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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 Khansa' Basic Mixed School
- Um-Aldananir Basic Mixed School


Monthly Progress Report

No. (2)

January, 2021



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Monthly Progress Supervision Report

January 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

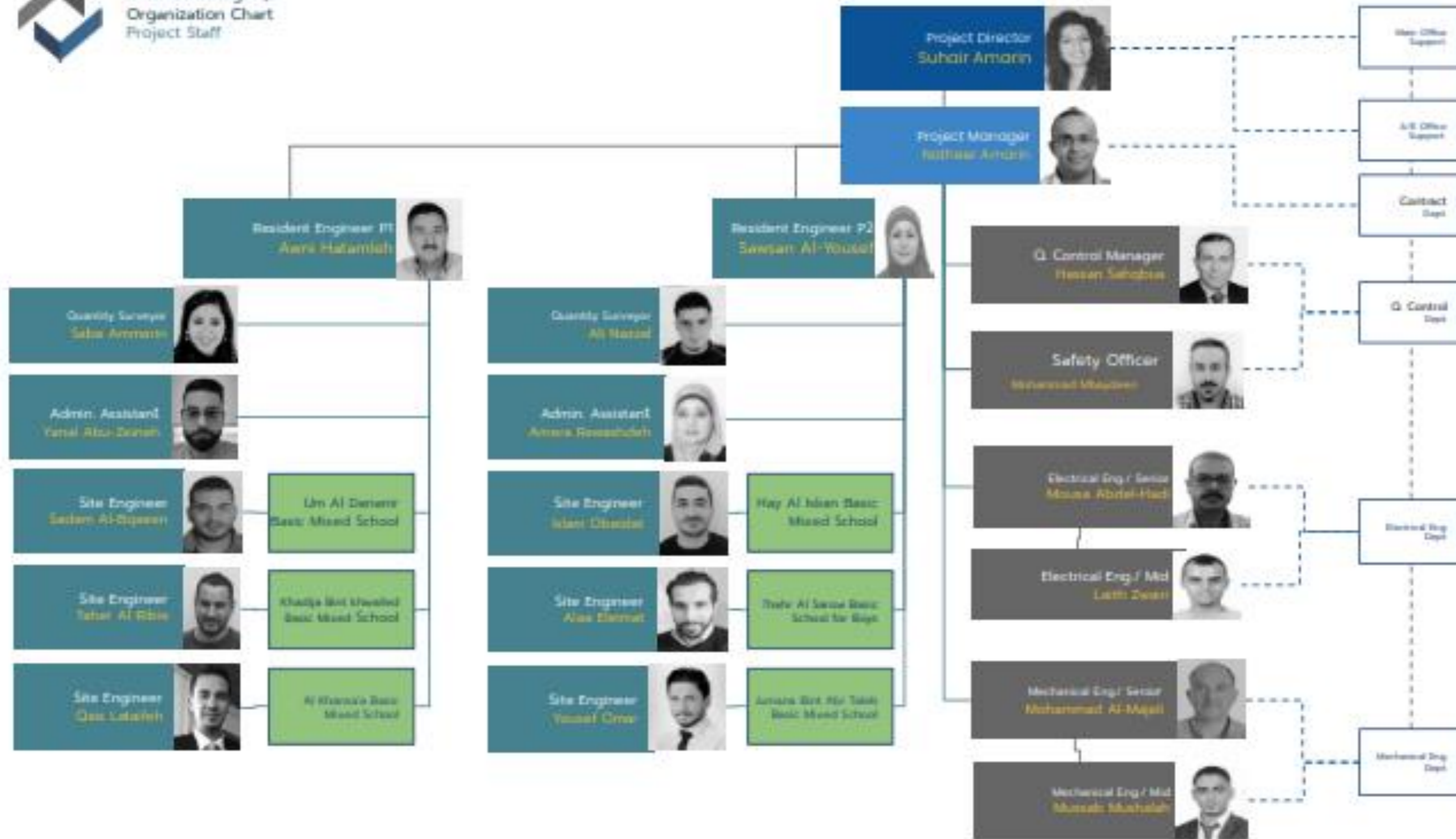
Contract Name:	School for Knowledge Economy Project (SKEP) Phase III – Package (1)
Owner:	Ministry of Education (MOE)
Funded By:	United States Agency for International Development (USAID)
Consultant:	Wahib Medanat Consultant Engineers
Project Management:	Trigon Associates
Contractor:	Derar Saraireh & 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 II 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	44 Days out of 450 = 9.78% 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 %	98 %
5.	Construction %	3.48 % (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
- Al Khansa’ Basic Mixed School- Balqa
- Um-Aldananir Basic Mixed School- Balqa

