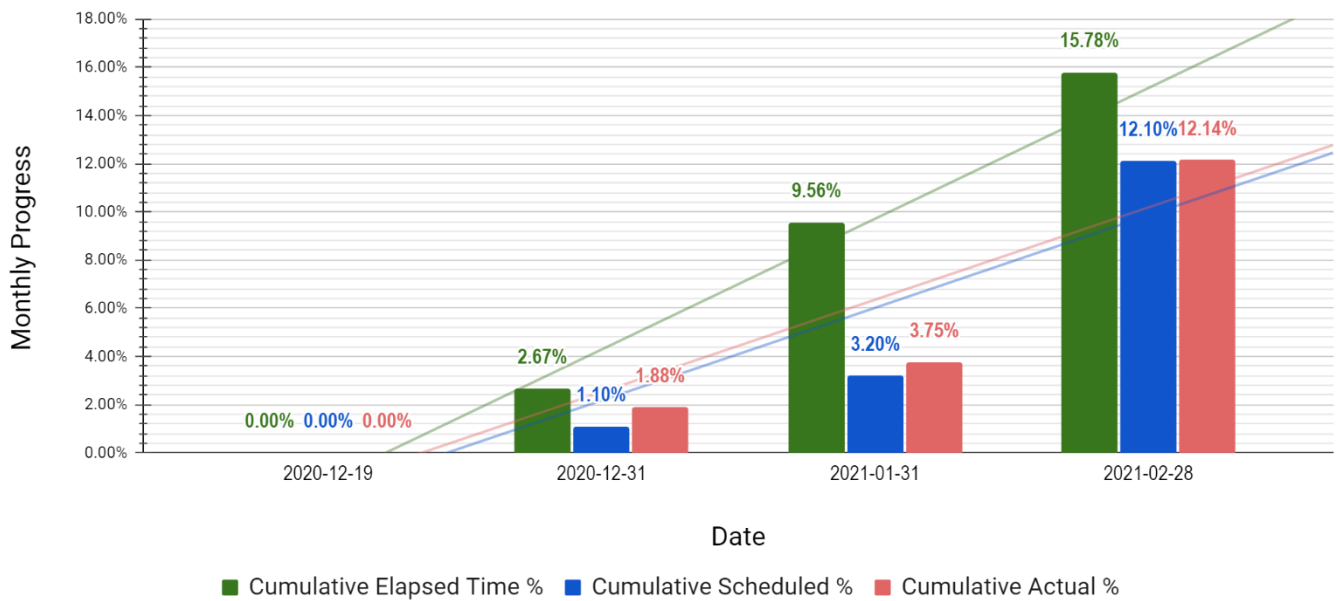
Monthly Progress



Package 1 Khadija Bint Khwailed Basic Mixed - B

Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	1.10%	1.88%
2021-01-31	9.56%	3.20%	3.75%
2021-02-28	15.78%	12.10%	12.00%
2021-03-31	22.67%	21.71%	
2021-04-30	29.33%	25.64%	
2021-05-31	36.22%	30.11%	

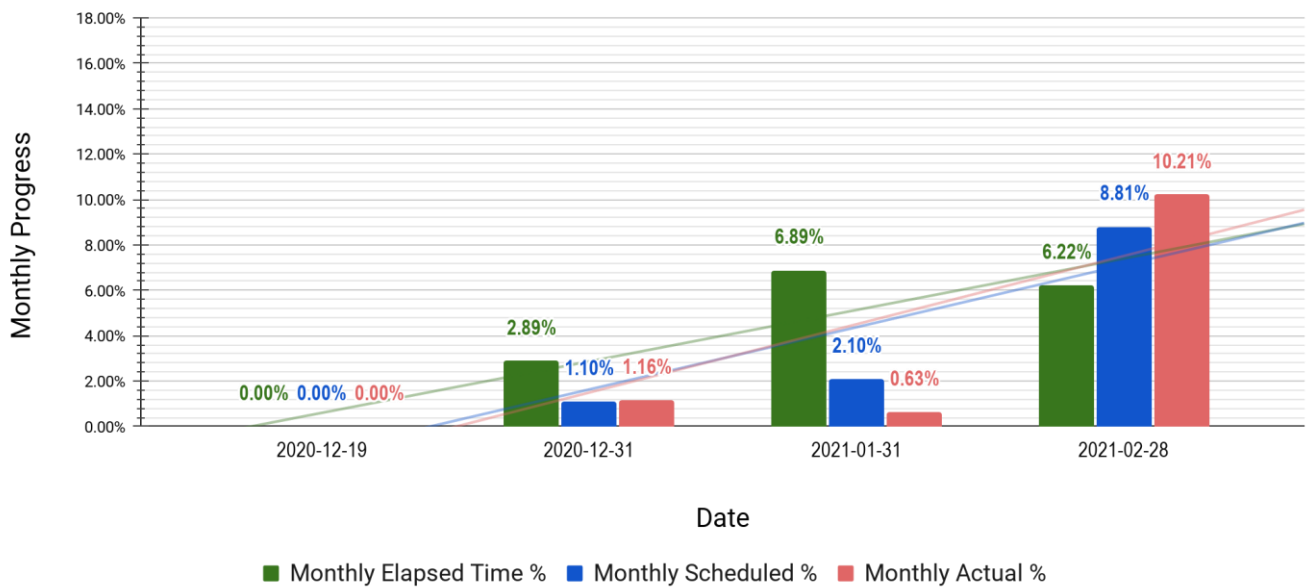
Package 1 Khadija Bint Khwailed Basic Mixed - Balqa
Cumulative Progress



Um Al Dananir Basic Mixed School Progress

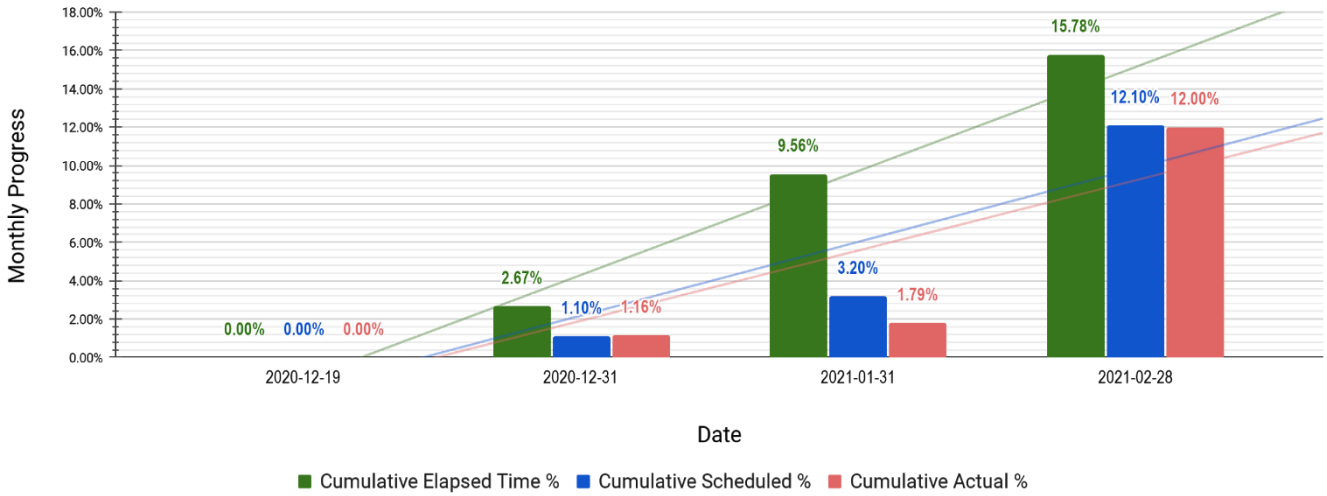
Package 1 Um Al Dananir Basic Mixed - Balqa			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.89%	1.10%	1.16%
2021-01-31	6.89%	2.10%	0.63%
2021-02-28	6.22%	8.81%	10.21%
2021-03-31	6.89%	9.70%	
2021-04-30	6.67%	3.93%	

Package 1 Um Al Dananir Basic Mixed - Balqa Monthly Progress



Package 1 Um Al Dananir Basic Mixed - Balqa			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	1.10%	1.16%
2021-01-31	9.56%	3.20%	1.79%
2021-02-28	15.78%	12.10%	12.00%
2021-03-31	22.67%	21.71%	
2021-04-30	29.33%	25.64%	
2021-05-31	36.22%	30.11%	

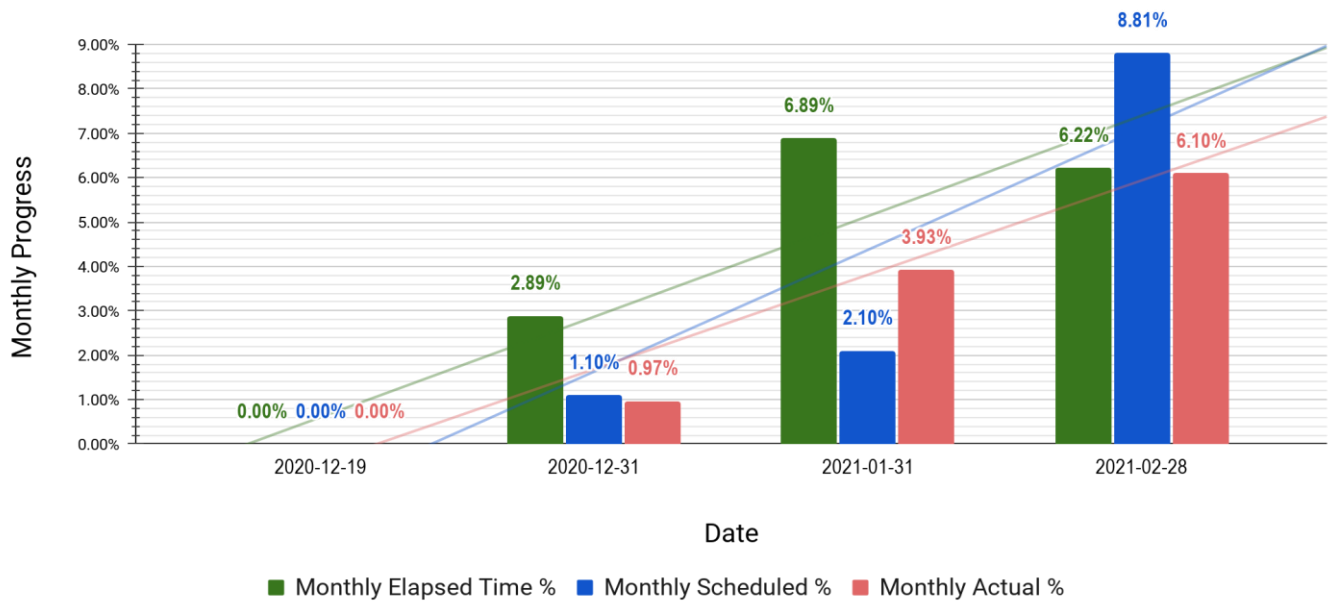
Package 1 Um Al Dananir Basic Mixed - Balqa
Cumulative Progress



Al Khansa'a Basic Mixed School Progress

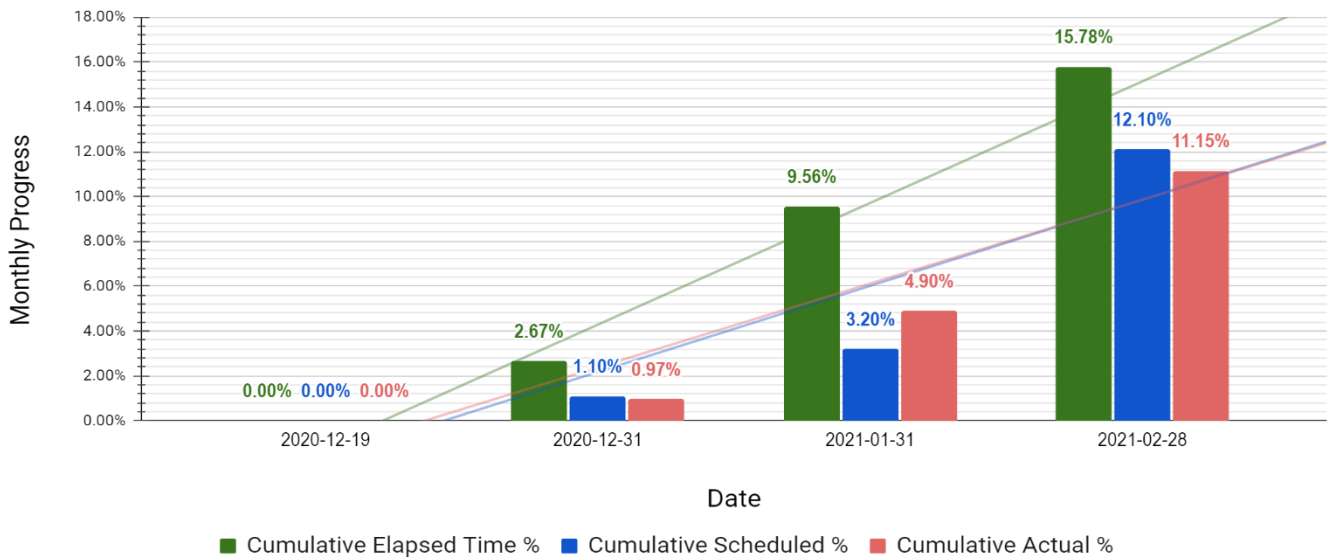
Package 1 Al Khansa'a Basic Mixed - Balqa			
Date	Monthly Elapsed Time %	Monthly Scheduled %	Monthly Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.89%	1.10%	0.97%
2021-01-31	6.89%	2.10%	3.93%
2021-02-28	6.22%	8.81%	6.10%
2021-03-31	6.89%	9.70%	
2021-04-30	6.67%	3.93%	

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



Package 1 Al Khansa'a Basic Mixed - Balqa			
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	1.10%	0.97%
2021-01-31	9.56%	3.20%	4.90%
2021-02-28	15.78%	12.10%	11.00%
2021-03-31	22.67%	21.71%	
2021-04-30	29.33%	25.64%	
2021-05-31	36.22%	30.11%	

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



Engineer comments on work progress:

Average for the three schools: The actual cumulative progress -as average- for the three schools jumped from 3.48% in January to 11.67% in February close to the scheduled cumulative progress of 12.1%.

- 1- **Khadija Bint Khwailed Basic Mixed - Balqa:** The actual cumulative progress at the end of February reached 12.00% close to the scheduled cumulative progress of 12.10% after a monthly progress of 8.25% in February, 2021.
- 2- **Um Al Dananir Basic Mixed - Balqa:** The actual cumulative progress at the end of February reached 12.00% close to the scheduled cumulative progress of 12.10% after a monthly progress of 10.21% in February, 2021.
- 3- **Al Khansa'a Basic Mixed - Balqa:** The actual cumulative progress at the end of February reached 11.00% close to the scheduled cumulative progress of 12.10% after a monthly progress of 6.10% in February, 2021.

In accordance with the above, the Contractor managed to overcome the delay at the end of last December, 2020 to become close to the scheduled cumulative progress at the end of February, 2021.

Annex - 1 -
1.4 Log of Activities

1.4 Log of Activities

LOG OF ACTIVITIES												
Completed and In-Progress Record JAN 2021												
Schools for Knowledge Economy Projects (SKEP III)												
Wahib Medanat Consultant Engineer												
No.	School Name	Location	Excavation Works %	Blinding Works %	Foundation Works %	Foundation Works Completion Date	Walls Completion Date	Backfilling Works %	Backfilling Completion Date	Total Percentage of Milestone Completed (%)	Notes	summary of activities
1.	Khadija Bint Khwailed Basic Mixed School	Al shouna Al Janobia	2.24%weighted from the total project sum	0.37% weighted from the total project sum	3.31% weighted from the total project sum		0.46% weighted from the total project sum	0	0	12%	* COMPLETED WORKS: - EXCAVATION FOR BUILDING - BLINDING FOR BUILDING - FOUNDATION WORKS - BACKFILLING UNDER T.B - BITUMIN AND CARTONAL FOR BUILDING	1. Backfilling 2. Steel woks for foundation, walls under S.O.G and column necks 3. Steel bar testing (taking samples by ROYAL SCIENTIFIC SOCIETY 4. House keeping 13. Cold fluid waterproofing works.
2.	Um-Aldananir Basic Mixed School	AlBaq'a	1.64% weighed from the total project sum	0.4% weighted from the total project sum	0	0	1.32% weighted from the total project sum	0	0	12%	* COMPLETED WORKS: - EXCAVATION FOR BUILDING - BLINDING FOR BUILDING - WORKS ON RAFTS 1,2,5 - 90% OF RAFTS 3,4 - REINFORCEMENT WORKS FOR BASEMENT WALLS AT AXXIS A-F/1-6	1. Form works for foundation 2. Cut and bend steel for foundation works 3. Insulation of bitumin and cartonal sheets 4. Reinforcement works for foundation, walls, column necks and wall necks 5. Casting concrete fpr raft foundation and walls necks 6. House keeping 7. Surveying works 8. Mechanical works 9. Electrical works
3.	Al Khansa' Basic Mixed School	Balqa	6.51% weighted from the total project sum	0.18% weighted from the total project sum		0	2.74% weighted from the total project sum	0	0	11%	* THE SITE WAS INACCESSIBLE FOR SOIL INVESTIGATION, THE SOIL INVESTIGATION ENDED ON 11/2/2021, WAITING FOR THE REPORT AND THE SEDIGNER ASSESSMENT	1.Excavation works 2.disposing the excavated material outside the project 3. Excavated material testing (taking samples by ROYAL SCIENTIFIC SOCIETY 4. Steel bar testing (taking samples by ROYAL SCIENTIFIC SOCIETY 5. House keeping 6. Blinding concrete casting Under Foundation 7. Form work for foundations 8. Steel works for external works 9. Excavation for septic tank

(Table 20: Log of Activities)

Annex -1-

1.5 Cash- Flow Charts

1.5 Cash-Flow

Wahib Medanat Consultant Engineers

Progress Payment and Planned Progress

Package 1 Cash Flow			
Payment	Date of Payment	Actual Amount (JD)	Scheduled (JD)
Advanced Payment Part (1)	01/10/2020	978,941.78	978,941.78
Advanced Payment Part (2)	15/01/2021	978,941.78	978,941.78
Progress Invoices	22/02/2021	364,560.08	319,330.82
Total		1,957,883.56	2,277,214.38

(Table 21: Cash-Flow (Progress Payment and Planned Progress))

Package 1- Cash Flow

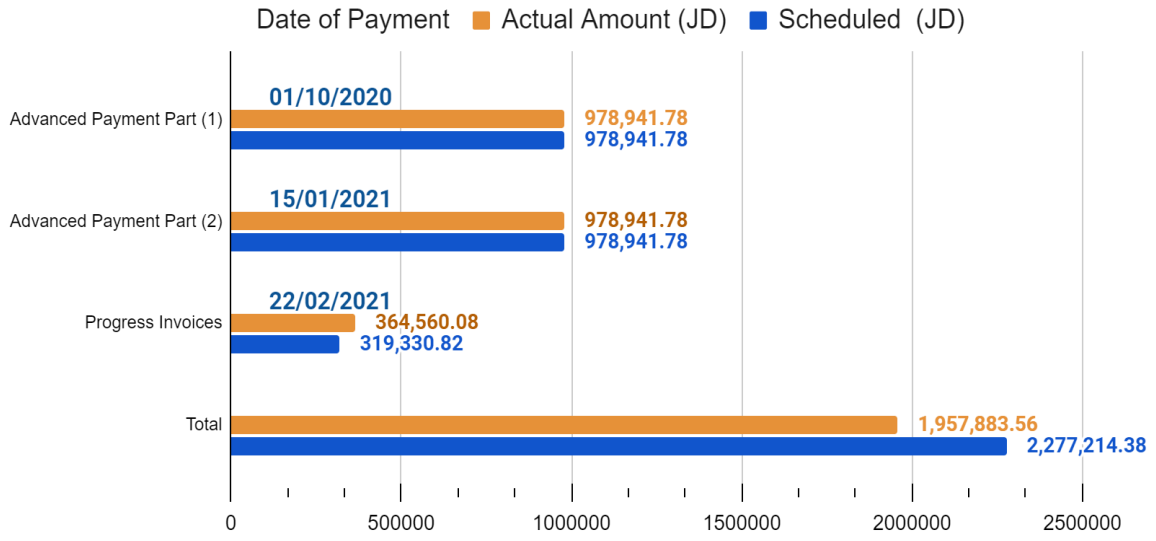


Figure 1: Cash-Flow (Charts) - Progress Payment and Planned Progress

Annex 2: Correspondence Logs

2.1 Incoming Letters

2.2 Outgoing Letters

Annex -2-

2.1 Incoming Letters

2.1 Correspondence Logs

Incoming Letters

Letter No.	Letter REF.	Date of Letter	Date Received	From	Letter Description	Status		Assigned to	Issued To	Letter Location		Notes
						Answered	Pending			Received Letter	Issued Letter	
1	USAID/2020/134/805	01/02/2021	01/02/2021	Derar Saraireh & sons for Engineering & Contracting	Base Line Schedule	X		Eng. Awni Hatamleh	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-403.pdf	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-559.pdf	
2	USAID/2020/135/806	01/02/2021	01/02/2021	Derar Saraireh & sons for Engineering & Contracting	Monthly Report No.(1) for Jan 2021		X	Eng. Awni Hatamleh	File	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-404.pdf	File	
3	SKEP/3/1-DSS-MAR-C-014	01/02/2021	01/02/2021	Derar Saraireh & sons for Engineering & Contracting	Dulux Vinyl Silk	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-406.pdf	Submittal action forms\Civil Submittals\Scanned-Submittal\Feb. 2021\C-014.pdf	
4	SKEP/3/1-DSS-MAR-C-015	01/02/2021	01/02/2021	Derar Saraireh & sons for Engineering & Contracting	Plastering Accessories	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-407.pdf	Submittal action forms\Architectural Submittals\C-015.docx	
5	SKEP/3/1-DSS-MAR-002-Rev 01	01/02/2021	01/02/2021	Derar Saraireh & sons for Engineering & Contracting	Cast Iron Radiators	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-405.pdf	Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\M-002-1R.pdf	
6	SKEP/3/1-DSS-MAR-C-016	01/02/2021	01/02/2021	Derar Saraireh & sons for Engineering & Contracting	Aluminum Windows and Doors	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-408.pdf	Submittal action forms\Civil Submittals\Scanned-Submittal\Feb. 2021\C-016.pdf	
7	USAID/2020/133/804	01/02/2021	01/02/2021	Derar Saraireh & sons for Engineering & Contracting	تعدى الشارع على حدود المدرسة-الجهة الشرقية (مدرسة أم الدنانير) Street Trespassing Um Al Dinanir's Boarders-Eastern Side	X		Eng. Natheer Amarin	MPWH	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-402.pdf	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-1-385.pdf	
8	USAID/2020/126/776	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	تعدى المبنى القائم قطعة (416) على حدود أرض المدرسة-الجهة الجنوبية-مدرسة أم الدنانير Existing Building (416) trespassing Um Al Dananir's Boarders- Southern Side	X		Eng. Awni Hatamleh Eng. Natheer Amarin	MPWH	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-307-.pdf	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-1-384.pdf	
9	USAID/2020/309/1/3	26/01/2021	02/02/2021	MPWH	Design Mix Test Results	X		Eng. Hasan Shaqbua	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-1-410.pdf	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-460.pdf	
10	USAID/1/2020/3073	01/02/2021	02/02/2021	MPWH	Contractor's Superintendance Safety Officer	X		Eng. Natheer Amarin	File	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-1-412.pdf	File	
11	USAID/1/2020/3181	01/02/2021	02/02/2021	MPWH	Contractor's Superintendance	X		Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-1-415.pdf	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-494.pdf	
12	SKEP/3/1-DSS-MAR-M-012-01 PPR	01/02/2021	02/02/2021	Derar Saraireh & sons for Engineering & Contracting	Polypropylene Water Pipe	X		Eng. Hasan Shaqbua	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوراد\Package 1\2021-368-1-2-417.pdf	Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\M-0012-01 ppr.pdf	