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

Schools for Knowledge Economy Project SKEP III				Monthly work completed						
Consultant	Wahib Medanat Consultant Engineers			Rep No.						
Site Name	Khadija Bint Khwailed Mixed Basic School - Al Shouna Al Janobia			Date	31	/ 01 /	2021			
Package Contractor	Package 1									
Tender No.	Derar alsaraireh&sons Company									
	1/2020/USAID/SKEP/3/1									
Details of completed and in progress works				Month	January	Year	2021			
Item No.	Item Description	Qty	Unit	Unit Price in BOQ	Total value	Total value in BOQ	Percentage completed from the whole item	Percentage completed from the whole School	Percentage Scheduled	Notes
1.1a	Provide complete prefabricated temporary site offices for the Enginee	70	m ²	150	10500	8250	127.27%	0.35%	100.00%	
1.1b	Provide furniture and equipment to the site offices	1	LS	11603	11603	11603	100.00%	0.39%	100.00%	
1.1c	Provide all services to site offices	17	month	1166.7	19833.4	19833.39	100.00%	0.66%	100.00%	
1.1d	Provide steel fence of 2 m high around construction site	369.500	LM	27	9976.5	12150	100.00%	0.33%	100.00%	
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.	680	1360	1360	100.00%	0.05%	100.00%	
2	<u>DIVISION2-SITE CONSTRUCTION</u>									
2.1	<u>SECTION 02240-Geotextile</u>									
2.1.1	supply and install geotexil filters layers under agricultural soil and sand bits.	0	m2	1	0	300	0.00%	0.00%	100.00%	
2.3	<u>SECTION 02300-Earthwork</u>									
2.3.1a	General Excavation (Common Excavation) for building and external works	14334	m ³	4	57336.5	65040	88.16%	1.91%	100.00%	
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	m ³	2	9768.8	23120	42.25%	0.33%	100.00%	

a.	blinding for foundation, footing, ground beams for school building, guard house, canteen.	177.22	m ³	62	10987.6	21390	51.37%	0.37%	100.00%	
3.2.3	<u>Rienforced concrete grade 30 N/mm2</u>									
a.	for foundation, footing, grade beams for school building, guard house, canteen	287.05	m ³	70	20093.2	115150	17.45%	0.67%	100.00%	
3.5	<u>SECTION 03200-CONCRETE REINFORCED</u>									
3.5.1	supply, cut, fabricate and install steel bar reinforcement of 420 N/mm ²									
a	for school building, guard house, canteen	33.283	TON	690	22965.3	372600	6.16%	0.77%	100.00%	
7.2.1	Supply and apply three perpendicular coats cold fluid									
a.	for buildings: to all structural elements below slab on grade	1775.2	m ²	4	7100.89	26320	26.98%	0.24%	100.00%	

Al Khansa' Basic Mixed School- Balqa

Schools for Knowledge Economy Project SKEP III				Monthly work completed						
Consultant	Wahib Medanat Consultant Engineers			Rep No.						
Site Name	Al Khansa' Basic Mixed School - Al Balqa			Date	31	/ 01 /	2021			
Package	Package 1									
Contractor	Derar alsaraireh&sons Company									
Tender No.	1/2020/USAID/SKEP/3/1									
Details of completed and in progress works				Month	January	Year	2021			
Item No.	Item Description	Qty	Unit	Unit Price in BOQ	Total value	Total value in BOQ	Percentage completed from the whole item	Percentage completed from the whole School	Percentage Scheduled	Notes
1.1a	Provide complete prefabricated temporary site offices for the Engineer	70	m ²	150	10500	8250	127.27%	0.28%	100.00%	
1.1b	Provide furniture and equipment to the site offices	1	LS	11603	11603	11603	100.00%	0.31%	100.00%	
1.1c	Provide all services to site offices	17	month	1167	19833.4	19833.39	100.00%	0.53%	100.00%	
1.1d	Provide steel fence of 2 m high around construction site	490.000	LM	27	13230	11070	100.00%	0.35%	100.00%	
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.	680	1360	1360	100.00%	0.04%	100.00%	
2	<u>DIVISION2-SITE CONSTRUCTION</u>									
2.1	<u>SECTION 02240-Geotextile</u>									
2.1.1	supply and install geotextil filters layers under agricultural soil and sand bits.	0	m2	1.2	0	90	0.00%	0.00%	100.00%	
2.3	<u>SECTION 02300-Earthwork</u>									
2.3.1a	General Excavation (Common Excavation) for building and external works	30587.2	m ³	4	122349	247380	49.46%	3.26%	100.00%	
2.3.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	361.751	m ³	0	0	0	0.00%	0.00%	100.00%	
a.	blinding for foundation,footing,ground beams for school building.guard house,canteen.	177.22	m ³	62	10987.6	21390	51.37%	0.29%	100.00%	
3.2.1.b	Blinding for boundary walls, underground water tank, sewage collection tank and site works.	39.641	m ³	185	7333.59	11100	66.07%	0.20%	100.00%	
3.2.3.c	Reinforced concrete grade 30 for boundary walls including PVC water stops (250mm) and weep holes (uPVC dia 10 cm) stagged as per drawings	0	m3	87	0	176175	0.00%	0.00%	100.00%	