Table 22: Correspondence Logs (Incoming Letters)

Letter No.	Letter REF.	Date of Letter	Date Received	From	Letter Description	Status		Assigned to	Issued To	Letter Location		Notes
						Answered	Pending			Received Letter	Issued Letter	
13	USAID/2020/136/807	02/02/2021	02/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Tax Exemption	X		Eng. Natheer Amarin	USAID	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-419.pdf	Scanned Files\Scanned-الكتب-الصادر\Package 1\2021-368-1-3-457.pdf	
14	SKEP/3/1-DSS-MAR-E-007	01/02/2021	02/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Lighting	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Sarairoh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-418.pdf	Submittal action forms\Electrical Submittals\Scanned-Submittal\Feb. 2021\E-007.pdf	
15	SKEP/3/1-DSS-MAR-E-008	03/02/2021	03/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Wiring Accessories	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Sarairoh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-428.pdf	Submittal action forms\Electrical Submittals\Scanned-Submittal\Feb. 2021\E-008.pdf	
16	USAID/2020/137/809	03/02/2021	03/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Site Investigation & Geotechnical Evaluation Remaining (Boreholes) - Al Khansa'a Basic Mixed School	X		Eng. Natheer Amarin	Derar Sarairoh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-432.pdf	Scanned Files\Scanned-الكتب-الصادر\Package 1\2021-368-1-2-606.pdf	
17	SKEP/3/1-KHN-DSS-SHD-M-001-Rev 01	04/02/2021	04/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Water Tank Mechanical First Fix	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Sarairoh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-446.pdf	Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\KHN-M-001-Rev01.pdf	
18	SKEP/3/1-UMD-DSS-SHD-M-001-Rev 01	04/02/2021	04/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Water Tank Mechanical First Fix	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Sarairoh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-445.pdf	Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\UMD-M001 Rev01.pdf	
19	SKEP/3/1-DSS-MAR-M-024	04/02/2021	04/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Float Valve	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Sarairoh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-444.pdf	Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\W-24.pdf	
20	SKEP/3/1-DSS-MAR-M-033	04/02/2021	04/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Water Manifold Cabenits	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Sarairoh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-443.pdf	Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\W-033.pdf	
21	SKEP/3/1-DSS-MAR-E-009	04/02/2021	06/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Main Distribution Equipment	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Sarairoh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-457.pdf	Submittal action forms\Electrical Submittals\Scanned-Submittal\Feb. 2021\E-009.pdf	
22	USAID/2020/138/812	06/02/2021	06/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Retaining Wall	X		Eng. Mahmoud Mughannam	Derar Sarairoh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-455.pdf	Scanned Files\Scanned-الكتب-الصادر\Package 1\2021-368-1-2-538.pdf	
23	USAID/2020/139/813	06/02/2021	06/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Tax Exemption	X		Eng. Mahmoud Mughannam	USAID	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-456.pdf	Scanned Files\Scanned-الكتب-الصادر\Package 1\2021-368-1-3-496.pdf	
24	No Number	07/02/2021	07/02/2021	Derar Sarairoh & sons for Engineering & Contracting	Manifold Cabinets	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	File	Scanned Files\Scanned-الكتب-الوارد\Package 1\2021-368-1-2-463.pdf	File	

Table 23: Correspondence Logs (Incoming Letters)

Letter No.	Letter REF.	Date of Letter	Date Received	From	Letter Description	Status		Assigned to	Issued To	Letter Location		Notes
						Answered	Pending			Received Letter	Issued Letter	
25	USAID/1/2020/3948	09/02/2021	09/02/2021	MPWH	Contractor's Superintendence	X		Eng. Mahmoud Mughannam	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-1-486.pdf	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\المصادر\\Package 1\\2021-368-1-2-563.pdf	
26	3641/24/28/220(530105)	09/02/2021	09/02/2021	Royal Scientific Society	Test Report	X		Eng. Hasan Shaqbua	File	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-3-491.pdf	File	
27	USAID/2020/140/815	08/02/2021	09/02/2021	Derar Saraireh & sons for Engineering & Contracting	Mechanics Material Submittal	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	File	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-2-498.pdf	Cancelled by Contractor	
28	USAID/2020/141/816	09/02/2021	09/02/2021	Derar Saraireh & sons for Engineering & Contracting	Work Out of a Designated Working Hour (Overtime)	X		Eng. Mahmoud Mughannam	MPWH	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-2-500.pdf	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\المصادر\\Package 1\\2021-368-1-1-564.pdf	
29	SKEP/3/1-DSS-MAR-M-016	09/02/2021	09/02/2021	Derar Saraireh & sons for Engineering & Contracting	Electric Water Cooler	X		Eng. Mahmoud Mughannam	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-2-501.pdf	..\\..\\..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\Feb. 2021\\W-016.pdf	
30	SKEP/3/1-DSS-MAR-E-004-Rev-01	09/02/2021	09/02/2021	Derar Saraireh & sons for Engineering & Contracting	Fire Alarm System	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-2-502.pdf	..\\..\\..\\..\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\Feb. 2021\\E-004-Rev01.pdf	
31	USAID/2020/142/817	10/02/2021	10/02/2021	Derar Saraireh & sons for Engineering & Contracting	Mechanics Material Submittal	X		Eng. Natheer Amarin Eng. Mohammad Almajale Eng. Mus'ab Khalil	File	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-2-513.pdf	Cancellation letter	
32	SKEP/3/1-DSS-MAR-M-035	10/02/2021	10/02/2021	Derar Saraireh & sons for Engineering & Contracting	Polypropylene Water Pipe	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-2-515.pdf	..\\..\\..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\Feb. 2021\\W-035.pdf	
33	USAID/2020/144/821	11/02/2021	11/02/2021	Derar Saraireh & sons for Engineering & Contracting	Tax Exemption	X		Eng. Natheer Amarin	USAID	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-2-517.pdf	..\\..\\..\\..\\2021-368-1-3-568.docx	
34	SKEP/3/1-DSS-DOC-E-003 to E-038	11/02/2021	11/02/2021	Derar Saraireh & sons for Engineering & Contracting	Electrical Drawings	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-2-530.pdf	..\\..\\..\\..\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\Feb. 2021\\UMD-E-003 to E-038.pdf	
35	SKEP/3/1/UMD-DSS-C-002	11/02/2021	11/02/2021	Derar Saraireh & sons for Engineering & Contracting	Stone Method of Statement	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-2-531.pdf	..\\..\\..\\..\\Submittal action forms\\Architectural Submittals\\Scanned-Submittal\\Feb. 2021\\UMD-C-002.pdf	
36	SKEP/3/1-DSS-MAR-E-010	11/02/2021	11/02/2021	Derar Saraireh & sons for Engineering & Contracting	Wiring Accessories	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\الواردة\\Package 1\\2021-1-2-532.pdf	..\\..\\..\\..\\Submittal action forms\\Electrical Submittals\\E-010.docx	

Table 174: Correspondence Logs (Incoming Letters)

Letter No.	Letter REF.	Date of Letter	Date Received	From	Letter Description	Status		Assigned to	Issued To	Letter Location		Notes
						Answered	Pending			Received Letter	Issued Letter	
37	SKEP/3/1-DSS-MAR-E-011	11/02/2021	11/02/2021	Derar Saraireh & sons for Engineering & Contracting	UPVC Pipes	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-533.pdf	\\..\.Submittal action forms\Electrical Submittals\Scanned-Submittal\Feb. 2021\E-011.pdf	
38	SKEP/3/1-DSS-MAR-C-012	13/02/2021	13/02/2021	Derar Saraireh & sons for Engineering & Contracting	Cementitious Waterproofing Membrane	X		Eng. Hasan Shaqbua	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-542.pdf	\\..\.Submittal action forms\Civil Submittals\C-012.docx	
39	SKEP/3/1-DSS-MAR-C-018	13/02/2021	13/02/2021	Derar Saraireh & sons for Engineering & Contracting	Bonding Agent	X		Eng. Hasan Shaqbua	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-543.pdf	\\..\.Submittal action forms\Civil Submittals\Scanned-Submittal\Feb. 2021\C-018.pdf	
40	SKEP/3/1-DSS-MAR-C-019	13/02/2021	13/02/2021	Derar Saraireh & sons for Engineering & Contracting	Epoxy (Iokfix DUR)	X		Eng. Hasan Shaqbua	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-544.pdf	\\..\.Submittal action forms\Civil Submittals\Scanned-Submittal\Feb. 2021\C-019.pdf	
41	3989/24/28/210/530103	14/02/2021	14/02/2021	Royal Scientific Society	Test Report	X		Eng. Hasan Shaqbua	File	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-3-553.pdf	File	
42	SKEP/3/1-DSS-MAR-C-020	13/02/2021	13/02/2021	Derar Saraireh & sons for Engineering & Contracting	Tiles Grout	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-545.pdf	\\..\.Submittal action forms\Architectural Submittals\Scanned-Submittal\Feb. 2021\C-020.pdf	
43	USAID/2020/145/828	13/02/2021	13/02/2021	Derar Saraireh & sons for Engineering & Contracting	Khadija Bint Khwailed Basic Mixed School Retaining Wall	X		Eng. Mahmoud Mughannam	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-536.pdf	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-368-1-2-605.pdf	
44	SKEP/3/1-UMD-DSS-SHD-M-006-Rev 00	14/02/2021	14/02/2021	Derar Saraireh & sons for Engineering & Contracting	Site Plan Rainwater Drain	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-557.pdf	\\..\.Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\UMD-M-006-REV00.pdf	
45	SKEP/3/1-UMD-DSS-SHD-M-005-Rev 01	14/02/2021	14/02/2021	Derar Saraireh & sons for Engineering & Contracting	Site Plan Drainage System/A	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-556.pdf	\\..\.Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\UMD-M-005-REV01.pdf	
46	SKEP/3/1-DSS-MAR-C-022	15/02/2021	15/02/2021	Derar Saraireh & sons for Engineering & Contracting	Grooved Graffio Finish Plaster	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-578.pdf	\\..\.Submittal action forms\Architectural Submittals\Scanned-Submittal\Feb. 2021\C-022.pdf	
47	SKEP/3/1-DSS-MAR-C-023	15/02/2021	15/02/2021	Derar Saraireh & sons for Engineering & Contracting	Non-Toxic Epoxy Waterproof (Paint)	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-577.pdf	\\..\.Submittal action forms\Architectural Submittals\Scanned-Submittal\Feb. 2021\C-023.pdf	
48	SKEP/3/1/UMD- DSS-DOC-C-005	15/02/2021	15/02/2021	Derar Saraireh & sons for Engineering & Contracting	Painting	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب-الوراء\Package 1\2021-1-2-576.pdf	\\..\.Submittal action forms\Architectural Submittals\Scanned-Submittal\Feb. 2021\UMD-C-005.pdf	

Table 185: Correspondence Logs (Incoming Letters)

Letter No.	Letter REF.	Date of Letter	Date Received	From	Letter Description	Status		Assigned to	Issued To	Letter Location		Notes
						Answered	Pending			Received Letter	Issued Letter	
49	SKEP/3/1-DSS-MAR-C-021	15/02/2021	15/02/2021	Derar Saraireh & sons for Engineering & Contracting	1 mm Thick Aluminum Angle	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	\\..\.Submittal action forms\Architectural Submittals\Scanned-Submittal\Feb. 2021\C-021.pdf	\\..\.Submittal action forms\Architectural Submittals\Scanned-Submittal\Feb. 2021\C-021.pdf	
50	SKEP/3/1-KHD- DSS-SHD-M-002-Rev02	15/02/2021	15/02/2021	Derar Saraireh & sons for Engineering & Contracting	Ground Floor Plan Drainage System	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	\\..\.Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\KHD-M-002-REV02.pdf	\\..\.Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\KHD-M-002-REV02.pdf	
51	SKEP/3/1/KHD- DSS-SHD- M- 003- Rev03	15/02/2021	15/02/2021	Derar Saraireh & sons for Engineering & Contracting	Site Plan Drainage System A+B	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	\\..\.Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\KHD-M-003-REV03.pdf	\\..\.Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\KHD-M-003-REV03.pdf	
52	USAID/2020/147/833	15/02/2021	15/02/2021	Derar Saraireh & sons for Engineering & Contracting	Tax Exemption	X		Eng. Mahmoud Mughannam	USAID	\\..\.Scanned Files\Scanned-الكتب\368الواردة\Package 1\2021-1-2-571.pdf	\\..\.Scanned Files\Scanned-الكتب\368الواردة\Package 1\2021-368-1-3-623.pdf	
53	USAID/2020/146/832	15/02/2021	15/02/2021	Derar Saraireh & sons for Engineering & Contracting	Pertaining to the CCTV System	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب\368الواردة\Package 1\2021-1-2-572.pdf	\\..\.Scanned Files\Scanned-الكتب\368الواردة\Package 1\2021-368-1-2-644.pdf	
54	USAID/2020/150/836	16/02/2021	16/02/2021	Derar Saraireh & sons for Engineering & Contracting	Elevators for All Schools	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب\368الواردة\Package 1\2021-1-2-596.pdf	\\..\.Scanned Files\Scanned-الكتب\368الواردة\Package 1\2021-368-1-2-645.pdf	
55	USAID/2020/149/835	16/02/2021	16/02/2021	Derar Saraireh & sons for Engineering & Contracting	Tax Exemption	X		Eng. Mahmoud Mughannam	USAID	\\..\.Scanned Files\Scanned-الكتب\368الواردة\Package 1\2021-1-2-595.pdf	\\..\.Scanned Files\Scanned-الكتب\368الواردة\Package 1\2021-368-1-3-622.pdf	
56	USAID/2020/148/834	16/02/2021	16/02/2021	Derar Saraireh & sons for Engineering & Contracting	Site Investigation	X		Eng. Mahmoud Mughannam	Derar Saraireh & sons for Engineering & Contracting	\\..\.Scanned Files\Scanned-الكتب\368الواردة\Package 1\2021-1-2-593.pdf	\\..\.Scanned Files\Scanned-الكتب\368الواردة\Package 1\2021-368-1-2-637.pdf	
57	SKEP/3/1/UMD- DSS-DOC- E- 001	16/02/2021	16/02/2021	Derar Saraireh & sons for Engineering & Contracting	Response to notes on LV Switchgear Submittal	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\..\.Submittal action forms\Electrical Submittals\Scanned-Submittal\Feb. 2021\UMD-E-01.pdf	\\..\.Submittal action forms\Electrical Submittals\Scanned-Submittal\Feb. 2021\UMD-E-01.pdf	
58	SKEP/3/1-DSS-MAR-E-013	16/02/2021	16/02/2021	Derar Saraireh & sons for Engineering & Contracting	Structure Cabling System	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\..\.Submittal action forms\Electrical Submittals\Scanned-Submittal\Feb. 2021\E-013.pdf	\\..\.Submittal action forms\Electrical Submittals\Scanned-Submittal\Feb. 2021\E-013.pdf	
59	SKEP/3/1-DSS-MAR-E-012	16/02/2021	16/02/2021	Derar Saraireh & sons for Engineering & Contracting	Un Interruptible Power Supply (UPS)	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\..\.Submittal action forms\Electrical Submittals\Scanned-Submittal\Feb. 2021\E-012.pdf	\\..\.Submittal action forms\Electrical Submittals\Scanned-Submittal\Feb. 2021\E-012.pdf	
60	SKEP/3/1-DSS-MAR-M-036	17/02/2021	17/02/2021	Derar Saraireh & sons for Engineering & Contracting	Concrete Manhole	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	\\..\.Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\M-036.pdf	\\..\.Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\M-036.pdf	

Table 196: Correspondence Logs (Incoming Letters)

Letter No.	Letter REF.	Date of Letter	Date Received	From	Letter Description	Status		Assigned to	Issued To	Letter Location		Notes
						Answered	Pending			Received Letter	Issued Letter	
61	USAID/2020/151/838	17/02/2021	17/02/2021	Derar Saraireh & sons for Engineering & Contracting	Interim Payment No.(2)	X		Eng. Natheer Amarin Eng. Mahmoud Mughannam	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-621.pdf	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368-1-2-636.pdf	
62	SKEP/3/1-DSS-MAR-M-025-01	16/02/2021	16/02/2021	Derar Saraireh & sons for Engineering & Contracting	Pumps	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-600.pdf	..\\..\\..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\Feb. 2021\\M-025-01.pdf	
63	USAID/2020/154/851	21/02/2021	21/02/2021	Derar Saraireh & sons for Engineering & Contracting	Tax Exemption	X		Eng. Mahmoud Mughannam	USAID	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-638.pdf	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368-1-3-679.pdf	
64	USAID/2020/153/850	21/02/2021	21/02/2021	Derar Saraireh & sons for Engineering & Contracting	Electromechanical Shop Drawing Signature	X		Eng. Mohammad Almajale Eng. Musa Abdelhadi	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-637.pdf	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368-1-2-718.pdf	
65	2020/1/USAID/6225	17/02/2021	21/02/2021	MPWH	Contractor Superintendence	X		Eng. Mahmoud Mughannam	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-1-635.pdf	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368-1-2-666.pdf	
66	SKEP/3/1- DSS- MAR- C-024	22/02/2021	22/02/2021	Derar Saraireh & sons for Engineering & Contracting	Aluminum Doors and Windows		X	Eng. Batool Yassine		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-644.pdf		
67	SKEP/3/1- DSS- MAR- C-003/Rev02	22/02/2021	22/02/2021	Derar Saraireh & sons for Engineering & Contracting	Natural Local Stone	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-649.pdf	..\\..\\..\\..\\Submittal action forms\\Architectural Submittals\\Scanned-Submittal\\Feb. 2021\\C-003-Rev02.pdf	
68	SKEP/3/1- DSS- MAR- E-014	23/2/2021	24/2/2021	Derar Saraireh & sons for Engineering & Contracting	Raceways (Cable Tray)	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-691.pdf	..\\..\\..\\..\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\Feb. 2021\\E-014.pdf	
69	SKEP/3/1-DSS-MAR-M-012- REV02	22/02/2021	23/2/2021	Derar Saraireh & sons for Engineering & Contracting	CPVC Pipes and Fitting	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-685.pdf	..\\..\\..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\Feb. 2021\\M-012-Rev02.pdf	
70	SKEP/3/1- DSS- MAR- C-021/Rev01	23/2/2021	23/2/2021	Derar Saraireh & sons for Engineering & Contracting	1 mm Thick Aluminum Angle	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-686.pdf	..\\..\\..\\..\\Submittal action forms\\Architectural Submittals\\Scanned-Submittal\\Feb. 2021\\C-021-Rev01.pdf	
71	SKEP/3/1-DSS-MAR-M-001-02	23/2/2021	23/2/2021	Derar Saraireh & sons for Engineering & Contracting	Cas Iron Hot Water Boiler	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-683.pdf	..\\..\\..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\Feb. 2021\\M-001-02.pdf	
72	SKEP/3/1-DSS-MAR-M-019 - Rev01	23/2/2021	23/2/2021	Derar Saraireh & sons for Engineering & Contracting	LPG System and Gas Leak detection system	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الواردة\\1-2-681.pdf	..\\..\\..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\Feb. 2021\\M-019-Rev01.pdf	

Table 207: Correspondence Logs (Incoming Letters)

Letter No.	Letter REF.	Date of Letter	Date Received	From	Letter Description	Status		Assigned to	Issued To	Letter Location		Notes
						Answered	Pending			Received Letter	Issued Letter	
73	USAID/2020/157/857	23/2/2021	23/2/2021	Derar Saraireh & sons for Engineering & Contracting	LV Switchgear	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-671.pdf	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\المصادر\Package 1\2021-368-1-2-710.pdf	
74	SKEP/3/1-DSS-MAR-M-035 - Rev01	22/02/2021	23/2/2021	Derar Saraireh & sons for Engineering & Contracting	Polypropylene Water Pipe and fittings		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-684.pdf		
75	USAID/2020/156/856	23/2/2021	23/2/2021	Derar Saraireh & sons for Engineering & Contracting	CCTV	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-670.pdf	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\المصادر\Package 1\2021-368-1-2-709.pdf	
76	SKEP/3/1- DSS- MAR- C-025	25/2/2021	25/2/2021	Derar Saraireh & sons for Engineering & Contracting	Polyethylene sheet		X	Eng. Natheer Amarin		Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-692.pdf		
77	SKEP/3/1-DSS-MAR-M-026 - Rev01	23/2/2021	23/2/2021	Derar Saraireh & sons for Engineering & Contracting	AC Split Unit	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-682.pdf	Submittal action forms\Mechanical Submittals\Scanned-Submittal\Feb. 2021\M-026-REV01.pdf	
78	USAID/2020/155/855	23/2/2021	23/2/2021	Derar Saraireh & sons for Engineering & Contracting	Kadija Bint Khwailed Basic Mixed School Retaining Wall	X		Eng. Mahmoud Mughannam Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-669.pdf	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\المصادر\Package 1\2021-368-1-2-754.pdf	
79	2020/1/USAID/6532	22/02/2021	24/2/2021	MPWH	غرفة محطة التحويل الكهربائية		X	Eng. Musa Abdelhadi Eng. Laith Zwairi		Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-1-697.pdf		
80	USAID/2020/158/860	24/2/2021	24/2/2021	Derar Saraireh & sons for Engineering & Contracting	Tax Exemption		X	Eng. Mahmoud Mughannam		Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-703.pdf		
81	SKEP/3/1-KHS-DSS-SHD-M-002 - Rev00	27/2/2021	27/2/2021	Derar Saraireh & sons for Engineering & Contracting	Ground Floor Plan Drainage System		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-727.pdf		
82	SKEP/3/1-KHS-DSS-SHD-M-004 - Rev00	27/2/2021	27/2/2021	Derar Saraireh & sons for Engineering & Contracting	Site Plan Rain System Layout		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-726.pdf		
83	USAID/2020/159/862	25/2/2021	27/2/2021	Derar Saraireh & sons for Engineering & Contracting	COVID-19 Pandemic	X		Eng. Mahmoud Mughannam	Derar Saraireh & sons for Engineering & Contracting	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-722.pdf	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\المصادر\Package 1\2021-368-1-2-755.pdf	
84	USAID/2020/160/864	25/2/2021	27/2/2021	Derar Saraireh & sons for Engineering & Contracting	Interim Payment No.(2)	X		Eng. Natheer Amarin Eng. Mahmoud Mughannam	MPWH	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\الواردة\Package 1\2021-1-2-723.pdf	Scanned Files\Scanned-الكتب-الكتاب\Package 1\2021-368\المصادر\Package 1\2021-368-1-1-715.pdf	

Table 28: Correspondence Logs (Incoming Letters)

Letter No.	Letter REF.	Date of Letter	Date Received	From	Letter Description	Status		Assigned to	Issued To	Letter Location		Notes
						Answered	Pending			Received Letter		
85	SKEP/3/1- DSS- DOC- E- 002	25/2/2021	25/2/2021	Derar Saraireh & sons for Engineering & Contracting	Batteries Calculation for UPS		X	Eng. Musa Abdelhadi Eng. Laith Zwairi		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الوارد دة368\\Package 1\\2021-1-2-718.pdf		
86	SKEP/3/1-DSS-MAR-M-011-02	25/2/2021	25/2/2021	Derar Saraireh & sons for Engineering & Contracting	PEX Pipes Fittings and manifolds		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الوارد دة368\\Package 1\\2021-1-2-720.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\Feb. 2021\\M-011-02.pdf	
87	SKEP/3/1-DSS-MAR-M-027-REV01	24/2/2021	25/2/2021	Derar Saraireh & sons for Engineering & Contracting	Expansion Tanks and Air Dirt Separator		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الوارد دة368\\Package 1\\2021-1-2-719.pdf		
88	SKEP/3/1-KHD-DSS-SHD-M-002-REV03	27/2/2021	27/2/2021	Derar Saraireh & sons for Engineering & Contracting	Ground Floor Plan Drainage System		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الوارد دة368\\Package 1\\2021-1-2-728.pdf		
89	SKEP/3/1-DSS-MAR-M-013-02	25/2/2021	25/2/2021	Derar Saraireh & sons for Engineering & Contracting	Water Valves		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الوارد دة368\\Package 1\\2021-1-2-717.pdf		
90	USAID/2020/161/865	28/2/2021	28/2/2021	Derar Saraireh & sons for Engineering & Contracting	Tax Exemption Letter		X	Eng. Mahmoud Mughannam		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الوارد دة368\\Package 1\\2021-1-2-742.pdf		
91	SKEP/3/1-UMD-DSS-SHD-M-003-REV01	28/2/2021	28/2/2021	Derar Saraireh & sons for Engineering & Contracting	Basement Floor Plan Drainage System		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الوارد دة368\\Package 1\\2021-1-2-751.pdf		
92	SKEP/3/1-KHD-DSS-SHD-M-005-REV00	28/2/2021	28/2/2021	Derar Saraireh & sons for Engineering & Contracting	Ground Floor Plan Water Distribution System		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الوارد دة368\\Package 1\\2021-1-2-750.pdf		
93	SKEP/3/1-DSS-MAR-M-037	28/2/2021	28/2/2021	Derar Saraireh & sons for Engineering & Contracting	Electric Water Cooler		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الوارد دة368\\Package 1\\2021-1-2-752.pdf		
94	SKEP/3/1-DSS-MAR-M-015-Rev01	28/2/2021	28/2/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Top Packaged Unit		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الوارد دة368\\Package 1\\2021-1-2-753.pdf		

Table 29: Correspondence Logs (Incoming Letters)

Annex -2-

2.2 Outgoing Letters

2.2 Correspondence Logs

Outgoing Letters

Letter No.	Letter REF.	Letter Description	Date of Issuance	Issued To		Letter Location	Notes
				Name	Response		
1	368-1/1/575	إيصال المياه والصرف الصحي	14/02/2021	MPWH		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الصادرة\\Package 1\\2021-368-1-1-575.pdf	
2	368-1/2/672	COVID-19 Pandemic	23/02/2021	Derar Saraireh & sons for Engineering & Contracting		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الصادرة\\Package 1\\2021-368-1-2-672.pdf	
3	368-1/1/695	Existing Boundary Wall	24/02/2021	MPWH		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الصادرة\\Package 1\\2021-368-1-1-695.pdf	
4	368-1/1/752	HVAC Package Unit	28/02/2021	MPWH		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الصادرة\\Package 1\\2021-368-1-1-752.pdf	

Table 30: Correspondence Logs (Outgoing Letters)

Annex -3-

Submittals Logs

3.1 Architectural Submittals

3.1.1 Arch. Shop Drawings

3.1.2 Arch. Materials Submittal

3.2 Electrical Submittals

3.2.1 Elect. Shop Drawings

3.2.2 Elect. Materials Submittal

3.3 Mechanical Submittals

3.3.1 Mech. Shop Drawings

3.3.2 Mech. Materials Submittal

3.4 Civil Submittals

3.4.1 Civil Shop Drawings

3.4.2 Civil Materials Submittal

Annex -3-

3.1 Architectural Submittals

3.1.1 Arch. Shop Drawings

3.1.2 Arch. Materials Submittal

3.1 Architectural Submittals

3.1.1 Arch. Shop Drawings

Architectural Shop Drawings Tracking LOG																
Date: Feb.2021		Supervision Engineer: Wahib Medanat Consultant Engineers														
Project: 1/2020/USAID/SKEP/3/1		Contractor: Derar Saraireh & sons for Engineering & Contracting														
Rep no.: 3		Site:														
No.	Drawing REF.	Revision	Darwing Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Rvise & Resubmit	Rejected	File	Site	Contractor				
1	UMD-DSS-DOC-C-002	1	Stone Method Statement	Derar Saraireh & sons for Engineering & Contracting	23/1/2021			X		X		X			2/2/2021	
2	UMD-DSS-DOC-C-002-01	2	Stone Method Statement	Derar Saraireh & sons for Engineering & Contracting	11/2/2021			X		X		X			16/2/2021	
3																
4																
5																
6																
7																
8																

(Table 31: Architectural Submittals - Arch. Shop Drawings)

3.1 Architectural Submittals

3.1.2 Arch. Materials Submittal

Architectural Materials Submittal Tracking LOG																
Date: Feb. 2021			Supervision Engineer: Wahib Medanat Consultant Engineers													
Project: 1/2020/USAID/SKEP/3/1			Contractor: Derar Saraireh & sons for Engineering & Contracting													
Rep no.: 3			Site:													
No.	Item Type	Revision	Item Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Rvise & Resubmit	Rejected	File	Site	Contractor				
1	C-014	1	Painting Work	Derar Saraireh & sons for Engineering & Contracting	01/02/2021	X				X		X			9/2/2021	
2	C-015	1	Plastering Accessories	Derar Saraireh & sons for Engineering & Contracting	01/02/2021		X			X		X			10/2/2021	
3	C-020	1	Tiles Grout	Derar Saraireh & sons for Engineering & Contracting	13/02/2021		X			X		X			21/02/2021	
4	C-021	1	1 mm Thick Aluminum Angle	Derar Saraireh & sons for Engineering & Contracting	15/02/2021				X	X		X			16/02/2021	
5	C-022	1	Groove GRAFFIO Finish Plaster	Derar Saraireh & sons for Engineering & Contracting	15/02/2021		X			X		X			16/02/2021	
6	C-023	1	Non-Toxic Epoxy Waterproof (paint)	Derar Saraireh & sons for Engineering & Contracting	15/02/2021	X				X		X			17/02/2021	
7	C-021	2	1 mm Thick Aluminum Angle	Derar Saraireh & sons for Engineering & Contracting	23/02/2021				X	X		X			25/02/2021	
8	C-003	3	Natural Local Stone	Derar Saraireh & sons for Engineering & Contracting	22/02/2021		X		X	X		X			24/02/2021	

(Table 32: Architectural Submittals - Arch. Materials Submittal)

Annex -3-

3.2 Electrical Submittals

3.2.1 Elect. Shop Drawings

3.2.2 Elect. Materials Submittal

3.2 Electrical Submittals

3.2.1 Elect. Shop Drawings

Electrical Shop Drawings Tracking LOG

Date: Feb. 2021	Supervision Engineer: Wahib Medanat Consultant Engineers
Project: 1/2020/USAID/SKEP/3/1	Contractor: Derar Saraireh & sons for Engineering & Contracting
Rep no.: 3	Site:

No.	Drawing REF.	Revision	Drawing Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	R/Vis & Resubmit	Rejected	File	Site	Contractor				
1	KHD-E-022	1	General Site Plan- Lighting System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
2	KHD-E-023	1	General Site Plan- Power System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
3	KHD-E-024	1	General Site Plan- Low Current and Security System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
4	KHD-E-002	2	Ground Floor Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
5	KHD-E-003	2	First Floor Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
6	KHD-E-004	2	Second Floor Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
7	KHD-E-005	2	Roof Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
8	KHD-E-007	1	Ground Floor Plan - Power System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
9	KHD-E-008	1	First Floor Plan -Power System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
10	KHD-E-009	1	Second Floor Plan - Power System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
11	KHD-E-010	1	Roof Floor Plan -Power System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
12	KHD-E-011	1	Ground Floor Plan -Fire Alarm System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	

(Table 33: Electrical Submittals – Elect. Shop Drawings)

No.	Drawing REF.	Revision	Darwing Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Rvise & Resubmit	Rejected	File	Site	Contractor				
13	KHD-E-012	1	First Floor Plan -Fire Alarm System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
14	KHD-E-013	1	Second Floor Plan -Fire Alarm System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
15	KHD-E-025	1	Ground Floor Plan - Reflected Ceiling	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
16	KHD-E-026	1	First Floor Plan - Reflected Ceiling	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
17	KHD-E-027	1	Second Floor Plan - Reflected Ceiling	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
18	KHD-E-015	1	Ground Floor Plan -Low Current System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
19	KHD-E-016	1	First Floor Plan -Low Current System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
20	KHD-E-017	1	Second Floor Plan -Low Current System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
21	KHD-E-014	1	Roof Floor Plan -Fire Alarm System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021			X		X		X			4/2/2021	
22	KHD-E-018	1	Ground Floor Plan - Security System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021		X			X		X			4/2/2021	
23	KHD-E-019	1	First Floor Plan -Security System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021		X			X		X			4/2/2021	
24	KHD-E-020	1	Second Floor Plan - Security System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021		X			X		X			4/2/2021	
25	KHD-E-021	1	Roof Floor Plan -Security System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021		X			X		X			4/2/2021	
26	UMD-E-003 to E-038	1	Electrical Drawings	Derar Saraireh & Sons for Engineering & Contracting	11/2/2021			X		X		X			16/2/2021	
27	E-001	1	MDB-DBs	Derar Saraireh & Sons for Engineering & Contracting	16/2/2021			X		X		X			20/2/2021	

(Table 34: Electrical Submittals – Elect. Shop Drawings)

3.2 Electrical Submittals

3.2.2 Elect. Materials Submittal

Electrical Materials Submittal Tracking LOG																
Date: Feb. 2021			Supervision Engineer: Wahib Medanat Consultant Engineers													
Project: 1/2020/USAID/SKEP/3/1			Contractor: Derar Saraireh & sons for Engineering & Contracting													
Rep no.: 3			Site:													
No.	Item Type	Revision	Item Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Rvise & Resubmit	Rejected	File	Site	Contractor				
1	E-005	1	Audio-Visual and Public Address System	Derar Saraireh & sons for Engineering & Contracting	28/1/2021			X		X		X			7/2/2021	
2	E-004	1	Fire Alarm System	Derar Saraireh & sons for Engineering & Contracting	24/1/2021			X		X		X			2/2/2021	
3	E-006	1	IP CCTV	Derar Saraireh & sons for Engineering & Contracting	30/1/2021				X	X		X			2/2/2021	
4	E-008	1	Wiring Accessories	Derar Saraireh & sons for Engineering & Contracting	3/2/2021	X				X		X			6/2/2021	
5	E-009	1	MDB	Derar Saraireh & sons for Engineering & Contracting	6/2/2021			X		X		X			8/2/2021	
6	E-007	1	Lighting	Derar Saraireh & sons for Engineering & Contracting	1/2/2021			X		X		X			7/2/2021	
7	E-004	2	Fire Alarm System	Derar Saraireh & sons for Engineering & Contracting	9/2/2021			X		X		X			10/2/2021	
8	E-013	1	Structure Cabling System	Derar Saraireh & sons for Engineering & Contracting	16/2/2021			x		X		x			20/2/2021	
9	E-12	1	UPS	Derar Saraireh & sons for Engineering & Contracting	16/2/2021			X		X		X			20/2/2021	
10	E-014	1	Cable Tray	Derar Saraireh & sons for Engineering & Contracting	24/2/2021			X		X		X			25/20/2021	

(Table 35: Electrical Submittals – Elect. Materials Submittal)

Annex -3-

3.3 Mechanical Submittals

3.3.1 Mech. Shop Drawings

3.3.2 Mech. Materials Submittal

3.3 Mechanical Submittals

3.3.1 Mech. Shop Drawings

Mechanical Shop Drawings Tracking LOG																
Date:		Feb. 2021		Supervision Engineer:		Wahib Medanat Consultant Engineers										
Project:		1/2020/USAID/SKEP/3/1		Contractor:		Derar Saraireh & Sons for Engineering & Contracting										
Rep no.:		3		Site:												
No.	Drawing REF.	Revision	Darwing Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Rvise & Resubmit	Rejected	File	Site	Contractor				
1	UMD-M-005	1	Site Plan Drainage System (A,B) Um Al Dananir Basic Mixed School	Derar Saraireh & sons for Engineering & Contracting	24/01/2021			X		X		X			6/2/2021	
2	UMD-M-003	1	Basement Floor Plan Drainage System Um al Dananir Basic Mixed School	Derar Saraireh & Sons for Engineering & Contracting	24/01/2021			X		X		X			6/2/2021	
3	KHD-M-003	2	Site Plan drainage System	Derar Saraireh & Sons for Engineering & Contracting	30/01/2021			X		X		X			6/2/2021	
4	KHD-M-002	2	Ground floor plan drainage system Khadija Bint Khwailed Basic Mixed School	Derar Saraireh & Sons for Engineering & Contracting	30/01/2021			X		X		X			7/2/2021	
5	KHD-M-001	2	Water tank mechanical first fix	Derar Saraireh & Sons for Engineering & Contracting	3/2/2021		X			X		X			7/2/2021	
6	KHD-M-004	1	Site Plan Rain Water Drain	Derar Saraireh & Sons for Engineering & Contracting	26/01/2021		X			X		X			6/2/2021	
7	KHD-M-002	2	Ground floor plan drainage system Khadija Bint Khwailed Basic Mixed School	Derar Saraireh & Sons for Engineering & Contracting	15/02/2021			X		X		X			20/02/2021	
8	KHD-M-003	3	Site Plan drainage System	Derar Saraireh & Sons for Engineering & Contracting	15/02/2021			X		X		X			20/02/2021	
9	UMD-005	2	Site Plan Drainage System	Derar Saraireh & Sons for Engineering & Contracting	14/02/2021			X		X		X			17/02/2021	
10	UMD-006	1	Site Plan Rain Water Drain	Derar Saraireh & Sons for Engineering & Contracting	14/02/2021		X			X		X			17/02/2021	
11	UMD-M-001	2	Water tank mechanical first fix	Derar Saraireh & Sons for Engineering & Contracting	31/01/2021		X			X		X			8/2/2021	
12	KHS-M-001	2	Water tank mechanical first fix	Derar Saraireh & Sons for Engineering & Contracting	31/01/2021		X			X		X			8/2/2021	

(Table 36: Mechanical Submittals – Mech. Shop Drawings)

3.3 Mechanical Submittals

3.3.2 Mech. Materials Submittal

Mechanical Materials Submittal Tracking LOG																	
Date:		Feb. 2021		Supervision Engineer:		Wahib Medanat Consultant Engineer											
Project:		1/2020/USAID/SKEP/3/1		Contractor:		Derar Saraireh & sons for Engineering & Contracting											
Rep no.:		3		Site:													
No.	Item Type	Revision	Item Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes	
						Approved	Approved as Noted	R/wise & Resubmit	Rejected	File	Site	Contractor					
1	M-019	1	LPG System and gas leak detection System	Derar Saraireh & sons for Engineering & Contracting	24/01/2021			X		X		X			4/2/2021		
2	M-002	2	Cast iron hot water Boiler	Derar Saraireh & sons for Engineering & Contracting	24/01/2021			X		X		X			3/2/2021		
3	M-011	2	Pex Pipe and Fittings manifold	Derar Saraireh & sons for Engineering & Contracting	24/01/2021		X			X		X			3/2/2021		
4	M-006	2	Black Steel and galvanized steel pipe	Derar Saraireh & sons for Engineering & Contracting	24/01/2021		X			X		X			10/2/2021		
5	M-018	1	Sanitary fixtures and mixers	Derar Saraireh & sons for Engineering & Contracting	23/01/2021			X		X		X			4/2/2021		
6	M-20	1	Fans	Derar Saraireh & sons for Engineering & Contracting	26/01/2021			X		X		X			4/2/2021		
7	M-21	1	Pipes and Duct Insulation	Derar Saraireh & sons for Engineering & Contracting	26/01/2021			X		X		X			4/2/2021		
8	M-22	1	Air Volum Dumper	Derar Saraireh & sons for Engineering & Contracting	26/01/2021				X	X		X			4/2/2021		
9	M-23	1	Air Outket	Derar Saraireh & sons for Engineering & Contracting	26/01/2021			X		X		X			4/2/2021		
10	M-25	1	Pumps	Derar Saraireh & sons for Engineering & Contracting	26/01/2021			X		X		X			4/2/2021		
11	M-26	1	AC Split Unit	Derar Saraireh & sons for Engineering & Contracting	26/01/2021			X		X		X			4/2/2021		
12	M-27	1	Expantion Vessel Automatic Air Seperator	Derar Saraireh & sons for Engineering & Contracting	26/01/2021			X		X		X			4/2/2021		