Um-Aldananir Basic Mixed School- Balqa

Schools for Knowledge Economy Project SKEP III				Monthly work completed						
Consultant	Wahib Medanat Consultant Engineers			Rep No.						
Site Name	Um Al Dananir Basic Mixed School - Al Balqa			Date	31	/ 01 /	2021			
Package	Package 1									
Contractor	Derar alsaraireh&sons Company									
Tender No.	1/2020/USAID/SKEP/3/1									
Details of completed and in progress works				Month	January	Year	2021			
Item No.	Item Description	Qty	Unit	Unit Price in BOQ	Total value	Total value in BOQ	Percentage completed from the whole item	Percentage completed from the whole School	Percentage Scheduled	Notes
1.1a	Provide complete prefabricated temporary site offices for the Engineer	120	m ²	150	18000	18000	100.00%	0.56%	100.00%	
1.1b	Provide furniture and equipment to the site offices	1	LS	11602.67	11602.7	11602.67	100.00%	0.36%	100.00%	
1.1c	Provide all services to site offices	17	month	1166.67	19833.4	19833.39	100.00%	0.62%	100.00%	
1.1d	Provide steel fence of 2 m high around construction site	257	LM	27	6939	11340	100.00%	0.22%	100.00%	
1.2	Supply and install steel sign boards of shape and design as indicated in the technical specifications	2	No.	680	1360	1360	100.00%	0.04%	100.00%	
2.1.1	<u>DIVISION2-SITE CONSTRUCTION</u>									
2.1	<u>SECTION 02222-Minor Demolition and Remodeling</u>	1	LS	2900	2900	2900	100.00%	0.09%	100.00%	
2.1.1	<u>Existing Facilitateis</u>									
a.	Existing buildings									
b.	Existing Boundary wall									
c.	Existing Fence									
d.	Any other items shown on drawings.									
2.2	<u>SECTION 02240-Geotextile</u>									
2.2.1	supply and install geotexil filters layers under agricultural	0	m2	1.1	0	16.5	0.00%	0.00%	100.00%	
2.3	<u>SECTION 02300-Earthwork</u>									
2.3.1a	General Excavation (Common Excavation) for building and external works	2841.5	m ³	5	14207.7	24425	58.17%	0.44%	100.00%	
2.3.1b	Excavation for footing, foundation, tie beams for school building, guard house, canteen, boundary wall, sewage collecting tank, and wherever required.	6877.5	m ³	5	34387.5	49675	69.22%	1.07%	100.00%	
3.2	<u>SECTION 03300-CAST IN PLACE CONCRETE</u>									
3.2.1	plain concrete grade 15N/mm2									
a.	blinding for foundation, footing, ground beams for school building, guard house, canteen.	216.55	m3	55	11910.3	19525	61.00%	0.37%	100.00%	

Meetings and Site Visits Logs

Coordination and Progress Meetings

Coordination & Progress Meetings				
No.	Date	Location	Parties	Agenda
1	04/01/2021	Wahib Medanat Consultant Engineers Office	<ul style="list-style-type: none"> ▪ MPWH ▪ USAID ▪ TRIGON ▪ Wahib Medanat ▪ Dijlah Est. Const. Contr. ▪ Derar Saraireh Eng & Contr. 	<p>Pre- Construction Conference</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 ▪ Dijlah Est. Const. Contr. ▪ Derar Saraireh Eng & Contr. 	<p>January Monthly Meeting</p> <ul style="list-style-type: none"> ▪ Health, Safety and Environment ▪ Mobilization ▪ Progress in Boundary Walls Review ▪ Progress Review in general ▪ Construction Schedule and Update- Using the construction schedule, review and projection/ The Contractor. ▪ Quality Control ▪ Status of Submittals ▪ Off-Site Fabrication and Materials Delivery

Site Visits

Site Visits				
No.	Date	Location	Parties	Agenda
1	13/01/2021	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia	<ul style="list-style-type: none"> ▪ Wahib Medanat Office Support 	<ul style="list-style-type: none"> ▪ checking work progress, the contractor performance and the safety measures taken by the Contractor.
2	13/01/2021	Al Khansa' Basic Mixed School- Balqa	<ul style="list-style-type: none"> ▪ Wahib Medanat Office Support 	<ul style="list-style-type: none"> ▪ to check the progress of the excavation works and the safety measures taken by the contractor.
3	17/01/2021	Um Al Dananir Basic Mixed school- Al Shouna Al Janobia	<ul style="list-style-type: none"> ▪ CMTO ▪ Wahib Medanat ▪ Derar Saraireh Eng & Contr. 	<ul style="list-style-type: none"> ▪ Discussing Health and Safety issues at the construction site and checking the Contractor compliance with health and safety measures.
4	25/01/2021	Al Khansa' Basic Mixed School- Balqa	<ul style="list-style-type: none"> ▪ CMTO ▪ Wahib Medanat ▪ Derar Saraireh Eng & Contr. 	<ul style="list-style-type: none"> ▪ Discussing Health and Safety issues at the construction site and checking the Contractor compliance with health and safety measures.
5	25/01/2021	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia	<ul style="list-style-type: none"> ▪ CMTO ▪ Wahib Medanat ▪ Derar Saraireh Eng & Contr. 	<ul style="list-style-type: none"> ▪ Discussing Health and Safety issues at the construction site and checking the Contractor compliance with health and safety measures.

				▪
Regular Monthly Sits Visits (Home Office Support)				
6	12/01/2021	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 remaining boreholes in order to follow up this issue with the designer and the Geotechnical lab. ▪ Discussing expedite of the retaining and boundary wall for safety purposes.
7	12/01/2021	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia	Engineer rep.	<ul style="list-style-type: none"> ▪ Follow up the execution of the main building footing. ▪ Discussing the situation of existing boundary wall for neighbors and collecting all the information needed to send RFI for the designer to solve the difference in levels between the wall footing and the proposed sidewalk FFL. ▪ Discussing the security issue.
8	27/01/2021	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. <ul style="list-style-type: none"> Follow up progress of work.
--	--	--	--	--

(Table 3: Site Visits)

Correspondence Logs

Official Letters		
Number of Incoming Letters	Number of Outgoing Letters	Notes
152	85	--

(Table 4: Correspondence Logs)

Submittals Logs

Shop Drawing Log

Shop-Drawings				
Submittal	Arch.	Civil	Electrical	Mechanical
	No.	No.	No.	No.
Total	0	34	38	12
Submitted this Month	0	34	38	12
Approved	-	5	-	-
Approved as Noted	-	18	6	1
Resubmit	-	5	7	6
Reject	-	5	-	-
Under Revision	-	1	25	5
Remaining	-	-	-	-