(Table 37: Mechanical Submittals – Mech. Materials Submittal)

No.	Item Type	Revision	Item Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Revise & Resubmit	Rejected	File	Site	Contractor				
13	M-28	1	Concrete Ring Manhole	Derar Saraireh & sons for Engineering & Contracting	26/01/2021			X		X		X			4/2/2021	
14	M-29	1	Stanless steel floor cover and floor clean out	Derar Saraireh & sons for Engineering & Contracting	30/01/2021		X			X		X			7/2/2021	
15	M-30	1	Roof vent Cowl	Derar Saraireh & sons for Engineering & Contracting	30/01/2021				X	X		X			6/2/2021	
16	M-29	1	Stanless steel floor cover and floor clean out	Derar Saraireh & sons for Engineering & Contracting	30/01/2021		X			X		X			8/2/2021	
17	M-30	1	Roof vent Cowl	Derar Saraireh & sons for Engineering & Contracting	30/01/2021				X	X		X			6/2/2021	
18	M-31	1	Guily Trap	Derar Saraireh & sons for Engineering & Contracting	30/01/2021			X		X		X			6/2/2021	
19	M-32	1	Roof Drain	Derar Saraireh & sons for Engineering & Contracting	30/01/2021		X			X		X			6/2/2021	
20	M-02	2	Cast Iron Radiator	Derar Saraireh & sons for Engineering & Contracting	31/01/2021			X		X		X			7/2/2021	
21	M-12	2	CPVC condensate drain pipes	Derar Saraireh & sons for Engineering & Contracting	31/01/2021			X		X		X			9/2/2021	
22	M-12/01	2	Polyproplene Pipe	Derar Saraireh & sons for Engineering & Contracting	01/02/2021				X	X		X			7/2/2021	
23	M-13	2	Water Valves	Derar Saraireh & sons for Engineering & Contracting	31/01/2021			X		X		X			7/2/2021	
24	M-14	2	Electric Water Heater	Derar Saraireh & sons for Engineering & Contracting	31/01/2021			X		X		X			6/2/2021	
25	M-24	1	Float Valve	Derar Saraireh & sons for Engineering & Contracting	04/02/2021				X	X		X			7/2/2021	
26	M-4	2	Firehose Cabinet & fire Extinguisher	Derar Saraireh & sons for Engineering & Contracting	25/01/2021			X		X		X			4/2/2021	

(Table 38: Mechanical Submittals – Mech. Materials Submittal)

No.	Item Type	Revision	Item Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Revise & Resubmit	Rejected	File	Site	Contractor				
27	M-33	1	Water and Heating Manifold Cabinet	Derar Saraireh & sons for Engineering & Contracting	04/02/2021				X	X		X			09/02/201	
28	M-36	1	Concrete Ring Manhole	Derar Saraireh & sons for Engineering & Contracting	17/02/2021		X			X		X			20/02/2021	
29	M-25	2	Pumps	Derar Saraireh & sons for Engineering & Contracting	16/02/2021			X		X		X			20/02/2021	
30	M-14	3	Electric Water Heater	Derar Saraireh & sons for Engineering & Contracting	15/02/2021		X			X		X			20/02/2021	
31	M-019	2	LPG System and gas leak detection System	Derar Saraireh & sons for Engineering & Contracting	23/02/2021			X		X		X			25/02/2021	
32	M-12	3	CPVC condensate drain pipes	Derar Saraireh & sons for Engineering & Contracting	22/02/2021		X			X		X			25/02/2021	
33	M-002	3	Cast iron hot water Boiler	Derar Saraireh & sons for Engineering & Contracting	23/02/2021			X		X		X			25/02/2021	
34	M-26	2	AC Split Unit	Derar Saraireh & sons for Engineering & Contracting	23/02/2021			X		X		X			28/02/2021	
35	M-12/01	3	Polyproplene Pipe	Derar Saraireh & sons for Engineering & Contracting	22/02/2021											Under Review
36	M-11	3	Pex Fitting and Manifold	Derar Saraireh & sons for Engineering & Contracting	25/02/2021		X			X		X			28/02/2021	
37	M-13	3	Water Valve	Derar Saraireh & sons for Engineering & Contracting	25/02/2021			X		X		X			28/02/2021	
38	M-27	2	Pressure Tank	Derar Saraireh & sons for Engineering & Contracting	24/02/2021			X		X		X			28/02/2021	
39	M-27	2	Air and Dirt Seperator	Derar Saraireh & sons for Engineering & Contracting	24/02/2021			X		X		X			28/02/2021	

(Table 39: Mechanical Submittals – Mech. Materials Submittal)

Annex -3-

3.4 Civil Submittals

3.4.1 Civil Shop Drawings

3.4.2 Civil Materials Submittal

3.4 Civil Submittals

3.4.1 Civil Shop Drawings

Civil Shop Drawings Tracking LOG																
Date: Feb. 2021			Supervision Engineer: Wahib Medanat Consultant Engineers													
Project: 1/2020/USAID/SKEP/3/1			Contractor: Derar Saraireh & sons for Engineering & Contracting													
Rep no.: 3			Site:													
No.	Drawing REF.	Revision	Darwing Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Revise & Resubmit	Rejected	File	Site	Contractor				
Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia																
1	steel work	1	single foundation steel	eng . Anas shdifat	25/12/2020		X				X	X			25/12/2020	
2	steel work	1	raft foundation steel	eng . Anas shdifat	2/1/2021				X		X	X			2/1/2020	
3	steel work	2	raft foundation steel	eng . Anas shdifat	14/1/2021		X				X	X			14/1/2021	
4	steel work	1	Tie beam steel	eng . Anas shdifat	16/1/2021			X			X	X			2/1/2021	
5	steel work	1	Tie beam steel	eng . Anas shdifat	1/2/2021	X					X	X			2/2/2021	
6	steel work	1	walls under SOG	eng . Anas shdifat	4/2/2021		X				X	X			10/2/2021	
7	steel work	2	Columns	eng . Anas shdifat	15/2/2021		X				X	X			18/2/2021	
8	steel work	1	Boundary walls	eng . Anas shdifat	19/2/2021		X				X	X			22/2/2021	

(Table 40: Civil Submittals – Civil Shop Drawings)

No.	Drawing REF.	Revision	Darwing Name	Received From	Date Received	Status					Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Revised & Resubmitted	Rejected	File	Site	Contract or					
Um-Aldananir Basic Mixed School- Balqa																	
9	Skep/3/1UMD-DSS-SHD-001	0	footing (RF1 TO RF5)+ walls/columns under SOG (s16+s17)	DSS-Eng .Omar	10/1/2021			X			X	X			13/1/2021		
10	Skep/3/1UMD-DSS-SHD-002	1	footing shop drawing RF1 / RF2/ RF5	DSS-Eng .Omar	14/1/2021		X				X	X			17/1/2021		
11	Skep/3/1UMD-DSS-SHD-002	1	footing shop drawing RF3	DSS-Eng .Omar	17/1/2021		X				X	X			21/1/2021		
12	Skep/3/1UMD-DSS-SHD-002	1	shop drawing steel reinforcement top and bottom RF4	DSS-Eng .Omar	18/1/2021			X			X	X			23/1/2021		
13	Skep/3/1UMD-DSS-SHD-002	1	columns neck+stirrups under SOG	DSS-Eng .Omar	20/1/2021			X			X	X			23/1/2021		
14	Skep/3/1UMD-DSS-SHD-002	2	columns neck+stirrups under SOG	DSS-Eng .Omar	24/1/2021	X					X	X			24/1/2021		
15	Skep/3/1UMD-DSS-SHD-002	2	steel reinforcement W4 +S13+S12	DSS-Eng .Omar	27/1/2021		X				X	X			27/1/2021		
16	Skep/3/1UMD-DSS-SHD-002	1	wall reinforcement for S13,S12,W4	DSS-Eng .Omar	24/1/2021			X			X	X			26/1/2021		
17	Skep/3/1UMD-DSS-SHD-002	2	steel reinforcement top and bottom RF4	DSS-Eng .Omar	24/1/2021		X				X	X			26/1/2021		
18	Skep/3/1UMD-DSS-SHD-002	1	steel reinforcement S3-S2-S5-S4	DSS-Eng .Omar	28/1/2021		X				X	X			31/1/2021		
19	Skep/3/1UMD-DSS-SHD-002	1	steel reinforcement w1+w2+w3+core 2+core3+core4	DSS-Eng .Omar	27/1/2021		X				X	X			30/1/2021		
20	Skep/3/1UMD-DSS-SHD-002	1	Shop drawing steel reinforcement for walls (s21, s22 s23 s24 s10 s11)	DSS-Eng .Omar	25/1/2021		X				X	X			30/1/2021		
21	Skep/3/1UMD-DSS-SHD-002	1	Wall reinforcement for (S6 , W1, W2, W5, S14 , S15 , S7 , S8 , S9)	DSS-Eng .Omar	23/1/2021			X			X	X			28/1/2021		
22	Skep/3/1UMD-DSS-SHD-002	1	STEEL REINFORCEMET S(18-19-20-25-22-21)	DSS-Eng .Omar	28/1/2021		X				X	X			1/2/2021		

(Table 41: Civil Submittals – Civil Shop Drawings)

No.	Drawing REF.	Revision	Darwing Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Revised & Resubmitted	Rejected	File	Site	Contractor				
23	Skep/3/1UMD-DSS-SHD-002	2	steel reinforcement S(6+7+8+9+14+15)AND W1+W2+W5	DSS-Eng .Omar	28/1/2021		X				X	X			28/1/2021	
24	Skep/3/1UMD-DSS-SHD-002	1	steel reinforcement for walls on axis 7-8 (core 3) and on axis 2 (core 1)	DSS-Eng .Omar	31/1/2021		X				X	X			31/1/2021	
25	Skep/3/1UMD-DSS-SHD-002	1	steel reinforcement S16-S17	DSS-Eng .Omar	30/1/2021		X				X	X			31/1/2021	
26	Skep/3/1UMD-DSS-SHD-003	0	steel reinforcement for TB Under SOG at level 96.75 +97.35	DSS-Eng .Omar	2/2/2021		X				X	X			2/2/2021	
27	Skep/3/1UMD-DSS-SHD-004	0	steel reinforcement for SOG on X and Y direction	DSS-Eng .Mahmoud	3/2/2021			X			X	X			6/2/2021	
28	Skep/3/1UMD-DSS-SHD-004	1	steel reinforcement for SOG on X and Y direction	DSS-Eng .Malak	7/2/2021			X			X	X			7/2/2021	
29	Skep/3/1UMD-DSS-SHD-004	2	steel reinforcement for SOG on X and Y direction	DSS-Eng .Malak	7/2/2021		X				X	X			7/2/2021	
30	Skep/3/1UMD-DSS-SHD-005	0	steel reinforcement for columns from Basement floor to H/2 Ground floor	DSS-Eng .Malak	4/2/2021			X			X	X			8/2/2021	
31	Skep/3/1UMD-DSS-SHD-007	0	steel reinforcement for TB on level 101.85	DSS-Eng .Malak	8/2/2021		X				X	X			14/2/2021	
32	Skep/3/1UMD-DSS-SHD-006	0	steel reinforcement for cores and shear walls from basement floor to H/2 Ground floor	DSS-Eng .Malak	7/2/2021		X				X	X			16/2/2021	
33	Skep/3/1UMD-DSS-SHD-005	1	steel reinforcement for columns from Basement floor to H/2 Ground floor	DSS-Eng .Omar	8/2/2021		X				X	X			14/2/2021	
34	Skep/3/1UMD-DSS-SHD-008	0	steel reinforcement for SOG(x-y direction) on level 101.85	DSS-Eng .Omar	15/2/2021		X				X	X			16/2/2021	
35	Skep/3/1UMD-DSS-SHD-009	0	steel reinforcement for beams on basement slab 1-17	DSS-Eng .Omar	16/2/2021		X				X	X			23/2/2021	
36	Skep/3/1UMD-DSS-SHD-009	0	steel reinforcement for ribs on basement slab 1-17	DSS-Eng .Omar	24/2/2021						X	X				Under Review

(Table 42: Civil Submittals – Civil Shop Drawings)

No.	Drawing REF.	Revision	Darwing Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Rvise & Resubmit	Rejected	File	Site	Contractor				
37	1	0	Excavations Levels for Boundary walls	Contractor project Eng.	30/12/2020	X					X	X			31/12/2020	
38	2	0	Steel Reinforcement for raft foundation (F-3)	Contractor project Eng.	31/12/2020				X		X	X			2/1/2021	
39	2	1	Steel Reinforcement for raft foundation (F-3)	Contractor project Eng.	3/1/2021		X				X	X			5/1/2021	
40	3	0	Steel Reinforcement for raft foundation (F-4)	Contractor project Eng.	31/12/2020				X		X	X			2/1/2021	
41	3	1	Steel Reinforcement for raft foundation (F-4)	Contractor project Eng.	4/1/2021		X				X	X			6/1/2021	
42	4	0	Steel Reinforcement for raft foundation (F-5)	Contractor project Eng.	31/12/2020				X		X	X			2/1/2021	
43	4	1	Steel Reinforcement for raft foundation (F-5)	Contractor project Eng.	3/1/2021	X					X	X			6/1/2021	
44	5	0	Additional Steel Reinforcement for raft foundations (F-3), (F-4) and(F-5)	Contractor project Eng.	4/1/2021		X				X	X			6/1/2021	
45	6	0	Steel Reinforcement for Single Footings 1,2,6,7 and Combined footing 8	Contractor project Eng.	4/1/2021		X				X	X			6/1/2021	
46	7	0	Steel Reinforcement for retaining wall sec 3 perpendicular to the sec 2 and sec 4 which connected with boundary wall 5 (Footing & wall reinforcement)	Contractor project Eng.	13/02/2021	X					X	X			13/02/2021	
47	8	0	Excavation level for the boundary wall section 3	Contractor project Eng.	2/1/2021		X				X	X			4/1/2021	
48	9	0	Excavation level for the boundary wall section 4	Contractor project Eng.	2/1/2021	X					X	X			4/1/2021	
49	10	0	Steel Reinforcement for the boundary wall 3 (Footing & wall reinforcement)	Contractor project Eng.	4/1/2021				X		X	X			6/1/2021	

(Table 43: Civil Submittals – Civil Shop Drawings)

No.	Drawing REF.	Revision	Darwing Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Rvise & Resubmit	Rejected	File	Site	Contractor				
50	10	1	Steel Reinforcement for the boundary wall 3 (Footing & wall reinforcement)	Contractor project Eng.	09/01/2021		X				X	X			10/1/2021	
51	11	0	Excavation level for footings of school building	Contractor project Eng.	3/1/2021	X					X	X			4/1/2021	
52	12	0	Steel Reinforcement for the boundary wall 4 (Footing & wall reinforcement)	Contractor project Eng.	09/01/2021				X		X	X			10/1/2021	
53	12	1	Steel Reinforcement for the boundary wall 4 (Footing & wall reinforcement)	Contractor project Eng.	12/01/2021	X					X	X			12/1/2021	
54	13	0	Steel Reinforcement for the boundary wall 2 - part 1 (Footing & wall reinforcement)	Contractor project Eng.	16/01/2021	X					X	X			16/01/2021	
55	14	0	Steel Reinforcement for the boundary wall 2 - part 2 (Footing & wall reinforcement)	Contractor project Eng.	03/02/2021		X				X	X			03/02/2021	
56	15	0	Steel Reinforcement for retaining wall sec 10 that connected to boundary wall 2- part 2 (Footing & wall reinforcement)	Contractor project Eng.	03/02/2021	X					X	X			03/02/2021	
57	16	0	Steel Reinforcement for retaining wall sec 4 which conneced with boundary wall 5 (Footing & wall reinforcement)	Contractor project Eng.	10/02/2021		X				X	X			10/02/2021	
58	17	0	Steel Reinforcement for the boundary wall 5 - part 1 (Footing & wall reinforcement)	Contractor project Eng.	07/02/2021		X				X	X			07/02/2021	
59	18	0	Steel Reinforcement for the boundary wall 2 - part 3 (Footing & wall reinforcement)	Contractor project Eng.	07/02/2021		X				X	X			07/02/2021	
60	19	0	Steel Reinforcement for retaining wall sec 2 which conneced with boundary wall 5 (Footing & wall reinforcement)	Contractor project Eng.	10/02/2021		X				X	X			10/02/2021	
61	20	0	Steel Reinforcement for the boundary wall 5 - part 2 (Footing & wall reinforcement)	Contractor project Eng.	11/02/2021				X		X	X			11/02/2021	
62	20	1	Steel Reinforcement for the boundary wall 5 - part 2 (Footing & wall reinforcement)	Contractor project Eng.	13/02/2021	X					X	X			13/02/2021	
63	21	0	Steel Reinforcement for retaining wall sec 5 which conneced with boundary wall 5 (Footing & wall reinforcement)	Contractor project Eng.	11/02/2021	X					X	X			13/02/2021	
64	22	0	Steel Reinforcement for retaining wall sec 1 which conneced with boundary wall 5 (Footing & wall reinforcement)	Contractor project Eng.	13/02/2021	X					X	X			13/02/2021	
65	23	0	Steel Reinforcement for boundary wall 5 part 3 (Footing & wall reinforcement)	Contractor project Eng.	21/02/2021		X				X	X			21/02/2021	
66	24	0	Steel Reinforcement for septic tank (Footing & columns reinforcement)	Contractor project Eng.	24/02/2021	X					X	X			24/02/2021	

(Table 44: Civil Submittals – Civil Shop Drawings)

3.4 Civil Submittals

3.4.2 Civil Materials Submittal

Civil Materials Submittal Tracking LOG

Date: Feb. 2021	Supervision Engineer: Wahib Medanat Consultant Engineer
Project: 1/2020/USAID/SKEP/3/1	Contractor: Derar Saraireh & sons for Engineering & Contracting
Rep no.: 3	Site:

No.	Item Type	Revision	Item Name	Received From	Date Received	Status				Copies Delivered To			Specified Date for Submission	Max Date	Date of Response	Notes
						Approved	Approved as Noted	Rvise & Resubmit	Rejected	File	Site	Contractor				
1	C-001	1	Bituminous Waterproofing	Derar Saraireh & sons for Engineering & Contracting	01/12/2020	X				X		X			5/12/2020	
2	LT-C-001	1	Ready Concrete Mix Design	Derar Saraireh & sons for Engineering & Contracting	01/12/2020	X				X		X			2/12/2020	
3	C-002	1	Polypropylene Corrugated Sheet Waterproofing	Derar Saraireh & sons for Engineering & Contracting	03/12/2020	X				X		X			5/12/2020	
4	C-004	1	Concrete Blocks	Derar Saraireh & sons for Engineering & Contracting	07/12/2020		X			X		X			12/12/2020	
5	C-005	1	Extruded Polystyrene	Derar Saraireh & sons for Engineering & Contracting	05/01/2021		X			X		X			10/1/2021	
6	C-006	1	PVC Water Stop 250 mm	Derar Saraireh & sons for Engineering & Contracting	24/01/2021		X			X		X			26/01/2021	
7	C-007	1	Expansion Joint filter	Derar Saraireh & sons for Engineering & Contracting	24/01/2021		X			X		X			26/01/2021	
8	C-008	1	Tie Rod Grout Filler	Derar Saraireh & sons for Engineering & Contracting	30/01/2021		X			X		X			4/2/2021	
9	C-009	1	Backing Rod	Derar Saraireh & sons for Engineering & Contracting	30/01/2021	X				X		X			4/2/2021	
10	C-010	1	Epoxy Insulation	Derar Saraireh & sons for Engineering & Contracting	30/01/2021		X			X		X			4/2/2021	
11	C-012	1	Repair material	Derar Saraireh & sons for Engineering & Contracting	30/01/2021	X				X		X			4/2/2021	
12	C-013	1	Expansion Joint Sealent	Derar Saraireh & sons for Engineering & Contracting	30/01/2021	X				X		X			4/2/2021	
13	C-017	1	Cementitious Waterproofing Membrane	Derar Saraireh & sons for Engineering & Contracting	13/02/2021		X			X		X			16/02/2021	
14	C-018	1	Bonding agent	Derar Saraireh & sons for Engineering & Contracting	13/02/2021	X				X		X			16/02/2021	
15	C-019	1	Epoxy (LokFix DUR)	Derar Saraireh & sons for Engineering & Contracting	13/02/2021	X				X		X			16/02/2021	
16	C-023	1	Non-toxic epoxy waterproof (Paint)	Derar Saraireh & sons for Engineering & Contracting	15/02/2021	X				X		X			17/02/2021	

(Table 45: Civil Submittals – Civil Materials Submittal)

Annex -4-

Site Visit Reports & Meetings

- 4.1 Coordination & Progress Meetings
- 4.2 Site Visits

Annex -4-

4.1 Coordination & Progress Meetings

Roll out of Medanat SKEP III Website on Jan 21, 2021 – Wahib Medanat Office
(Refer to Table 2. Coordination & Progress Meetings – Page 17)

Minutes of Meeting

Subject: Roll out of Medanat SKEP III Website

Location: Wahib Medanat Consultant Engineers Office

Date: February 21, 2021

Time: 10:00 a.m.