(Table 5: Submittals Log - Shop Drawings)

Materials Log

Material Submittals				
Submittal	Arch.	Civil	Electrical	Mechanical
	No.	No.	No.	No.
Total	-	8	8	35
Submitted this Month	1	3	4	35
Approved	-	-	-	-
Approved as Noted	-	3	1	3
Resubmit	-	-	1	10
Reject	-	-	1	1
Under Revision	-	-	1	21
Remaining	-	-	-	-

(Table 6: Submittals Log-Materials Log)

Lab-Test Results Log

Lab-Test Reports			
Number of Reports	School Name	Test Results %	
		Pass	Fail
4	Khadija Bint Khwailed Basic Mixed School- Al-Shouna Al-Janobia	100%	-
3	Al Khansa' Basic Mixed School-Balqa	100%	-
1	Um-Aldananir Basic Mixed School-Balqa	100%	-

(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	Al Khansa' Basic Mixed School-Balqa	Balq'a	No Demolition Works is needed in this site
3	Um-Aldananir Basic Mixed School-Balqa	Balq'a	Demolition Work has been completed.

(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		Al Khansa' Basic Mixed School	Inspected	approved	20/12/2020
3		Um-Aldananir Basic Mixed School	Inspected	approved	28/12/2020

(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	44 Days	4.66%	3.75%	-0.91%
2	Al Khansa' Basic Mixed School	450 Days	44 Days	4.66%	4.90%	0.24%
3	Um-Aldananir Basic Mixed School	450 Days	44 Days	4.66%	1.97%	-2.69%

(Table 10: Progress Table)

Selected Photos

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



Khadija Bint
Khwailed Basic
Mixed School

03/01/2021



12/01/2021



23/01/2021



31/01/2021



Al Khansa'
Basic Mixed
School

04/01/2021



13/01/2021



23/01/2021

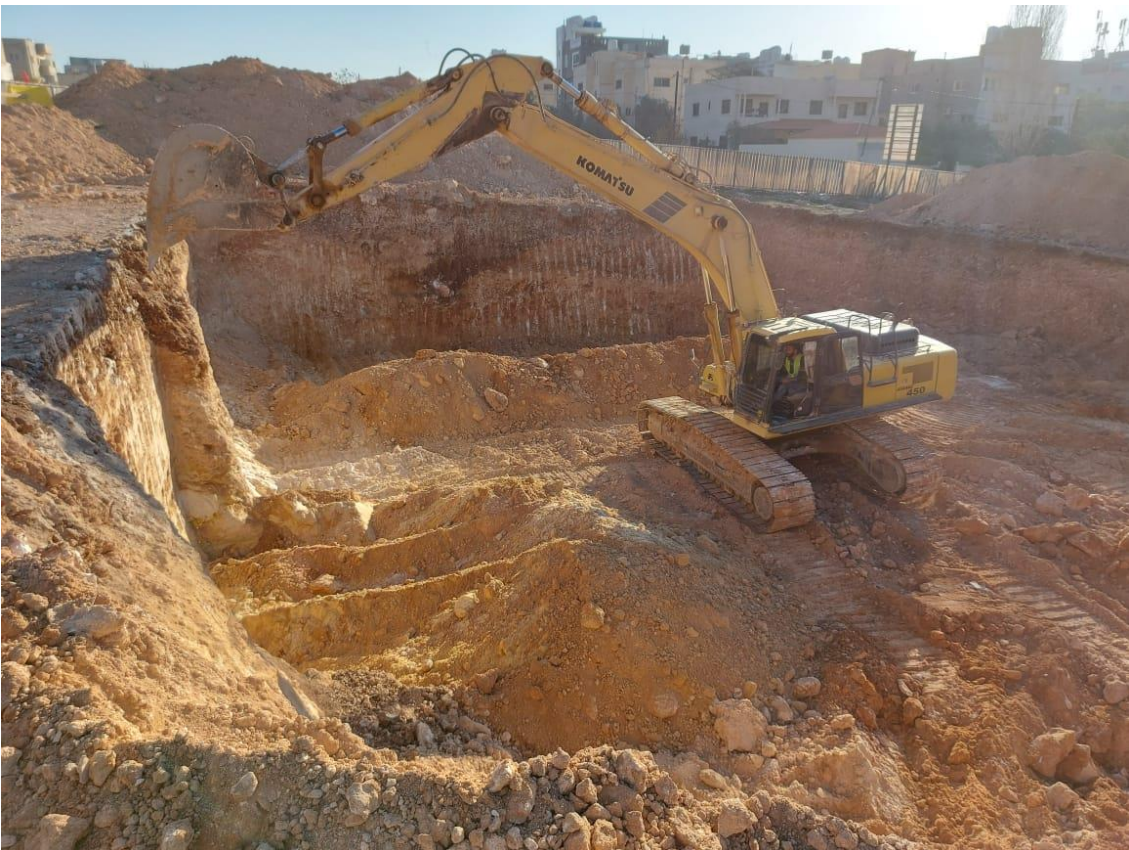


31/01/2021



Um-Aldananir
Basic Mixed
School

04/01/2021



11/01/2021



23/01/2021



31/01/2021

Site problems and Solutions

Khadija Bint Khwailed Basic Mixed School

The neighbor's plot limit from one side is inside the school's plot. The Designer provided two options for resolving this violation. First, is to demolish the existing neighbor's boundary wall and constructing new one. The other is to construct a new wall adjacent to the existing one which is rejected by MPWH since this solution will take part from the school's plot

Al Khansa' Basic Mixed School

The soil test was not completed in the design stage. Only three boreholes were done instead of needed eight boreholes due to inaccessibility at the design stage. At this stage considerable part of the excavation work was completed and the soil testing laboratory will start his work in two days' time in coordination with us and the 'Designer'. The necessary new soil test report is expected to be issued by the said laboratory to determine the next step by the 'Designer' in relation to the adopted bearing capacity in the original design.