Present:

1. Lana Arijj, MPWH
2. Ola nababteh, MPWH
3. Tareq Rashdan, USAID
4. Michael MCGovern, CMTO
5. Maysoon Al-Hyari, CMTO
6. Osama Obeid, CMTO
7. Alaa Aldeeri, CMTO
8. Odai Tawalbeh, CMTO
9. Nisreen Shunnar, UNOPS
10. Huda Badghaish, UNOPS
11. Safa Al-Julani, UNOPS
12. Nour Al-Karmi, UNOPS
13. Muhammad Khalil, UNOPS
14. Zeina Othman, UNOPS
15. Shaun McNally, ESMP
16. Gassan Hemsy, ESMP
17. Njida Hanahneh, ESMP
18. Inam Abu Zaid, ESMP
19. Fadwa Abu Ghaida, Mostaqbal
20. Hashem Al-faqih, Bitar Consultants
21. Jumana Al-Hassani, Bitar Consultants
22. Wahib Medanat, Medanat Office
23. Suhair Amarin, Medanat Office
24. Natheer Amarin, Medanat Office
25. Hasan Shaqboua, Medanat Office
26. Sawsan Al-Yousef, Medanat Office
27. Mahmoud Mughannam, Medanat Office
28. Firas Oudah, Derar Saraireh Contr.
29. Yousef abu zneimeh, Derar Saraireh Contr.
30. Omar Abu Hammur, Derar Saraireh Contr.

The Purpose of the meeting is to roll out Medanat SKEP III Website, giving a brief presentation about its main goals, the helpful data and documents it will provide, and the benefits of moving into the electronic formats and filing system.

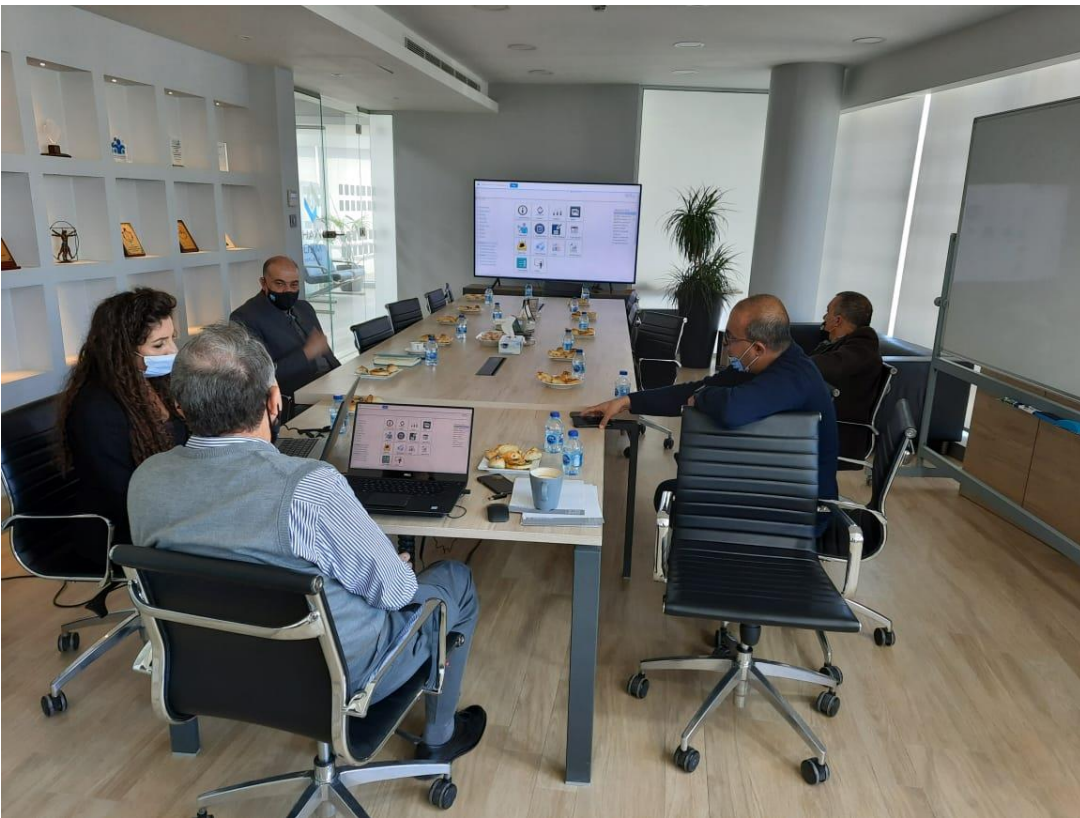
The movement of construction management (CM) communications, activity operational and control documentation to electronic formats and filing systems and away from antiquated hard copy systems:

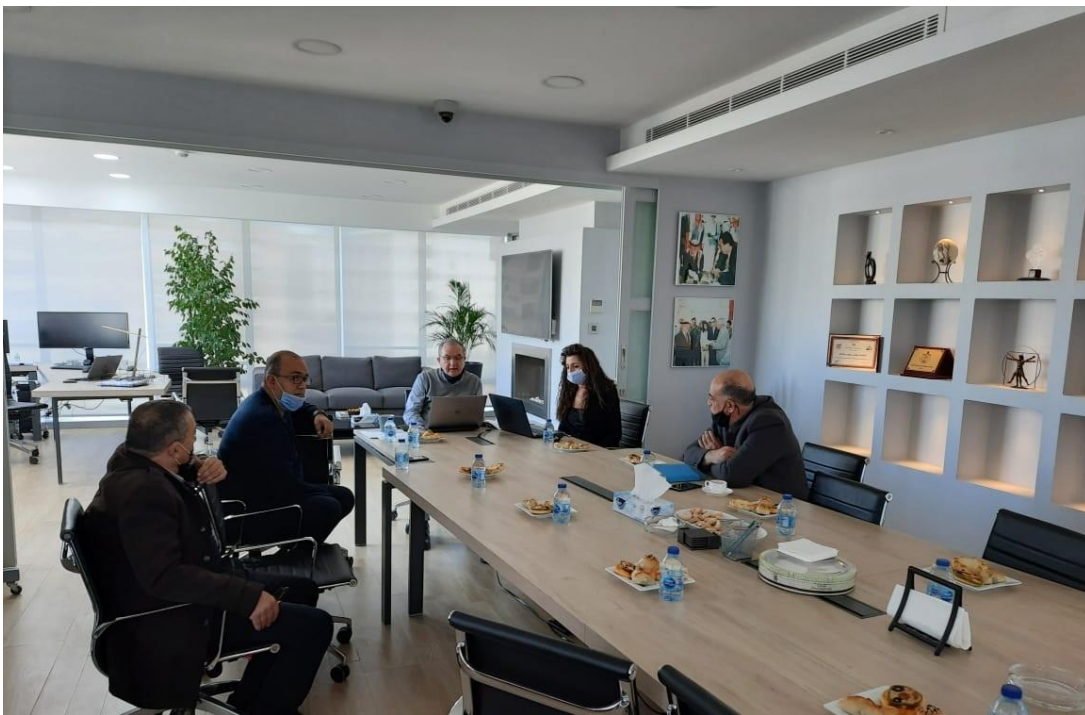
- 1- **Saving Time:**
Using shared electronic file management and storage systems allows immediate access to data rather than waiting for hard copies to be sent and transmitted through couriers and the post. It also means that Architects, Engineers and others don't waste time making photocopies of hard copies. The time to review and approve documents is also reduced as Architects and Engineers and others have real time access to documents on their computers all the time;
- 2- **Saves Money:**
Using electronic files and documents means many fewer file cabinets, bookshelves, notebooks, copy machines, staples, hole-punchers, pens, pencils and less paper. All the time that Architects and Engineers and others take working to copy and file hard copy is also expensive and this time represents wasted money;
- 3- **Improves Overall Teamwork and CM Coordination:**
It also makes it easy to copy and disseminate information to many more people on the team in many locations quickly and effectively;
- 4- **Helps Architects and Engineers Reduce COVID-19 Disease Transmission:**
Architects and Engineers can take their computers home and still have access to CM and CA documentation that is on the cloud. With hard copies, they have to take files home with them or if they forget them or don't take all the files they need they can't work at home; and
- 5- **Increases General Accuracy of All CM/CA Work:**
At the site and in the office, working on MS WORD, MS EXCEL, MS ACCESS and in other scheduling software brings computational accuracy to work. It means daily, weekly and monthly reports, submittals, RFIs, and other contract documentation that anyone can more easily read rather than trying to read someone's poor handwriting. Calculators are no longer needed. This is also a time and money saver.
- 6- Street to help the Contractor staff and our staff.
- 7- Eliminate the need to keep files.
- 8- A way we can track Non-Conformances- what is the latest action.
- 9- This is also Document Controller System.
- 10- To provide Furniture-Use it to develop their plan- JSEP IV example.

This type of on-line, real time, CM system is the next step to today's best practice, vertical structure management systems known as Building Information Management (BIM) systems.



Roll out of
Medanat
SKEP III
Website
(Virtual)





Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



**WAHIB
MEDANAT**
consultant engineers
مهندسون استشاريون

Location: Zoom Meeting
Date: February 24, 2021
Time: 10:00
Present:

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

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

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

Package 1

1. Project Description

- 1.1. Mahmoud gave a brief about Package 1 sites.

2. Progress Review

- 2.1 Wahib gave a brief about the Contract Duration and Commencement Date, and a comparison a comparison between February actual and planned progress.
- 2.2 Wahib stated that the cumulative and Monthly progress in both Khadija Bint Khwailed school and Um Aldananir school are within the scheduled, but there is a delay at School Al-Khansa' School by 4.35%.

3. Site borders, boundary walls and soil investigation

RE gave a brief about the Executed works at each site

Unsolved obstacles:

- 3.1 The soil investigation at Al Kahansa' School finished on 11/02/2021 waiting the report from ACES, Designer assessment, and accordingly, to

1

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



**WAHIB
MEDANAT**
consultant engineers
مهندسون | استشاريون

start the footings excavations.

- 3.2 The plot limits problem at Khadija School -existing boundary wall.
- 3.3 The plot limits Um Al Dananir School.
- 3.4 The Contractor said:
 - Khadija School: the Designer recommended to demolish the existing boundary wall at this school, but this is not easy because the neighbor is out of the country recently, and the Contractor requested to agree on the Designer's second alternative, which allow to keep the existing wall and construct the new retaining wall close to the existing one.
 - Um Al Dananir: the Contractor focused on the utilities at the street which partially pass inside the site borders, which must be taken in consideration in the solution that will be suggested.
 - Al Khansa'a: the Contractor requested to expedite the soil investigation results from ACES so that he can pour blinding concrete for footings, after approval by Designer.
- 3.5 Basema said Khadija regardless the existing boundary wall lays inside the site borders, we must abide by the design drawings, unless there is a conflict with the footings of the boundary wall, Maysoon asked about the section of the retaining wall as design drawings, the answer by Natheer was that the section is L section, so Maysoon commented that no need to excavate in the neighbor's land.
- 3.6 Natheer said the existing boundary wall lays inside the site borders, and this is clear in the design drawings, but the footing of the existing wall is above the FFL by 2.6m. The Designer recommended to demolish the existing wall and construct the new wall at its location coordinate with the neighbor (which is not possible) therefore we sent to the Employer all the documents for instructions.
- 3.7 Basema said we contacted with MOE engineer about this and he promised within two days they will try to obtain an order by the Governor to demolish the existing wall which we prefer for safety issues especially that the existing wall is not stable and made of block, otherwise we will go with constructing the retaining wall close to it as per the drawings.
- 3.8 Wahib said the best solution is to construct the retaining wall close to the existing, and all parties prefer this solution.

4. Status of Submittals:

- 4.1 The submittal tracking sheet which shows the materials submittals status

2

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



and percentages for all section Architectural, Electrical, and Mechanical presented by RE.

- 4.2 Suhair commented that as per the Contract all submittals should be completed at this stage, the Contractor has been notified to accelerate materials submittals for Engineer review & approval.

Package 2

1. Project Description

Sawsan gave a description for the project, she clarified that it consists of three construction sites as follows:

- 1.1 The largest building is Jumana School, consists of 23 classrooms, 4 KG rooms. The estimated number of students is 924, cost /m² is 545.11 JD and cost/ student is 3221.12 JD.
- 1.2 Hay Al Iskan School consists of 23 classrooms and 2 KG rooms. The estimated number of students is 876, cost /m² is 488.50 and cost/ student is 3067.17 JD.

2. 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 are implemented in all of the project sites.

3. Site Borders, Boundary Walls and Soil Investigation

- 3.1. Sawsan stated that plot limit at Thahr Al Sarow School and regulatory street are the site obstacles.
- 3.2. Pending issue is the mock up rooms in Jumana School.
- 3.3. Amer confirmed what stated above.

4. Progress Review

- 4.1. Wahib diagram for time report which includes Commencement, start and finish dates for the project.
- 4.2. Graphs showing the elapsed time for each site, cash flow for the package, advanced payment and interim payment no.1.
- 4.3. CPM, a diagram showing the comparison between the accumulative actual progress (19.40%) for the whole package which relatively the same of the planned percentage (20.20 %).

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



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- Jumana School: actual monthly progress is 9.92 %, the planned percentage is 3.4 %. Actual accumulative progress is 20%, the planned percentage 20.2%.
 - Hay Al Iskan School: actual monthly progress is 9.86 %, the planned percentage is 3.4 %. Actual accumulative progress is 19.20%, the planned percentage 20.2%.
 - Thahr Al Sarow School: actual monthly progress is 10.02 %, the planned percentage is 3.4 %. Actual accumulative progress is 19 %, the planned percentage 20.2%.
- 4.4. Wahib stated that till now there are no approved time extensions, Sawsan added that the Contractor submitted already requests in this regard and he is requested to submit the supportive documents for his claim.

5. Submitted Materials

- 5.1 Sawsan stated the total percentage of the submitted materials is 60% and as follows, for architectural 68 %, mechanical 21.42 % and electrical 66.67 %. She added that it is obvious that there is a delay in the submission of mechanical materials, which will affect the progress of the project, Suhair agreed and confirmed that the Contractor did not submit any mechanical or architectural materials for the Engineer's review and approval since two months.
- 5.2 Suhair asked Amer for an explanation for the said delay, Amer answered that the Contractor submitted materials and they were rejected and asked not to consider the rejected materials as if they are not submitted. He also added that, the some nominated manufactures in the vendor list do not have the materials that meet the specifications such as the galvanized pipes, which should be bought by the nominated manufacture as steel pipes and then perform the galvanizing process by other manufactures, he confirmed that nobody can give him a guarantee for such a work. He confirmed that this a risk for all parties. Natheer said that there would be no problem in this work since there are experienced companies in this field.
- 5.3 Suhair clarified that the main thing is the submitted materials shall meet the specifications and comply with the vendor list. She also mentioned that this will lead to a delay in the submission of the shop drawings and accordingly the coordinate drawings.
- 5.4 Suhair stated that the total number of the mechanical materials to be submitted to the Engineer is 46 and the submitted number is 28. Amer said that several meetings were held in this regard since in our point of

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



view the materials that stated in the vendor list and the specifications do not match with the Jordanian Building Code or the MPWH regulations.

- 5.5 Tarek asked Amer, if the Contractor is abiding with the specifications in the mechanical submittals, he added this issue was discussed in the previous progress meeting and the Contractor was requested to abide by the specifications. Amer answered that some of the specifications are not applicable for the previously mentioned reasons.
- 5.6 Tarek clarified that the Tender Documents and the specifications are approved by MPWH and the designer, if any issue arises, it should be sent by RFI but not a substitution of the materials. Amer said that the Contractor would like to have the chance to discuss this issue with all parties.
- 5.7 Maysoun said that she agrees totally with Eng. Tarek and confirmed that if the materials are submitted according to Vendor list, it will save a lot of time and any related delay will be avoided. Why should we spend time on this issue since the Vendor List and the Contract Documents are clear? She added that the materials are available in the market and the Contractor has more than one choice as indicated in the Vendor List, this issue is discussed in the previous meeting (since a month!), these specifications are agreed upon by MPWH and USAID, why should we go further with such a discussion!
- 5.8 Suhair to Amer, if you submitted all the required materials and then it is found out that there is a major problem in three or four materials, and then we will take the necessary actions and contact all the project parties in this regard to get this matter solved.
- 5.9 Natheer stated that the designer response regarding the galvanized pipes is to abide by the specifications. Suhair confirmed this recommendation.
- 5.10 Wahib stated that this not the Engineer's problem, the Contract price in the Contract is according to the vendor list and they should abide with the Designer recommendations.
- 5.11 Muhanned clarified that several meetings were held concerning the mechanical items, Medanat helped in solving some problems. He also added that it is true that the specifications are approved by USAID and MPWH but we could not avoid the truth that some of the nominated manufacturers do not exist in the market, Medanat cooperate with us to find solutions for such arising issues but it is not the Engineer's duties to modify the Contract. He also stated that Sawsan and Suhair know that such issues were solved based upon the site meetings in the presence of

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



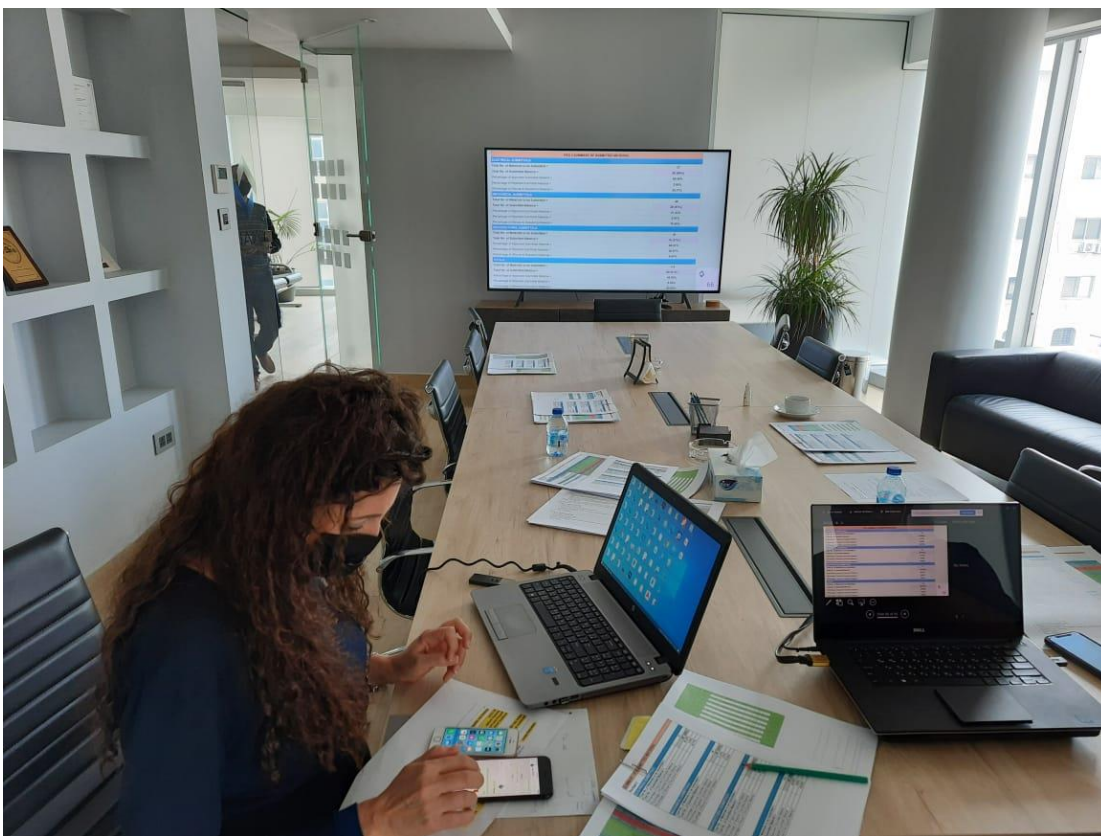
Natheer. We commit that within two weeks most of the pending issues will be solved noting that the rejected materials could not be considered as not submitted materials.

- 5.12 Basema said the other Contractor started to send letters regarding the mechanical materials indicated in the Vendor List and added MPWH is flexible and if the Engineer recommends that some specifications could not be achieved, MPWH will go with such a recommendation.