Um-Aldananir Basic Mixed School

The adjacent street from one side is inside the school plot by 0.5 m at the beginning of one side reaches 5 m at the end of the side. The said status prevents the construction of the electrical transformer and obstructs the harvesting of rain water.

In addition to this, a neighbor boundary wall is constructed at the border inside the plot of the school which prevents the construction of the school boundary wall as per design drawings. This issue was forwarded to MPWH to obtain decisions.

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**
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- **Annex 3. Submittals Log**
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 - 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
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 - 3.4.1: Civil Shop Drawings
 - 3.4.2: Civil Materials Submittal
- **Annex 4. Site Visits Report & Meetings**
 - 4.1 Meetings
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 - 6.1 Tracking Log
 - 6.2 Excerpts of Sampling & Testing
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- **Annex 8. Non-Conformance Report Tracking Log**
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 - 9.1 Architectural Submittals
 - 9.2 Electrical Submittals
 - 9.3 Mechanical Submittals
 - Summary of Submitted Materials
- **Annex 10: Obstacles Log**

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

Um-Aldananir Basic Mixed School- Balqa

DAILY PLANT & EQUIPMENT LOG																															
Jan. 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	29	30	31
loader		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
excavator		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	0	0		0	0
generator		4	4	4	4	4	4		4	4	4	4	4	4		4	4	4	4	4	4		4	4	4	4	4	4		4	4
mobile crane		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
earth roller		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
truck		7	7	6	6	7	6		6	6	6	6	6	6		6	6	6	6	6	6		8	8	8	8	2	2		2	2
Bobcat		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	1	1	1	1	1		1	1
Compressor		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	1
Total		16	16	15	15	16	15		15	15	15	15	15	15		15	15	15	15	15	15		17	18	18	18	10	10		10	11

(Table 11: 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																															
Jan. 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	29	30	31
Generator		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
Welding Machine		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
Loader		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2
Compressor		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
Mucking truck		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
Excavator		3	3	3	3	3	3		3	3	3	3	3	3		3	3	3	3	3	3		3	3	3	4	4	4		4	4
Bulldozer		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
Compactor														1							1										
Total		10	10	10	10	10	10		10	10	10	10	10	11		10	10	10	10	10	11		10	10	10	11	11	11		11	11

(Table 12: Daily Plant & Equipment Log (Al Khansa' Basic Mixed School))

1.1 Daily Plant & Equipment Log

Wahib Medanat Consultant Engineers

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

DAILY PLANT & EQUIPMENT LOG																															
Jan. 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	29	30	31
loader		1	1	1	1	1	1		1	1	1	1	1	0		0	0	1	0	0	0		1	0	0	0	0	0		0	0
digger		1	1	1	1	1	1		1	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0
bulldozer		1	1	1	0	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	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	1	1	1	1	1		1	1	1	1	1	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0
Truck		0	0	2	2	2	2		2	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0
plate compactor		0	0	0	0	0	0		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
pick up		0	0	0	0	0	0		0	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
Hydraulic rebar cutter bender		0	0	0	0	0	0		0	0	0	0	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2
concrete vibrator		0	0	0	0	0	0		0	0	0	0	0	0		0	0	3	0	0	0		0	3	0	0	0	0		0	0
Total		4	5	7	5	5	5		6	4	4	4	6	4		4	4	8	4	4	4		5	7	4	4	4	4		4	4

(Table 13: Daily Plant & Equipment Log (Khadija Bint Khwailed 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 Jan. 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	29	30	31
site engineer		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
foreman engineer		1	1	1	1	2	2		2	1	1	1	1	1		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	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	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	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	1		1	1
Technical		2	2	2	2	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0		0	0
electrical engineer		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
carpenter		2	2	2	2	5	1		1	4	4	7	7	7		8	8	8	8	8	8										
workers		3	3	3	3	5	3		3	7	5	10	12	12		14	9	9	3	3	3										
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	1		1	1
Guard		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
Driver		1	1	1	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2
Surveyor		1	1	1	1	1	1		1	2	2	2	2	2		2	2	2	2	2	2		2	2	2	2	2	2		2	2
steel fixer		1	1	1	1	3	1		1	6	4	6	7	7		12	12	12	20	20	20										
electricity technician		0	0	0	0	1	1		1	2	2	2	2	2		1	1	1	1	1	1		1	1	1	1	1	1		1	1
Total		20	20	20	21	28	20		20	33	29	39	42	42		50	45	45	47	47	47		16	16	16	16	16	16		16	16

Table 14: Daily Manpower Log (Khadija Bint Khwailed Basic Mixed School)

1.2 Daily Manpower Log

Wahib Medanat Consultant Engineers

Al Khansa' Basic Mixed School- Balqa

Daily Manpower Log Jan. 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	29	30	31
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	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	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	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	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	1		1	1
Safety officer		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1		1	1
labor		7	7	7	7	7	7		7	7	7	7	7	7		10	10	10	10	10	5		10	10	10	10	10	10		10	10
Carpenter		0	0	0	0	0	0		0	0	0	0	0	0		5	5	5	5	0	5		5	5	5	5	5	5		5	5
Steel Fixer		0	0	0	0	0	0		0	0	0	0	0	0		10	10	10	10	0	10		10	10	10	10	10	10		10	10
Total		14	14	14	14	14	14		14	14	14	14	14	14		32	32	32	32	17	27		32	32	32	32	32	32		32	32

(Table 15: Daily Manpower Log (Al Khansa' Basic Mixed School))

1.2 Daily Manpower Log

Wahib Medanat Consultant Engineers

Um-Aldananir Basic Mixed School- Balqa

Daily Manpower Log Jan. 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	29	30	31
project manager	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
site engineer	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
quantity surveyor	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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	1	1	1	1	1	1	1	1
safety officer	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
planning engineer	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
fresh graduate engineer	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	
foreman	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
driver	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
laborer	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	12	12	11	11	15	15	
skilled laborer	0	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
electrical engineer	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
electricians	2	2	2	2	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
mechanical engineer	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
mechanical tech	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
plumber	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	
surveyor	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
steel fixer	3	3	3	3	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
store keeper	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
office boy	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
bricklayer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
carpenter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	1	1	1	1	1	1	
PAINTERS	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
steel fabricator	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total		27	29	34	34	22	24		25	23	23	28	23	23		23	26	23	23	23	23		23	23	23	30	33	31		31	0

(Table 16: Daily Manpower Log (Um-Aldananir 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	31	January	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%		16.09%	13.96%		
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 17: 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 counsultant engineers			Rep No.	S3P1		
Contractor	Derar Saraireh & Sons for Engineering &			Tender No	1/2020/USAID/SKEP/3/1		
Site	Um Al Dananir Basic Mixed - Balqa			Package	Package 1		
Day & Date	Sunday	31	January	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%		16.09%	13.96%		
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 18: 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	31	January	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%		16.09%	13.96%		
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)

1.3 Percentage of Completion

Wahib Medanat Consultant Engineers

Index

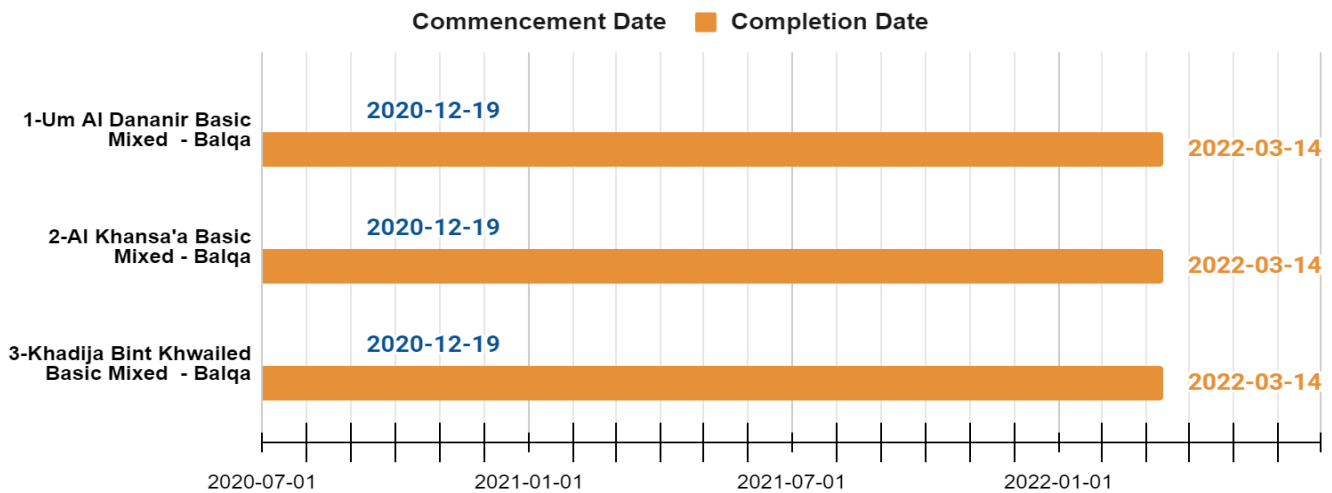
Time and Progress

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1. Time Sheet 2021-01-31

Site Name	Contract Duration Calendar Day (CD)	Commencement Date	Completion Date	Approved Extension Time	Completion Date with Extension Time	Elapsed Time
1-Um Al Dananir Basic Mixed - Balqa	450	2020-12-19	2022-03-14	0	2022-03-14	9.56%
2-AI Khansa'a Basic Mixed - Balqa	450	2020-12-19	2022-03-14	0	2022-03-14	9.56%
3-Khadija Bint Khwailed Basic Mixed - Al-Shouna Al-Janobia	450	2020-12-19	2022-03-14	0	2022-03-14	9.56%

(Figure 1: Percentage of Completion)