Februray
Monthly
Progress
meeting- Wahib
Medanat Office
(Virtual





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

Annex -4-
4.2 Site Visits

Site visit on Feb 13, 2021 – Khadija Bint Khwailed Basic Mixed School- Al Shona Al Janobia- (Refer to Table 3. Site Visits – Page 18)



SKEP III

Site Visit Report

WAHIB MEDANAT
consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	019
Contractor	Derar Saraireh & Sons for Engineering & Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
Site Name	Khadija Bint khwailed Basic Mixed School	Day/ Date	Sat. 13/02/2021
Duration of Project	450 Calendar Days	Total Project Budget	9,789,417.840 JD

No.	Visitors		Remarks
1	Suhair Amarin	Project Dir.	
2	Akram Khammes	Electrical Eng.	
3	Marwan Sonna'a	Mech. Eng.	
4	Wahib Medanat	General Manager	
Visit Notes			
No.	Description		
1	Follow up the execution of the footing waterproofing and backfilling material.		
2	Discussing the situation of existing boundary wall for neighbors and discussing designer reply on the RFI, a letter to be send to Employer for instructions		
3	Discussing the safety issues		
4	The contractor was requested to speed up shop drawings and material submittals to avoid any delay.		
Attached			
<input type="checkbox"/> 1:			

1

- CC: Project Director
-

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khwailed 019\3626].docx
Form # QP SUP 01-18, Rev.1

Site visit on Jan 27, 2021 – Al Khansa’ Basic Mixed School Al-Balqa-
(Refer to Table 3. Site Visits – Page 18)



**WAHIB
MEDANAT**
consultant engineers



SKEP III

Site Visit Report

Consultant	Wahib Medanat Consultant Engineer	Rep No.	020
Contractor	Derar Saraireh & Sons for Engineering & Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
Site Name	Al Khansa'a Basic Mixed School	Day/ Date	Sat. 13/02/2021
Duration of Project	450 Calendar Days	Total Project Budget	9,789,417.840 JD

No.	Visitors		Remarks
1	Suhair Amarin	Project Dir.	
2	Akram Khammes	Electrical Eng.	
3	Marwan Sonna'a	Mech. Eng.	
4	Wahib Medanat	General Manager	
Visit Notes			
No.	Description		
1	Follow up the excavation works and the execution of the boundary walls.		
2	Discussing the issue of the final soil investigation results report and to follow up with the designer and the Geotechnical lab for the report and redesign if needed.		
3	Discussing how to expedite of the remaining retaining and boundary walls for safety purposes		
Attached			
<input type="checkbox"/> 1:			

1

CC: Project Director

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1\Site visits\Site Visit Report- Al Khansa'a Basic
020\3627\docx
Form # QP SUP 01-18, Rev.1

Site visit on Feb 15, 2021 – Um Al Dananir Basic Mixed School- Al Balqa- (Refer to Table 3. Site Visits – Page 18)



**WAHIB
MEDANAT**
consultant engineers



SKEP III

Site Visit Report

Consultant	Wahib Medanat Consultant Engineer	Rep No.	023
Contractor	Derar Saraireh & Sons for Engineering & Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
Site Name	Um Al Dananir Basic mixed School	Day/ Date	Mon. 15/02/2021
Duration of Project	450 Calendar Days	Total Project Budget	9,789,417.840 JD

No.	Visitors		Remarks
1	Suhair Amarin	Project Dir.	
2	Akram Khammes	Electrical Eng.	
3	Marwan Sonna'a	Mech. Eng.	
4	Wahib Medanat	General Manager	
Visit Notes			
No.	Description		
1	Follow up the plot boundary for the school related with adjoining street and the conflict with school boundary and the residential building and a letter to be sent to the Employer, and follow up to get the final solution.		
2	Follow up the steel reinforcement fixing for raft foundations, and technical notes in that regard.		
3	Follow up the work progress		
Attached			
<input type="checkbox"/> 1:			

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- CC: Project Director
-

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1\Site visits\Site Visit Report- Um Al Dananir
Basic 023\3628].docx
Form # QP SUP 01-18, Rev.1

Annex 5: RFI Tracking Log

5.1 Designer

5.2 Contractor

Annex 5: RFI Tracking Log

5.1 Designer

5. RFI Tracking Log

5.1. RFIs to Designer

RFI.	Name of School	Description		Details of Designer Response		File Location
		Date		Date		
004	All Schools- Package 1	03/02/2021	The working pressure must be 10 bar, while those brands mentioned in the vendor list have 8 bar working pressure.	07/02/2021	We do not mind if the working pressure of the electric water heater changed from 10 to 8 bar.	..\RFI- Form\Designer reply - RFI 004.docx
005	All Schools- Package 1	03/02/2021	All water valves above 50 mm in size must be OS&Y rising stem while in general mechanical construction practice, this type of valves used in fire fighting system, and the ordinary gate valve used in heating and domestic water systems	07/02/2021	Please follow the specs stated in section 15100, the proposal is also acceptable and maybe cost saving is an option in this regard.	..\RFI- Form\Designer reply - RFI 005.docx
006	Um Al Dananir Basic Mixed School- Al Balqa	03/02/2021	Technical data for sub. Pump SP-1 related to the domestic water tank in Um Aldananir Basic Mixed School is not mentioned in the design drawing. Please provide the missing data.	07/02/2021	Technical data for sub. Pump SP-1 can be found in drawing "13PD100".	..\RFI- Form\Designer reply - RFI 006.docx
007	All Schools- Package 1	03/02/2021	It is written that CPVC Pipes shall withstand a continuous Elevated temperature and pressure up to 900C at 5.5 Bar for at least 25 years. And according to the suppliers, this specification is not applicable.	07/02/2021	As per our previous experience, this can be achieved. Please provide letters from the nominated manufacturers list that state this is not achievable and then this statement can be relaxed	..\RFI- Form\Designer reply - RFI 007.docx
008	All Schools- Package 1	03/02/2021	According to the project specs for submersible pumps pipe it is written that should be UPVC 6 bar working pr., while we recommend using UPVC PN 16 (16 bar).	07/02/2021	The working pressure for submersible pumps is relatively low and will not exceed 1.5 bar then the 6 bars is fine If the supervision want to change to 16 bars, then it's their call and mission	..\RFI- Form\Designer reply - RFI 008.docx
009	All Schools- Package 1	03/02/2021	you confirmed using seamless steel pipes, but the thickness of wall pipes which is nearly to schedule 80 also. As an extract from the specification "Galvanized milled seamless steel pipes shall be heavy duty and comply with DIN 2441, IOS 65 or BS 1387, standard length 6 m, with threaded ends".	09/02/2021	Please abide by specification's requirements which allow having DIN 2441, IOS 65, or BS 1387, and regarding the thickness, it's the supervision call to decide but we advise for schedule 40.	..\RFI- Form\Designer Reply- RFI 009.pdf
010	All Schools- Package 1	06/02/2021	Referring to the bill of quantities in all schools, item 3.2.2 (a) is related to mass concrete, under elevator while in the design drawings, the mass concrete is under ground beams-drawing no. SKEP 13-SSD-400.	08/02/2021	With reference to the design drawings, there is no mass concrete under the elevator. Mass concrete is required only under tie beams. The statement in B.O.Q (mass concrete under elevator) was written by mistake.	..\RFI- Form\Designer reply - RFI 010.docx
011	All Schools- Package 1	08/02/2021	in drainage system 15410, size of floor Drain's cover is (150*150) mm, while the size of the Floor clean out's cover is (200*200)mm. There is Possibility to be installed in the same room, which will affect the architecture view. should it be the same size Another issue is the depth of floor drain which is recommended by specification to be maximum height 130mm which is rarely found , and if it is available it will be according to DIN pipe size .while UPVC pipe in specification is UBS.	09/02/2021	we don't mind unifying the cover size of the floor drain and the cleanout it's the supervision call to make whatever they find suitable For the height of the floor drain, it's the supervision call to decide what is suitable for the site condition and look at the difference in the prices of these floor drains	..\RFI- Form\Designer Reply- RFI 011.pdf

(Table 46: RFI Tracking Log - RFIs to Designer)

Annex - 5 -

RFI Tracking Log

5.2 RFIs – Contractor

5. RFI Tracking Log

5.2. RFIs from Contractor

RFI. #	Name of School	Details of RFI		Field	Status		Details of Consultant Response		File Location	
		Date	Description		Sent to Designer	Answered directly from Office	Date	Description	From Site	From Office
M-09	Um-Aldananir Basic Mixed School	04/02/2021	Indicate the type of irrigation pipes in Um Al Dananir School and Alkhansa'a school	Mechanical	-	X	10/2/2021	The required irrigation pipes are of the type GSP	-	..\..\RFI- from Contractor\RFI - KHS- M-09.jpeg
M-09	Al Khansa' Basic Mixed School	04/02/2021	Indicate the type of irrigation pipes in Um Al Dananir School and Alkhansa'a school	Mechanical	-	X	10/2/2021	The required irrigation pipes are of the type GSP	-	..\..\RFI- from Contractor\RFI - KHS- M-09.jpeg
M-10	Um-Aldananir Basic Mixed School	07/02/2021	there is a solar hot water sytem shownin the schematic diagram in the design drawing although there is nothing mentioned in the BoQ or in the plan	Mechanical	-	X	10/2/2021	Since electrical heaters are required in the toiler, according there is no need for solar system	-	..\..\RFI- from Contractor\RFI - KHS- M-010.jpeg
C-002	Um-Aldananir Basic Mixed School	15/02/2021	details regarding the marked area in the attached drawing	Structural	-	X	22/2/2021	- high level of the block works walls partitions shall be 10cm above the false celing level - more details are shown in the (RFI) reply	-	..\..\RFI- from Contractor\Um-Aldananir Basic Mixed School\RFI\UMD-RFI-002 - Sent to Sadam via Whatsapp.jpg
C- 004	Al Khansa' Basic Mixed School	21/02/2021	Foundation works (steel reinforcement & concrete) for part of building on plan attached (clouded area)	Structural	-	X	23/2/2021	reference to the designer's soil investigation, (ACES) are currently working on soil investigation report. Designer will assess the foundation if needed	..\..\RFI- from Contractor\Al Khansa' Basic Mixed School\004 Raft construction joint.pdf	-
001	All Schools	15/02/2021	selecting colors for the three schools/elements color paint	Architecture	-	x	22/02/2021	the answer was given asper submittal C-005, dated on 21/02/2021	-	..\..\RFI- from Contractor\RFI-001 - Sent by Email.jpg

(Table 47: RFI Tracking Log - RFIs from Contractor)

Annex -6-

Lab-Tests

6.1 Tracking Log

6.2 Excerpts of Sampling & Testing

Annex -6-

6.1 Lab-Tests Results Tracking Log

6. Lab-Tests Results Tracking Log

Wahib Medanat Consultant Engineers

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

LAB-TEST RESULTS TRACKING LOG

Testing Results LOG Sheet

Schools for Knowledge Economy Projects (SKEP III- Package 1)

Wahib Medanat Consultant Engineers

Derar Saraireh & Sons for Engineering & Contracting

Khadija Bint Khwailed Basic Mixed School

Tender No.: 1/2020/USAID/SKEP/3/1

Status of Test:	Pass	
	Fail	

1. Civil & Architectural Materials

2. Earthwork Materials

Item No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	No. of Samples	Date of Sample	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Laboratory	Notes
2.2.1	Khadija Bint Khuwailed	GEOTES T	Excavated Material	70-73	The purpose of the testing is to check whether the excavated material is suitable for backfilling or not. The excavated material is checked to determine the classification of the soil in accordance to the related specifications	excavated material	1	1/3/2021	6000 m3	3/1/2021	fail	2020-RM-002035	removed from site	GEOTES T	

Item No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	No. of Samples	Date of Sample	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Laboratory	Notes
	Khadija Bint Khuwaileid	RSS	Excavated Material	70-73	The purpose of the testing is to check whether the excavated material is suitable for backfilling or not. The excavated material is checked to determine the classification of the soil in accordance to the related specifications in the contract.	excavated material	1	1/10/2021	6000 m3	15/01/2021	pass	1529/24/28/220(530105)	No	RSS	
2.2.2	Khadija Bint Khuwaileid	RSS	Backfilling Material	36	Backfilling Excavations A. After compaction of granular bed and surround, the trench shall be backfilled using selected excavated material free from all rocks, large hard objects and builder's debris of greater than 40mm, and shall be in layers of 150mm, each fully compacted over the full width of the trench. Power	As per the upper row, the excavated material is suitable for backfilling, therefore it will be used for backfilling as per specifications									

rammers and vibrators shall be used to compact backfilling when the cover over the crown of the pipe exceeds 0.5 meters.

3. Concrete Works

Item No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	No. of Samples	Date of Sample	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Laboratory	Notes
3.2.1	Khadija Bint Khuwaileid	RSS	Concrete Cubes	107/112-113	SOURCE QUALITY CONTROL A. Submit 3 certified copies of mill test report of supplied concrete reinforcing, indicating physical and chemical analysis. QUALITY ASSURANCE A. Refer to the General Technical Specifications for Buildings, the First Volume of Civil Works and Architectural issued by the Ministry of Public Works and Housing, Edition 2, 1996- Bill No.3” C. Cyclopean	Blinding for Footings	3	6/1/2021	160m3	13/01/2021	pass	(530103)220/28/24/1500	No	RSS	
							3	6/1/2021	160m3	3/2/2021	pass	(530103)220/28/24/1500	No	RSS	

					Concrete: <i>Cyclopean concrete shall consist of concrete with compressive strength 200 kg/cm2 containing large embedded stones.</i>										
3.2.3, 3.2.4	Khadija Bint Khuwaile d	GEOTES T				6	6/1/2021	160m3	13/01/2021	pass	2021-RC-002574-7	No	GEOTES T		
						6	6/1/2021	160m3	03/02/2021	pass	2021-RC-002732-28	No	GEOTES T		
						Reinforced for Footing	9	19/1/2021	290 m3	26/01/2021	pass	2021-RC-002667-7	No	GEOTES T	
							9		290 m3						
	Reinforced footings	12				24/1/2021		31/01/2021	pass	2021-RC-002716-7	No	GEOTES T			
		12				24/1/2021									
	Reinforced footings	12				27/1/2021		03/02/2021	pass	2021-RC-002733-7	No	GEOTES T			
		12				27/1/2021									
	Khadija Bint Khuwaile d	GEOTES T				F8	6	30/1/2021		8/2/2021	pass	2021-RC-002771-7	No	GEOTES T	
							6								
3.5.1	Khadija Bint Khuwaile d	RSS	Steel Reinforceme nt	107-108	1.25.2.1 Reinforcing: <i>Deformed High Strength Steel 420 Mpa.</i>	Φ10	3	10/1/2021	2	16/01/2021	pass	(530103)220/28/24/15 45	No	RSS	

			1.25.2.2 Quality Requirements: Steel Reinforcement shall be hot rolled, high strength and high bond. Grade 420 Mpa complying with requirements of ACI and Jordanian National Building Code.	Φ12	3	10/1/2021	12	16/01/2021	pass	(530103)220/28/24/1545	No	RSS		
				Φ14	3	10/1/2021	14	16/01/2021	pass	(530103)220/28/24/1545	No	RSS		
				Φ16	3	10/1/2021	10	16/01/2021	pass	(530103)220/28/24/1545	No	RSS		
				Φ18	3	10/1/2021	11	16/01/2021	pass	(530103)220/28/24/1545	No	RSS		
				Φ20	3	10/1/2021	26	16/01/2021	pass	(530103)220/28/24/1545	No	RSS		
				Φ25	3	10/1/2021	50	16/01/2021	pass	(530103)220/28/24/1545	No	RSS		
3.5.1		GEOTES T		Φ18	3	25/1/2021			26/01/2021	pass	2021-RM-002146	No	GEOTES T	
				Φ25	3	25/1/2021			26/01/2021	pass	2021-RM-002146	No	GEOTES T	

(Table: 48 Lab-Tests Results Tracking Log - Khadija Bint Khwailed Basic Mixed School)

6. Lab-Tests Results Tracking Log

Wahib Medanat Consultant Engineers

Um Al Dananir Basic Mixed School – Balqa

LAB-TEST RESULTS TRACKING LOG

Testing Results LOG Sheet

Schools for Knowledge Economy Projects (SKEP III- Package 1)

Wahib Medanat Consultant Engineers

Derar Saraireh & Sons for Engineering & Contracting

Um Al Dananir Basic Mixed School

Tender No.:1/2020/USAID/SKEP/3/1

Status of Test:	Pass	
	Fail	

1. Civil & Architectural Materials

2. Earthwork Materials

Item No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	No. of Tests	Date of Sample	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Laboratory	Notes
2.3.1	Um Al-Danani r	International center	Excavated Material	70-73	The purpose of the testing is to check whether the excavated material is suitable for backfilling or not. The excavated material is checked to determine the classification of the soil in accordance to the related specifications	Excavated Material	1	2/1/2021		4/1/2021	pass	2020-RM-002056	No	GEOTES T	
		RSS	Excavated Material			Excavated Material	1	5/1/2021	450 m ³	9/1/2021	Fail	976/24/28/220 (530105)	Removed from Site	RSS	

				in the contract.										
			Excavated Material			Excavated Material	1	5/1/2021	450 m ³	9/1/2021	Fail	978/24/28/220 (530105)	Removed from Site	RSS
			Excavated Material			Excavated Material	1	13/1/2021	7000 m ³	19/1/2021	Fail	1874/24/28/220 (530105)	Removed from Site	RSS
2.3.2	Um Al-Danani r		Backfilling Material	36	Backfilling Excavations A. After compaction of granular bed and surround, the trench shall be backfilled using selected excavated material free from all rocks, large hard objects and builder's debris of greater than 40mm, and shall be in layers of 150mm, each fully compacted over the full width of the trench. Power rammers and vibrators shall be used to compact									

					backfilling when the cover over the crown of the pipe exceeds 0.5 meters.										
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3. Concrete Works

Item No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	No. of Tests	Date of Sample	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Laboratory	Notes
3.2.1	Um Al-Danani r	GEOTEST	Concrete Cubes	107/112-113	SOURCE QUALITY CONTROL A. Submit 3 certified copies of mill test report of supplied concrete reinforcing, indicating physical and chemical analysis.	Blinding for Footings	4	26/1/2021		02/02/2021	pass	2021-RC-002727	No	GEOTEST	
3.2.3						Raft Foundation 1	6	3/2/2021		10/2/2021	pass	2021-RC-002779	No	GEOTEST	
						Raft Foundation 2, 5	6	3/2/2021							
							18	11/2/2021		20/2/2021	pass	2021-RC-002856	No	GEOTEST	
						18	11/2/2021								
3.5.1						Um Al-Danani r	RSS	Steel Reinforcement	107-108	1.25.2.1 Reinforcing: Deformed High Strength Steel 420 Mpa. 1.25.2.2 Quality Requirements: Steel Reinforcement shall be hot rolled,	Φ10	3	7/1/2021	1.2	11/1/2021
	Φ12	3	7/1/2021	4.25	11/1/2021						Pass				
	Φ14	3	7/1/2021	5	11/1/2021						Pass				
	Φ16	3	7/1/2021	3.5	11/1/2021						Pass				
	Φ18	3	7/1/2021	3.5	11/1/2021						Pass				

				high strength and high bond. Grade 420 Mpa complying with requirements of ACI and Jordanian National Building Code.	Φ20	3	7/1/2021	20	11/1/2021	Pass				
					Φ25	6	7/1/2021	86	16/1/2021	Pass	(530103)220/28/24/1543	No	RSS	
					Φ12	3	4/2/2021		7/2/2021	pass	2021-RM-002233	No	GEOTES T	
					Φ14	3	4/2/2021		7/2/2021	pass	2021-RM-002233	No	GEOTES T	
					Φ16	3	4/2/2021		7/2/2021	pass	2021-RM-002233	No	GEOTES T	
					Φ18	3	4/2/2021		7/2/2021	pass	2021-RM-002233	No	GEOTES T	
					Φ20	3	4/2/2021		7/2/2021	pass	2021-RM-002233	No	GEOTES T	
					Φ25	3	4/2/2021		7/2/2021	pass	2021-RM-002233	No	GEOTES T	
					Φ20	3	15/2/2021		15/2/2021	pass	2021-RM-002299	No	GEOTES T	
					Φ25	3	15/2/2021		15/2/2021	pass	2021-RM-002299	No	GEOTES T	

C. Masonry Works

No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	Estimated No. of Tests to be Conducted	Sample Location	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Test Report Location	Notes
			Building Stone	123 /128	ASTM C 97 <i>Test methods for absorption and bulk specific gravity of natural building stone.</i> A.01 FIELD QUALITY CONTROL <i>1. Test mortar and grout in accordance with specification specified in this section.</i> 3.02: <i>A. Refer to General Technical Specifications for Buildings, the First</i>										
			Blockwork	122											

					Volume of Civil Works and Architectural issued by the Ministry of Public Works and Housing, Edition 2, 1996- Bill No.6” Masonry Works”													
			Ribs Work	122	3.02: A. Refer to General Technical Specifications for Buildings, the First Volume of Civil Works and Architectural issued by the Ministry of Public Works and Housing, Edition 2, 1996- Bill No.6” Masonry Works”													
			Stone Sills	123 /128	ASTM C 97 Test methods for absorption and bulk specific gravity of natural building stone. A.01 FIELD QUALITY CONTROL 1. Test mortar and grout in accordance with specification specified in this section.													