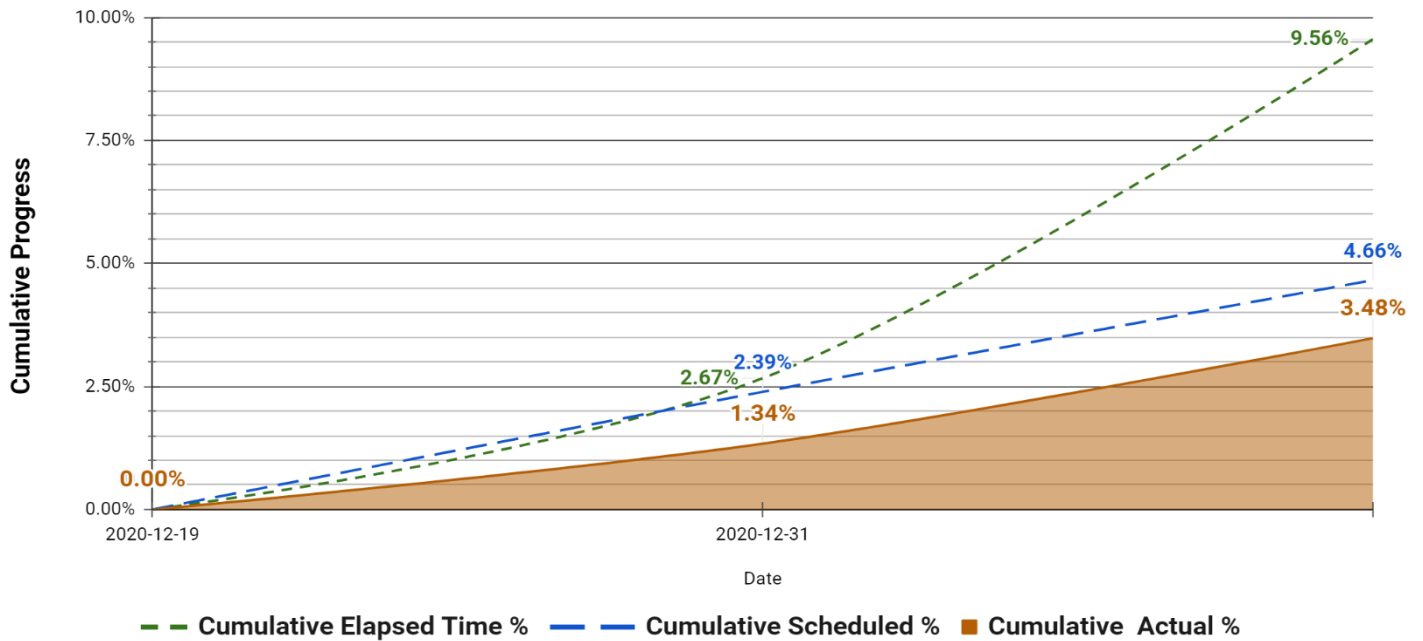


2. Cumulative Progress

2.1. Package Average Cumulative Progress

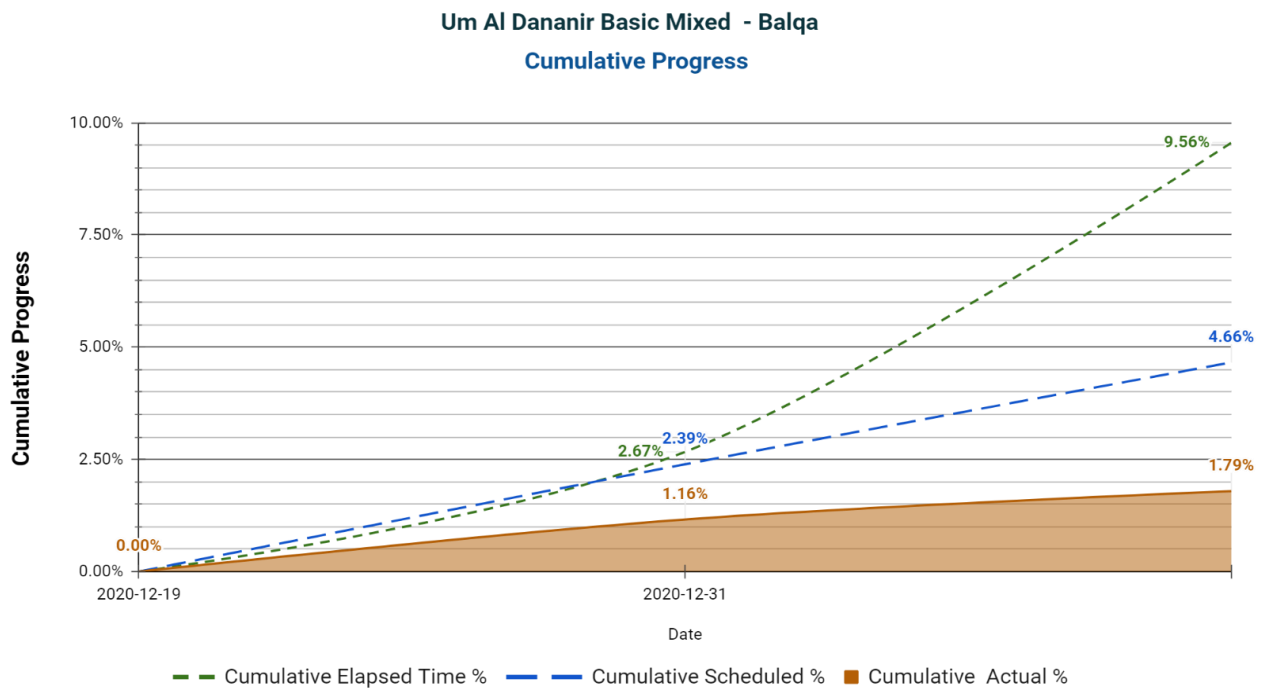
Site Name	School for Knowledge Economy Project (SKEP) Phase III – Package (1)		
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	2.39%	1.34%
2021-01-31	9.56%	4.66%	3.48%