D. Tiles Works

No.	School Name	Testing Lab	Description of Item	Specification on Page No.	Specification Description & Summary	Description of Works to be Tested	Estimated No. of Tests to be Conducted	Sample Location	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Test Report Location	Notes
			Terrazzo Tiles	227	<p>1.04: ANSI A118-10. 2099 – Load bearing, Bonded, Waterproof Membranes for Thin-set Ceramic Tile and Dimensional Stone Insulation. ANSI A108-1, A-2099 – Specifications for Installation of Ceramic Tile in the Wet-Set Method with Portland cement Mortar. ANSI A108-1, B-2099 – Specifications for Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex Portland Cement Mortar. Refer to Section 09300 - Page 227-References</p>										

			Ceramic Tiles	227	<p>1.04: ANSI A118-10. 2099 – Load bearing, Bonded, Waterproof Membranes for Thin-set Ceramic Tile and Dimensional Stone Insulation. ANSI A108-1, A-2099 – Specifications for Installation of Ceramic Tile in the Wet-Set Method with Portland cement Mortar. ANSI A108-1, B-2099 – Specifications for Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex Portland Cement Mortar. Refer to Section 09300 - Page 227-References</p>														
			Porcelain Tiles	227	<p>1.04: ANSI A118-10. 2099 – Load bearing, Bonded, Waterproof Membranes for Thin-set Ceramic Tile</p>														

					<p><i>and Dimensional Stone Insulation. ANSI A108-1, A-2099 – Specifications for Installation of Ceramic Tile in the Wet-Set Method with Portland cement Mortar. ANSI A108-1, B-2099 – Specifications for Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex Portland Cement Mortar. Refer to Section 09300 - Page 227-References</i></p>													
			Cement Tiles	86	<p>1.02: <i>ASTM C936 Specification for Solid Concrete Interlocking Paving Units.</i></p>													

			Marble sills	227	<p>1.04: ANSI A118-10. 2099 – Load bearing, Bonded, Waterproof Membranes for Thin-set Ceramic Tile and Dimensional Stone Insulation. ANSI A108-1, A-2099 – Specifications for Installation of Ceramic Tile in the Wet-Set Method with Portland cement Mortar. ANSI A108-1, B-2099 – Specifications for Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex Portland Cement Mortar. Refer to Section 09300 - Page 227-References</p>														
			Granite Sills	227	<p>1.04: ANSI A118-10. 2099 – Load bearing, Bonded, Waterproof Membranes for Thin-set Ceramic Tile</p>														

					<p>and Dimensional Stone Insulation. ANSI A108-1, A-2099 – Specifications for Installation of Ceramic Tile in the Wet-Set Method with Portland cement Mortar. ANSI A108-1, B-2099 – Specifications for Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex Portland Cement Mortar. Refer to Section 09300 - Page 227-References</p>										
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E. Aluminum Sections

No.	School Name	Testing Lab	Description of Item	Specificati on Page No.	Specificatio n Description & Summary	Descripti on of Works to be Tested	Estimate d No. of Tests to be Conducte d	Sample Locatio n	Represent ed Quantity	Test Date	Test Result (Pass/Fai l)	Testing Report No.	Correcti ve Action	Test Report Location	Note s
				130-132	3. AWSD 1.2 – Aluminum K. Extrude shapes ad tubes: (Aluminum) to ASTM B										

					221, 6061-T6, 6205-75										
				130-132	3. AWS D 1.2 – Aluminum K. Extrude shapes ad tubes: (Aluminum) to ASTM B 221, 6061-T6, 6205-76										
				130-133	3. AWS D 1.2 – Aluminum K. Extrude shapes ad tubes: (Aluminum) to ASTM B 221, 6061-T6, 6205-77										

F. Asphalt Layers

No.	School Name	Testing Lab	Description of Item	Specification on Page No.	Specification Description & Summary	Description of Works to be Tested	Estimated No. of Tests to be Conducted	Sample Location	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Test Report Location	Notes
				77	2.02 SOURCE QUALITY CONTROL A. Tests: A sample of material delivered to the project shall be taken for each 300 tons (270 metric tons) placed or each day's placement, whichever is greater, and tested for gradation and moisture density relationship										

3.03 FIELD QUALITY CONTROL:
b. Testing for compaction density ration under asphalt pavements and under concrete SOG.

G. Asphalt Membranes

No.	School Name	Testing Lab	Description of Item	Specificati on Page No.	Specificatio n Description & Summary	Descripti on of Works to be Tested	Estimate d No. of Tests to be Conducte d	Sample Locatio n	Represent ed Quantity	Test Date	Test Result (Pass/Fai l)	Testing Report No.	Correcti ve Action	Test Report Location	Note s
				77	<p>2.02 SOURCE QUALITY CONTROL <i>A. Tests: A sample of material delivered to the project shall be taken for each 300 tons (270 metric tons) placed or each day's placement, whichever is greater, and tested for gradation and moisture density relationship</i></p> <p>3.03 FIELD QUALITY CONTROL: <i>b. Testing for compaction density ration under asphalt pavements and under concrete SOG.</i></p>										

H. Extruded Polystyrene

No.	School Name	Testing Lab	Description of Item	Specificati on Page No.	Specificatio n Description & Summary	Descripti on of Works to be Tested	Estimate d No. of Tests to be Conducte d	Sample Locatio n	Represent ed Quantity	Test Date	Test Result (Pass/Fai l)	Testing Report No.	Correcti ve Action	Test Report Location	Note s	
				173-174	<p>1.04 SYSTEM DESCRIPTION Refer to 1.02 REFERENCES A. The insulation shall have a minimum K value of 0.027 W/mat 10oC to ASTM C518. B. The insulation shall be vermin proof and contain sufficient fire inhibitors to achieve a class 1 resistance to surface spread of flame when tested. C. The insulation shall be water proof and vapor proof . D. The insulation shall have a minimum compressive strength of 300 Kpa (3kg/cm2) when tested to ASTM D1621.</p>											

I. Painting

No.	School Name	Testing Lab	Description of Item	Specificati on Page No.	Specificatio n Description & Summary	Descripti on of Works to be Tested	Estimate d No. of Tests to be Conducte d	Sample Locatio n	Represent ed Quantity	Test Date	Test Result (Pass/Fai l)	Testing Report No.	Correcti ve Action	Test Report Location	Note s
				255-266	1.03 REFERENCE S A. American National Standard Institute (ANSI). 1. ANSI A13.1 Scheme for the Identification of Piping Systems. 2. ANSI Z535-1 Safety Color Code. B. American Standard for Testing and Materials (ASTM). Refer to 1.03 REFERENCE S - Page 255-266										

2. Mechanical Materials

A. Seamless Black Steel Pipes

No.	School Name	Testing Lab	Description of Item	Specificati on Page No.	Specificatio n Description & Summary	Descripti on of Works to be Tested	Estimate d No. of Tests to be Conducte d	Sample Locatio n	Represent ed Quantity	Test Date	Test Result (Pass/Fai l)	Testing Report No.	Correcti ve Action	Test Report Location	Note s

B. CPVC Pipes

No.	School Name	Testing Lab	Description of Item	Specificati on Page No.	Specificatio n Description & Summary	Descripti on of Works to be Tested	Estimate d No. of Tests to be Conducte d	Sample Locatio n	Represent ed Quantity	Test Date	Test Result (Pass/Fai l)	Testing Report No.	Correcti ve Action	Test Report Location	Note s

	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	Estimated No. of Tests to be Conducted	Sample Location	Represented Quantity	Test Date	Test Result (Pass/Fail)		Corrective Action	Test Report Location	Notes

C. UPVC Pipes

No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	Estimated No. of Tests to be Conducted	Sample Location	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Test Report Location	Notes

D. P.P.R Pipes

No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	Estimated No. of Tests to be Conducted	Sample Location	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Test Report Location	Notes

E. First Test for Boiler

No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	Estimated No. of Tests to be Conducted	Sample Location	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Test Report Location	Notes

3. Electrical Materials

A. Lighting Fixtures

No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	Estimated No. of Tests to be Conducted	Sample Location	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Test Report Location	Notes

B. Power Cables

No.	School Name	Testing Lab	Description of Item	Specificati on Page No.	Specificatio n Description & Summary	Descripti on of Works to be Tested	Estimate d No. of Tests to be Conducte d	Sample Locatio n	Represent ed Quantity	Test Date	Test Result (Pass/Fai l)	Testing Report No.	Correcti ve Action	Test Report Location	Note s

C. Wires

No.	School Name	Testing Lab	Description of Item	Specificati on Page No.	Specificatio n Description & Summary	Descripti on of Works to be Tested	Estimate d No. of Tests to be Conducte d	Sample Locatio n	Represent ed Quantity	Test Date	Test Result (Pass/Fai l)	Testing Report No.	Correcti ve Action	Test Report Location	Note s

D. PVC Conduits

No.	School Name	Testing Lab	Description of Item	Specificati on Page No.	Specificatio n Description & Summary	Descripti on of Works to be Tested	Estimate d No. of Tests to be Conducte d	Sample Locatio n	Represent ed Quantity	Test Date	Test Result (Pass/Fai l)	Testing Report No.	Correcti ve Action	Test Report Location	Note s

(Table: 49 Lab-Tests Results Tracking Log - Um Al Dananir Basic Mixed School)

6. Lab-Tests Results Tracking Log

Wahib Medanat Consultant Engineers

Al Khansa' Basic Mixed School – Balqa

LAB-TEST RESULTS TRACKING LOG

Testing Results LOG Sheet

Schools for Knowledge Economy Projects (SKEP III- Package 1)

Wahib Medanat Consultant Engineers

Derar Saraireh & Sons for Engineering & Contracting

Al Khansa' Basic Mixed School

Tender No.: 1/2020/USAID/SKEP/3/1

Status of Test:	Pass	
	Fail	

1. Civil & Architectural Materials

2. Earthwork Materials

Item No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	No. of Tests	Sample Date	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	lab	Notes
2.3.1	Al Khansa' a Basic Mixed School	RSS	Excavated Material	70-73	The purpose of the testing is to check whether the excavated material is suitable for backfilling or not. The excavated material is checked to determine the classification ofv the soil in accordance to the related specifications	Excavated Material	1	18/1/2021	8000 m ³	21/01/2021	fail	(530105)220/28/24/2158	Removed from Site	RSS	—
		RSS	Excavated Material			Excavated Material	1	2/2/2021	3000m ³	8/2/2021	pass	(530105)220/28/24/3641	No	RSS	

Item No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	No. of Tests	Sample Date	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	lab	Notes
2.3.2	Al Khansa' a Basic Mixed School	RSS	Backfilling Material	36	Backfilling Excavations A. After compaction of granular bed and surround, the trench shall be backfilled using selected excavated material free from all rocks, large hard objects and builder's debris of greater than 40mm, and shall be in layers of 150mm, each fully compacted over the full width of the trench. Power rammers and vibrators shall be used to compact backfilling when the cover over the crown of the pipe exceeds 0.5 meters.	As per the upper row, the excavated material is suitable for backfilling, therefore it will be used for backfilling as per specifications									

3. Concrete Works

Item No.	School Name	Testing Lab	Description of Item	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	No. of Tests	Sample Date	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	lab	Notes
3.2.1	Al Khansa'	GEITES T	Concrete Cubes	107/112-113	SOURCE QUALITY	Blinding for boundary	3	16/1/2021		25/01/2021	pass	2021-RC-002668-7	No	GEOTES T	

3.2.3, 3.2.4	a Basic Mixed School	GEITES T	<p>CONTROL A. Submit 3 certified copies of mill test report of supplied concrete reinforcing, indicating physical and chemical analysis.</p> <p>QUALITY ASSURANCE A. Refer to the General Technical Specifications for Buildings, the First Volume of Civil Works and Architectural issued by the Ministry of Public Works and Housing, Edition 2, 1996- Bill No.3” Concrete Works”</p> <p>C. Cyclopean Concrete: Cyclopean concrete shall consist of concrete with compressive strength 200 kg/cm2 containing large embedded stones.</p>	and footings	3	16/1/2021							
				3	21/1/2021		31/1/2021	pass	2021-RC-002715-7	No	GEOTES T		
				3	21/1/2021		22/2/2021	pass	2021-RC-002868-28	No	GEOTES T		
				Reinforced Concrete for BW Footings	6	24/1/2021		31/1/2021	pass	2021-RC-002714-7	No	GEOTES T	
					6	24/1/2021		22/2/2021	pass	2021-RC-002869- 28	No	GEOTES T	
					6	26/1/2021		6/2/2021	pass	2021-RC-002745-7	No	GEOTES T	
					6	26/1/2021		23/2/2021	pass	2021-RC-0022906- 28	No	GEOTES T	
					6	27/1/2021		6/2/2021	pass	2021-RC-002746-7	No	GEOTES T	
		6			27/1/2021		24/2/2021	pass	2021-RC-002907- 28	No	GEOTES T		
		9			2/2/2021		11/2/2021	pass	2021-RC-002786-7	No	GEOTES T		
		9		2/2/2021									
		Wall BW3 + BW4		6	4/2/2021		11/2/2021	pass	2021-RC-002787-7	No	GEOTES T		
				6	4/2/2021								
		BW4		6	13/2/2021		22/2/2021	pass	2021-RC-002870-7	No	GEOTES T		
6	13/2/2021												
BW4	3	15/2/2021		22/2/2021	pass	2021-RC-002871-7	No	GEOTES T					
	3	15/2/2021											

						RW2 + RW3, BW5	3	15/2/2021		22/2/2021	pass	2021-RC-002872-7	No	GEOTES T	
							3	15/2/2021							
3.5.1	Al Khansa' a Basic Mixed School	RSS	Steel Reinforceme nt	107-108	1.25.2.1 Reinforcing: Deformed High Strength Steel 420 Mpa. 1.25.2.2 Quality Requirement s: Steel Reinforcemen t shall be hot rolled, high strength and high bond. Grade 420 Mpa complying with requirements of ACI and Jordanian National Building Code.	Φ10	3	18/1/2021	107	28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
						Φ12	3	18/1/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
						Φ14	3	18/1/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
						Φ16	3	18/1/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
						Φ18	3	18/1/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
						Φ20	3	18/1/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
						Φ25	3	18/1/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
3.5.1	Al Khansa' a Basic Mixed School	GEITES T	Steel Reinforceme nt	107-108	complying with requirements of ACI and Jordanian National Building Code.	Φ10	3	16/1/2021	42.5	17/1/2021	pass	2020-OM-001468	No	GEOTES T	—
						Φ12	3	16/1/2021		17/1/2021	pass	2020-OM-001468	No	GEOTES T	—
						Φ14	3	16/1/2021		17/1/2021	pass	2020-OM-001468	No	GEOTES T	—
						Φ16	3	16/1/2021		17/1/2021	pass	2020-OM-001468	No	GEOTES T	—
						Φ20	3	16/1/2021		17/1/2021	pass	2020-OM-001468	No	GEOTES T	—
						Φ25	3	16/1/2021		17/1/2021	pass	2020-OM-001468	No	GEOTES T	—
3.5.1	Al Khansa' a Basic Mixed School	RSS	Steel Reinforceme nt	107-108		Φ12	3	3/2/2021	42.5	12/2/2021	pass	(530103)220/28/24/3989	No	RSS	—
						Φ14	3	3/2/2021		12/2/2021	pass	(530103)220/28/24/3989	No	RSS	—
						Φ16	3	3/2/2021		12/2/2021	pass	(530103)220/28/24/3989	No	RSS	—
						Φ18	3	3/2/2021		12/2/2021	pass	(530103)220/28/24/3989	No	RSS	—
						Φ20	3	3/2/2021		12/2/2021	pass	(530103)220/28/24/3989	No	RSS	—
						Φ25	3	3/2/2021		12/2/2021	pass	(530103)220/28/24/3989	No	RSS	—

(Table: 50 Lab-Tests Results Tracking Log - Al Khansa' Basic Mixed School)

Annex -6-

6.2 Excerpts of Sampling & Testing

SKEP III Schools- Package 1- Number of Laboratory Tests - Status on 28.02.2021					
Tested Materials	Excavated Materials	Steel Reinforcement	Concrete Mixes	Water Stop	Vapor Retarder
School					
Um Al- Dananir Basic Mixed School	4	3	3, (56 cubes, 28 tested)	0	0
Khadija Bint Khwailed Basic Mixed School	2	2	5, (96 cubes, 57 tested)	0	0
Al Khansa'a Basic Mixed School	2	3	10, (102 cubes, 72 tested)	0	0
Total	8	8	18	0	0
Failed	5	0	0	0	0
Passed	3	8	18	0	0
% Failed	63% then 0%	0	0	0	0
% Passed	37% then 100%	100%	100%	0	0

(Table: 51 Excerpts of Sampling & Testing)

Notes:

- 1- Excavated Materials: The tests aimed to observe whether the excavated materials are convenient for backfilling or not. If not, a special item in the contract for imported materials can be activated when needed.
- 2- Steel Reinforcement: Each test consists of testing of three samples from each size of bars to be used. (i.e., diameters of 10mm, 12mm, 14mm, 16mm, 18mm, 20mm and 25mm).
- 3- Concrete Mixes: Tests of the mixes consist of testing all types of mixes as per contract. 50% of the samples are tested after 7 days and 50% are tested after 28 days after casting.
- 4- The failure of any material is followed promptly until the said material is replaced and lab test repeated to confirm passing of the material.

Detailed tests log is updated on weekly basis.

Annex – 7 –

Mobilization Tracking Log

7. Mobilization Tracking Log

Wahib Medanat Consultant Engineers

Mobilization Tracking Log- SKEP III - Package 1 Schools- Updated on 28/2/2021								
Contractor: Derar Sarairoh & Sons for Engineering & Contracting								
Contract item no. #	Description	Specified Time for Submission	Max. Date	Contractor Action	Date	Consultant Action	Date	Notes
#01500	Temporary Electrical Distribution System	Throught the works	-	Provided		aaproved		
#21.2 #22.1 #23.2	Insurance Policy	Prior to the Commencement Date	18/12/2020	Submitted	21/12/2020	approved		
#98	Risk Management Plan	Prior to the Commencement	18/12/2020	Submitted	19/12/2020	Under Review		
#19.1/6-99	Safety Plan	Within 14 Days of the commencemnt Date	2/1/2021	Submitted	17/12/2020	approved		
#97	Quality Plan	Prior to the Commencement	18/12/2020	Submitted	3/12/2020	Done		
#8.1	Facility Unit for Workers	Prior to the Commencement	18/12/2020	In Progress				
#8.1	Provision of Safe Drinking Water	Prior to the Commencement	18/12/2020	On going				
#19.1/6-97	Waste Management Plan	Prior to the Commencement	18/12/2020	Submitted	21/12/2020	Not Approved		
#8.1	Communication with Ain Albasha Municipality regarding Construction Waste	Prior to the Commencement	-	Done		Done		
#8.1	Communication with Shouna Al-Wasta Municipality regarding Construction Waste	Prior to the Commencement	-	Done		Done		
#8.1	Submission of Social Security Payment Of Employees		-	Not Submitted				Contractor rquested
#8.1	Permits for Construction Works from Municipalities	Prior to the Commencement	-	On going				

(Table 52: Mobilization Tracking Log)

Contract item no. #	Description	Specified Time for Submission	Max. Date	Contractor Action	Date	Consultant Action	Date	Notes
#8.1	Mock Up Room	Within 4-Months after Commencement	19/4/2021	A proposal is sent to execute the mock up rooms within 120 days of the concrete casting of the ground floor slab	28/1/21	The Employer is addressed in this regard	30/1/21	Awaiting for the Employer decision
#14.1	Work Schedule	Within 28-Days After Receipt of letter of Acceptance	5/11/2020	Submitted	19/12/2020	Not Approved		Under Consideration
#14.3	Cash Flow	Within 30 Days After Receipt of letter of Acceptance	5/11/2020	Submitted	19/12/2020			Under Consideration
#01330	Major Products	Within 30 Days of the notice to proceed	19/1/2021	In Progress		In Progress		
#15.1	Contractor's Staff	Prior to the Commencement	18/12/2020	Provided	30/11/2020	on going		
#01500	Temporary Offices	Prior to the Commencement	18/12/2020	Provided		on going		
#01500	Computers, Internet & Mobiles	Prior to the Commencement	18/12/2020	Not Provided				Original software programs not provided
#01500	Sewage System for Temporary Offices	Prior to the Commencement	18/12/2020	Ready				
#01500	Parking	Prior to the Commencement	18/12/2020	Provided				
#01500	Water for Sanitary Facilities	Prior to the Commencement	18/12/2020	Ready				
	Safety Signs		2/1/2021	Ready				
	Project Signs		18/12/2020	Ready				
	Fence		18/12/2020	Ready				

(Table 53: Mobilization Tracking Log)

Annex - 8 -

Non-Conformance Reports Tracking Log

8. Non-Conformance Reports Tracking Log

Schools for Knowledge Economy Project (SKEP III), Package 1								
Wahib Medanat Consultant Engineer								
Health, Safety & Environment								
Date:			Supervision Engineer:					
Project:			Contractor:					
Rep. no.:3			Site:					
	Khadija Bint Khwailed Basic Mixed School							
	Al Khansa' Basic Mixed School							
	Um Al Dananir Basic Mixed School							
NCR NO.	Name of School	Date of NCR	Date of Response	Description of NCR	Corrective action Required	Contractor Action	File Location	Closed Date
1	Khadija Bint Khwailed Basic Mixed School	6/2/2021	12/2/2021	Poor housekeeping	housekeeping should be carried out corretctly	housekeeping is done	..\..\Safety\Document 2021-02-27 015058.pdf	-
2	Um Al Dananir Basic Mixed School	21/02/2021	23/02/2021	1-Poor housekeeping 2-vehicles' gate is damage and needs fixing	-support and fix the vehicles' gate - improve house Keeping E1512	corrective actions were taken	..\..\Safety\NCR SAFETY (2).pdf	-

(Table 54: Non-Conformance Reports Tracking Log)

Annex -9-

Materials Submittals

9.1 Architectural Submittals

9.2 Electrical Submittals

9.3 Mechanical Submittals

- Summary of Submitted Materials

Annex – 9 –

Materials Submittals

9.1 Architectural Submittals

9. Materials Submittals

9.1 Architectural Submittals

MATERIAL SUBMITTALS					
Architectural Submitted Material Schools for Knowledge Economy Projects (SKEP III) - Package 1 Wahib Medanat Consultant Engineer					
Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
4.2 Natural Stone works					
4.2	Stone Works	Marbeltone Quality for marble & granite Nassar group Al-Jabary Marble Amer Al-Khatib for stone Or equivalent	YES	Rev.03	Approved As Noted
4.2.2 4.2.8 4.2.9- 4.2.12	Granite tile for staircases Granite copping for internal walls Granite wall tiles Granite tiles for platform Granite for drinking fountain Granite counter top	Marbeltone Quality for marble & granite Nassar group Al-Jabary Marble Amer Al-Khatib for stone Or equivalent	NO	NO	
4.2.4	Ajloun marble	Not Mentioned	NO	NO	
5 Metals					
5.1.1 + 5.1.2	Steel windows screens	Not Mentioned	NO	NO	
5.1.3	Steel cover for underground water tank	Not Mentioned	NO	NO	
5.1.4	3mm louver steel plate powder coated for underground water tank	Not Mentioned	NO	NO	
5.1.5	Access panel for underground water tank	Not Mentioned	NO	NO	
5.1.6	Flag pole	Not Mentioned	NO	NO	
5.1.7	Flag pole on top of roof	Not Mentioned	NO	NO	
5.1.8	Outdoor Shading	Not Mentioned	NO	NO	
5.1.9	1mm thick aluminum angle/tile trim-copping above porcelain and granite wall cladding	Not Mentioned	YES	Rev.02	Not Approved

Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
5.2.1	Steel ladder at top of roof	Not Mentioned	NO	NO	
5.2.2	Stainless steel ladder for underground water tank and internal water tank	Not Mentioned	NO	NO	
5.2.3	Galvanized steel ladder for underground water tank and internal pump room	Not Mentioned	NO	NO	
5.3.1	Handrails and Railing for internal stairs	Not Mentioned	NO	NO	
5.3.2	Wall mounted handrail to internal stairs and to internal disabled ramp.	Not Mentioned	NO	NO	
5.3.3	Steel handrail at top of site walls, planters and wherever required	Not Mentioned	NO	NO	
5.3.4	Wall mounted handrail at disabled ramp.	Not Mentioned	NO	NO	
5.3.5	Powder coated steel protection rail at entrance main gate	Not Mentioned	NO	NO	
6.1 Custom Cabinets					
6.1.1	Cabinets in kitchenette, canteen, first aid room, child care room, KG classroom, teacher center, and wherever required	Not Mentioned	NO	NO	
6.2	Wooden Seats	Not Mentioned	NO	NO	
8. DOORS & WINDOWS					
8.1	Steel Doors and Frames	Not Mentioned	NO	NO	
8.2	Wood Doors and fire rated doors	Not Mentioned	NO	NO	
8.3.1 8.3.2	Aluminum Windows, Aluminum doors and curtain wall	curtain wall: Petra aluminum Co. AL-FAQEER INDUSTRIAL Co. Raghad Kalbouneh & Partners Co-Tichnical Aluminum &Glass Or equivalent	YES	Rev.01	REVISE & RE-SUBMIT
Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
9. FINISHING					
9.1	Portland Cement Plaster & Portland Cement Colored	Not Mentioned	YES- FOR PLASTERING ACCESSORIES	REV.01	Approved As Noted
9.1.3	Colored plaster	Not Mentioned	YES	REV.01	Approved As Noted
9.2.1.1	Porcelain floors tiles	Seasons Marrazi tiles/ salah Shihadeh	YES	REV.01	Approved As Noted

		Nabluse and Amad Or equivalent			
9.2.1.2	Ceramic floors tiles	Seasons Marrazi tiles/ salah Shihadeh Nabluse and Amad Or equivalent	YES	REV.01	Approved As Noted
9.2.1.3	Carpet tiles over terrazzo	Not Mentioned	NO	NO	
9.2.1.4	Terrazzo tiles	Not Mentioned	NO	NO	
9.2.2.1	Glossy ceramic wall tiles	Seasons Marrazi tiles/ salah Shihadeh Nabluse and Amad Or equivalent	YES	REV.01	Approved As Noted
9.2.2.2	Porcelain wall tiles	Seasons Marrazi tiles/ salah Shihadeh Nabluse and Amad Or equivalent	YES	REV.01	Approved As Noted
9.2.3	Floor Coating (Polyster Polyurethane) for playground	Not Mentioned	NO	NO	
9.3.1 9.3.2	Emulsion paint Internal vinyl silk emulsion paint	Jotun Dulux National Paints Sipes Or equivalent	YES	REV.02	Approved As Noted
9.3.3	Nontoxic solvent free epoxy polysulfide paint	Not Mentioned	YES	REV.01	Approved
9.4	Acoustical Suspended Ceilings	The Knauf Group AMF- Ceilings Systems Armstrong- Ceiling Systems Or equivalent	NO	NO	
Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
10- SPECIALITIES					
10.1	Toilet, Bath and Laundry Specialties (Toilet Accessories and Mirrors)	Bobbrick Inda Sonia	NO	NO	
10.2	Rubber Floor Mat	Not Mentioned	NO	NO	
11- EQUIPMENT					
11.1	Playground Equipments	Not Mentioned	NO	NO	
11.2	Laboratory Furnishing	Maani Protech	NO	NO	
11.2.14	Coat Hanger	Not Mentioned	NO	NO	

(Table 55: Materials Submittals - Architectural Submittals)

Annex – 9 –

Materials Submittals

9.2 Electrical Submittals

9. Materials Submittals

9.2 Electrical Submittals

MATERIAL SUBMITTALS					
Electrical Submitted Material Schools for Knowledge Economy Projects (SKEP III) - Package 1 Wahib Medanat Consultant Engineer					
Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
16.1	Main Distribution Boards (MDB)	<ul style="list-style-type: none"> - Schneider (Europe) - Legrand (Europe) - ABB (Europe) - Eaton (Europe) - GE (USA) - Hager (Europe) 	YES	2	Comment Revise & Resubmit
16.2	Motor Control Centers (MCC)	<ul style="list-style-type: none"> - Schneider (Europe) - Legrand (Europe) - ABB (Europe) - Eaton (Europe) - GE (USA) - Hager (Europe) 	YES	2	Comment Revise & Resubmit
16.3	Uninterruptible Power Supply (UPS)	<ul style="list-style-type: none"> - APC (Europe) - Eaton (Europe) - GE (USA) - Legrand (France) - G-Tec (Italy) - ABB (Europe) 	YES	1	Comment Revise & Resubmit
16.4	Complete Earthing System	<ul style="list-style-type: none"> - Furse (UK) - Wallis (UK) -Kingsmill (UK) 	YES	1	Approved as noted (Kingsmill)
16.5	Distribution Boards	<ul style="list-style-type: none"> - Schneider (Europe) - Legrand (Europe) - ABB (Europe) - Eaton (Europe) - GE (USA) - Hager (Europe) 	YES	2	Comment Revise & Resubmit
16.6	Main and External Power Cables	<ul style="list-style-type: none"> - Jordan New Cable Co (Jordan) - Cabelco (Jordan) - Gulf Cable (Jordan) - Ducab (UAE) - Tekab (UAE) - Top Cable (Spain) 	YES	1	Approved (Cabelco)

Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
16.7	Feeding Power Cables	- Jordan New Cable Co (Jordan) - Cabelco (Jordan) - Gulf Cable (Jordan) - Ducab (UAE) - Tekab (UAE) - Top Cable (Spain)	YES	1	Approved (Cabelco)
16.8	Wiring Devices and Socket Outlets	- MK (Europe) - MEM (Europe) - Legrand (Europe)	YES	1	Approved (MK)
16.9	Disconnect Switch Isolator	- MK (Europe) - ABB (Europe) - Eaton (Europe) - Legrand (Europe)	YES	1	Approved (MK)
-	PVC Conduit	- Egatube (UK) - Decoduct (UAE) - Marshall Tufflex (UK) - Gulf Plastic (Jordan)	YES	1	Approved (Gulf Plastic)
16.12	Lighting Fixtures	- Thorn (UK) - Luce (Italy) - Philips - RZB (Germany) - Performance (Germany)	YES	1	Comment Revise & Resubmit
16.13	Lightin Presence I.R Sensor (PIR)	- MK (Europe) - MEM (Europe) - Legrand (Europe)	YES	1	Approved (MK)
16.14	Wall Fans	- Matthews (USA) or Approved equal	No	-	-
16.15	External Lightning Distribution Boards	- Schneider (Europe) - Legrand (Europe) - ABB (Europe) - Eaton (Europe) - GE (USA) - Hager (Europe)	YES	1	Comment Revise & Resubmit
16.16	External Lightning Poles	- Mitas (Turkey) - Babtain (KSA)	No	-	-

Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
16.17	Cables for External Lightning Poles	- Jordan New Cable Co (Jordan) - Cabelco (Jordan) - Gulf Cable (Jordan) - Ducab (UAE) - Tekab (UAE) - Top Cable (Spain)	YES	1	Approved (Cabelco)
16.18	Fire Detection System	- Simplex (USA/Canda) - Notifier (USA) - EDWARD (UK) - Secutron (Canada) - Gent (UK)	YES	REV.02	Revise and Re-Submit
16.19	Structure Cabling System	- Leviton (USA) - AT&T (USA) - Legrand (France) - Digitus (Germany) - R&M (USA)	YES	1	Revise and Re-Submit
16.20	Private Automatic Branch Exchange (PABX)	- Siemens - Ericsson - PanaSonic	No	-	-
16.21	Program Change Bell System	-	No	-	-
16.22	Audio/Video and Public Address System	- Tao (Japan) - ATEIS (Switzerland) - Bosch (Germany) - Paso (Italy) - Inter- M (Korea)	YES	1	Comment Revise & Resubmit
	Projector	- Sony - Sanyo - Hitachi	No	-	-
16.23	IP Based CCTV System	- Bosch (Germany) - Pelco (USA) - Axis (Denmark) - Samsung (Korea) - GE (USA)	YES	2	Not Approved
16.24	Intrusion System	- Optima - Bosch - Honeywell - Guardall	No	-	-
16.25	Cable Tray	- Davis (UK) - Swifts (UK) - OBO Bettermann (Germany) - Cablofil (France)	Yes	1	Comment Revise & Resubmit
16.28	Lightning Protection System	- Furse (UK) - Wallis (UK) -Kingsmill (UK)	YES	1	Approved as noted (Kingsmill)
14	Elevator	- Kone (Italy) - ThyssenKrupp (Spain) - OTIS (Spain) - SANYO (Japan) -Hyndai	No	-	-

(Table 56: Materials Submittals - Electrical Submittals)

Annex – 9 –

Materials Submittals

9.3 Mechanical Submittals

9. Materials Submittals

9.3 Mechanical Submittals

MATERIAL SUBMITTALS					
Mechanical Submitted Material Schools for Knowledge Economy Projects (SKEP III) - Package 1 Wahib Medanat Consultant Engineer					
Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
15.37 & 15.44	UPVC Pipes and Fittings	ADASANI	UPVC pipes had been submitted only	REV.012	Approve as noted
		NIC	contractor should submit UPVC Fittings		
		TERRAIN			
		MARLEY			
		HEPWORTH			
		OSMA			
		OSTENNDROF-NG			
		CONCEPT			
		SAPCO			
		CAFMO			
		COSMOPLAST			
WORLD PLASTIC					
15.31 & 15.54	Seamless steel pipes	NIPPON	YES	REV.02	REVISE & RE-SUBMIT
		TUBAS			
		DELAMINI			
		PIETRA			
		HEBEI			
		INTERPIPE			
		BRISTOL			
		SILKTUBE			
SHIELD					
15.31 & 15.54	Steel Fittings	AFL	YES	REV.01	Approve as noted
		CRANE			
		ECONOSTO			
		DELAMINI			
		IBS			
		IRC			
		HEBEI			
		SHURJOINTS			
		BRISTOL			
		ARMSTRONG			
SHIELD					

Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
15.31 & 15.54	VALVES	CRANE HATTERSLEY ECONOSTO OVENTROP T&A NIPCO HOLMES SHURJOINTS BRISTOL SHIELD	YES	REV.02	REVISE & RE-SUBMIT
15.31 & 15.54	Duct & Pipe Support	FISCHER HILTI FLAMCO MEFA CADDY BRISTOL INKA	YES	REV. 02	REVISE & RE-SUBMIT
15.31 & 15.54	Guages / Thermometers	H.O.TERICE ASHCROFT WEISS DWYER TOZEN HOLMES LUXOR	NO	NO	
15.31 & 15.54	Plumping Fixture	DURAVET LAUFEN VILERROY&BOCH IDEAL STANDARD KEREMAG RAK LAUFEN VITRA PRESSALIT GEBERIT ROCA	YES	Rev.01	REVISE & RE-SUBMIT
15.31 & 15.54	Faucets & Mixer	GROHE HANSGROHE HANSA IDEAL STANDARD DELABIE ROCA THG	YES	Rev.01	REVISE & RE-SUBMIT

Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
15.31 & 15.54	Pipe & Duct Insulation	AFICO KIMCO HEBEI KNAUF IZOCAM K FLEX	YES	REV.01	REVISE & RE-SUBMIT
15.31 & 15.54	All Kind Of Pumps (domestic, fire, submersible & irrigation)	KSB ARMSTRONG ITT HOLDEN BROOKS PULLEN FAIRBANKS MORES PACO NEW HADEN CRANE BIRAL FLYGT ABS HOMA JUNG HERBORNER BRISTOL GRUNDFOS WILO SAER AURORA SPP ANDRITZ	YES	REV.02	REVISE & RE-SUBMIT
15.31 & 15.54	Kitchen Sinks	ELKAY BLANCO SCHOCK	YES	REV.01	REVISE & RE-SUBMIT
15.31 & 15.54	Damper / Duct Accessories	KBE GREENHECK RUSKIN TROX BSB MAT METROPOL AIR TECK AIR MASTER BSP SAFID ATAI	YES	REV.01	REVISE & RE-SUBMIT

Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
15.31 & 15.54	Air Outlet / Louver	KBE TITUS TROX AIR MASTER TECHNOSTREAM COOLING INDUSTRIES GOLDEN STAR	YES	REV.01	REVISE & RE-SUBMIT
15.31 & 15.54	Flexible Duct Connections	DURODYNE DYNAIR SAFID	NO	NO	
15.31 & 15.54	All Kind of Fans	ACME TWINCITY ELTA SODECA VENCO PENN SYSTEM AIR GREEN HECK S&P WOODS	YES	REV.01	REVISE & RE-SUBMIT
15.31 & 15.54	Split Air Conditioners	DAIKEN PETRA SKM PANASONIC MITSUBISHI (MHI) O GENERAL GREE FUJITSU SAMSUNG LG TOSHIBA TRANE MIDEA HAIER CARRIER YORK	Yes	REV.02	REVISE & RE-SUBMIT
15.31 & 15.54	Rooftop Packaged Units	DAIKEN PETRA SKM PANASONIC MITSUBISHI (MHI) O GENERAL DUNHAM-BUSH FUJITSU SAMSUNG LG TRANE YORK MCQUAY	YES	REV.01	REVISE & RE-SUBMIT

		CARRIER			
Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
15.31 & 15.54	Expansion Tanks	FLAMCO ARMSTRONG REFLEX EMRA-IMAS	YES	REV.02	REVISE & RE-SUBMIT
15.31 & 15.54	Double Regulating Valves	CRANE HATTERSLY T&A OVENTROP HOLMES SHIELD ACASO APE	YES	REV.01	REVISE & RE-SUBMIT
15.31 & 15.54	Pipe Flexible Connections	MASON MERCER RUBBER KINETICS TOZEN	NO	NO	
15.31 & 15.54	Fire Hose Reel & Portable Fire Extinguisher	NORSEN ANGUS THORN COMBAT NAFFCO SUZHOU BRISTOL FULLBLAZE TOTAL KIDDE NOHA SHIELD	YES	REV.02	REVISE & RE-SUBMIT
15.31 & 15.54	Galvanized Sheet Metal	NIPPON SUMITOMO SABIC	YES	REV.01	Approve as noted
15.31 & 15.54	Boiler	HURST HOVAL LOOS VISSMAN CLEARVER BROOKS WELLMAN ROBEY BURNHAM DE-DIETRICH CHAPEE SAINT ROCH BIASI IVAR BUDARAES	Yes	REV.03	REVISE & RE-SUBMIT

Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
15.31 & 15.54	Chimney & Chimney Breaching	RITE VENT SELKIRK RAAB DINAK DE DIETRICH METALOTERM ONTOP	NO	NO	
15.31 & 15.54	Air and Dirt Separator	SPIROTECH FLAMCOVENT REFLEX TACO BELL&GOSSET SIPIROVENT PNEUMATIX T&A	Yes	Rev.02	REVISE & RE-SUBMIT
15.31 & 15.54	LPG Valves	CRANE GIACOMINI COMAP TECOFI	YES	REV.02	REVISE & RE-SUBMIT
15.31 & 15.54	PRV's Regulating, Pressure Guages Safety Valves for LPG	FISHER REGO COMAP HOLMES SHEILD	NO	NO	
15.31 & 15.54	Cross Linked Polyethylene (XLPE)	UPONOR LK REHAU HENCO PIPEX AQUAPIPE	YES	REV.02	Approve as noted
15.31 & 15.54	PEX PIPE FITTING	GIACOMINI EMMETI LUXOR OVENTROP FORNARA APE	YES	REV.03	Approve as noted
15.31 & 15.54	Toilet Flushing System	GROHE GEBERIT ALCAPLAST	Yes	Rev.01	REVISE & RE-SUBMIT

Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
15.31 & 15.54	Electric Water Heater	ARISTON BAXI FERROLI THEMEX A.O.SMITH	YES	REV.03	Approve as noted
15.30	Water Tanks	Not Mentioned	NO	NO	
15.23	Vibration Isolator	Not Mentioned	NO	NO	
15.27	LPG Copper pipes	Not Mentioned	Yes	Rev.01	REVISE & RE-SUBMIT
15.33 & 15.34	Poly Proplene pipes	ADASANI	Yes	REV.04	Not Approved
15.25	CPVC Pipes	ADASANI	Yes	REV.03	Approve as noted
15.49	Water Cooler	Not Mentioned	NO	NO	
15.35	Heating Cabinets	Not Mentioned	NO	NO	
15.14	Anti- Scale units	Not Mentioned	NO	NO	
Gen.	Pipe flexible connections	Not Mentioned	NO	NO	
15.12	Radiators	Adarad	YES	REV.02	REVISE & RE-SUBMIT
15.26	Flow meter	Not Mentioned	NO	NO	
15.45	Manhole Cover	Not Mentioned	NO	NO	
15.18	Acoustic Duct Liner	Not Mentioned	NO	NO	
15.42 & 43	Floor Drain, Floor Clean out	Not Mentioned	Yes	Rev.01	Approve as noted
-	Roof Drain	Not Mentioned	Yes	Rev.01	Approve as noted
15.24	Gully Trap	Not Mentioned	Yes	Rev.01	REVISE & RE-SUBMIT
15.25	Roof Vent Cowel	Not Mentioned	Yes	Rev.01	Not Approved
15.3	Manhole Rings	Not Mentioned	Yes	Rev.02	Approve as noted
15.42	LPG Control Panel	Not Mentioned	Yes	Rev.01	REVISE & RE-SUBMIT
15.2	Water & Heating Manifold Cabinet	Not Mentioned	Yes	Rev.01	Not Approved

(Table 57: Materials Submittals - Mechanical Submittals)

Annex – 9 –

Materials Submittals

- Summary of Submitted Materials

9. Materials Submittals

Summary of Submitted Materials

SUMMARY OF SUBMITTED MATERIAL	
Package 1	
ELECTRICAL SUBMITTALS	
Total No. of Materials to be Submitted =	27
Total No. of Submitted Material =	20 (74%)
Percentage of Approved Submitted Material =	45.00%
Percentage of Rejected Submitted Material =	5.00%
Percentage of (Revise & Re-Submit) Material =	50.00%
MECHANICAL SUBMITTALS	
Total No. of Materials to be Submitted =	51
Total No. of Submitted Material =	37 (73%)
Percentage of Approved Submitted Material =	27.03%
Percentage of Rejected Submitted Material =	8.11%
Percentage of (Revise & Re-Submit) Material =	64.86%
ARCHITECTURAL SUBMITTALS	
Total No. of Materials to be Submitted =	41
Total No. of Submitted Material =	11 (27%)
Percentage of Approved Submitted Material =	81.82%
Percentage of Rejected Submitted Material =	9.09%
Percentage of (Revise & Re-Submit) Material =	9.09%
TOTALS	
Total No. of Materials to be Submitted =	119
Total No. of Submitted Material =	68 (57%)
Percentage of Approved Submitted Material =	41.18%
Percentage of Rejected Submitted Material =	7.35%
Percentage of (Revise & Re-Submit) Material =	51.47%

(Table 58: Materials Submittals - Summary of Submitted Materials)

Annex -10-

Obstacles log

(Site Obstacles)

10. Obstacles Log (Site Obstacles)

Wahib Medanat Consultant Engineers

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

(Table 59: Obstacles)

Links:

- 1- Location Links
- 2- Web Site Reports Links

Links:

1- Location Links

- 1.1 [Um Al Dananir Basic Mixed-Balqa](#)
- 1.2 [Al Khansa'a Basic Mixed - Balqa](#)
- 1.3 [Khadija Bint Khwailed Basic Mixed - Balqa](#)

2- Web Site Reports Links

- 2.1 [Daily Reports](#)
- 2.2 [Monthly Reports](#)
- 2.3 [CMTO Inspection Reports](#)
- 2.4 [Quality Reports](#)

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