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



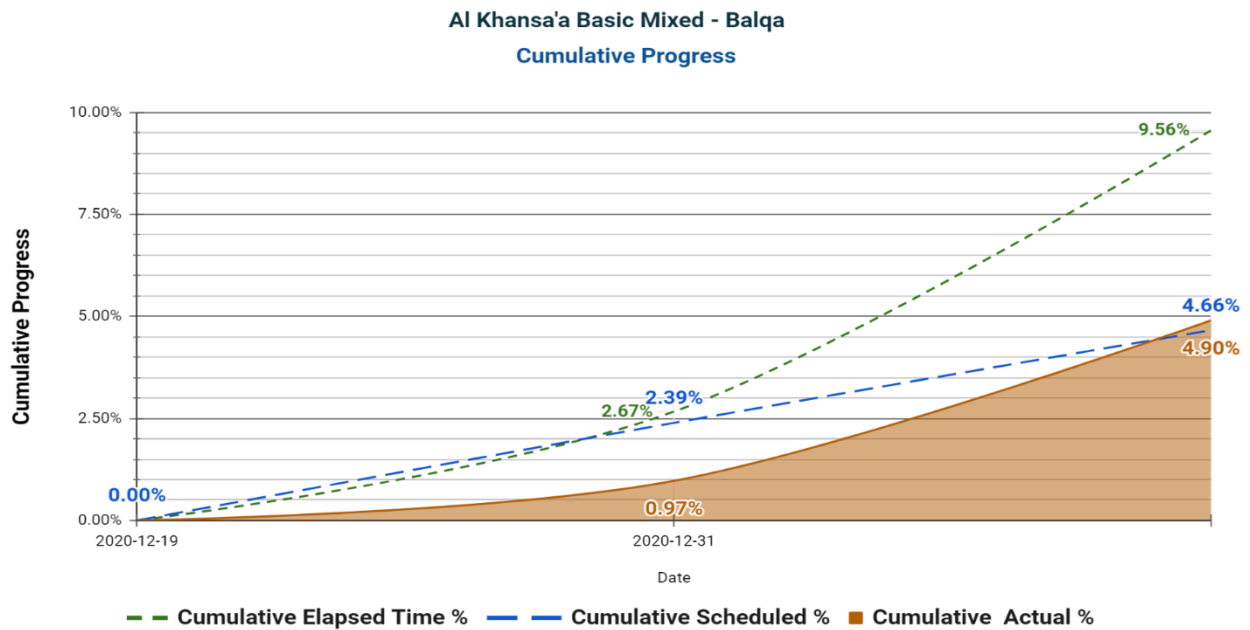
2.2. Um Al Dananir Basic Mixed – Balqa - Average Cumulative Progress

Site Name	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%	2.39%	1.16%
2021-01-31	9.56%	4.66%	1.79%



2.1. Al Khansa'a Basic Mixed - Balqa - Average Cumulative Progress

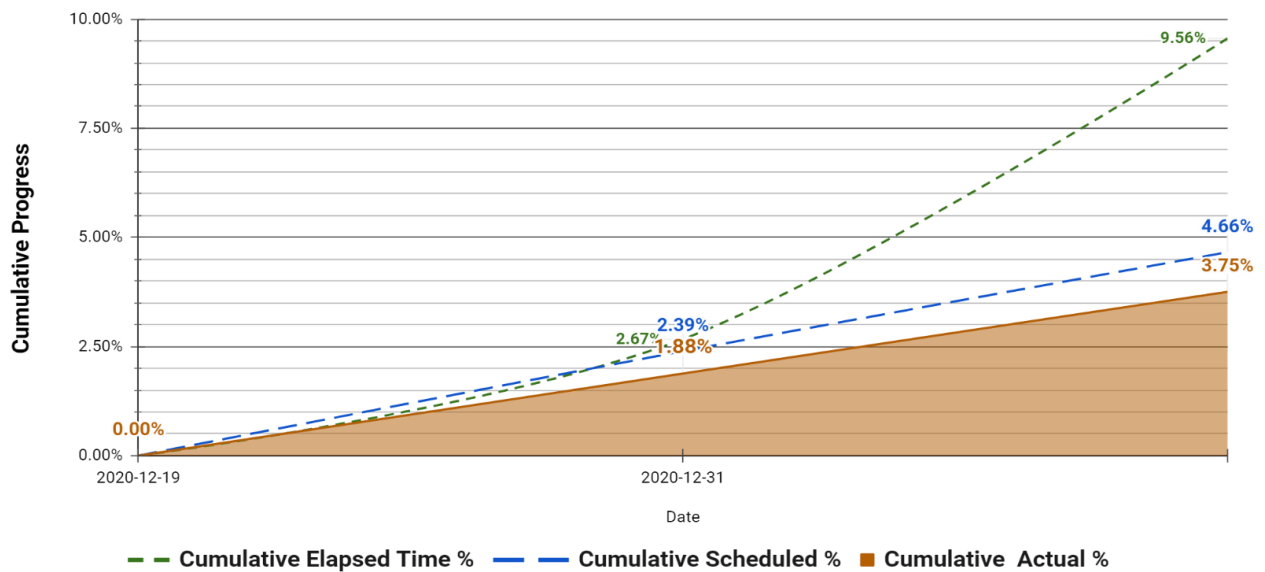
Site Name	2-AI Khansa'a Basic Mixed - Balqa		
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	2.39%	0.97%
2021-01-31	9.56%	4.66%	4.90%



2.1. Khadija Bint Khwailed Basic Mixed - Al-Shouna Al-Janobia - Average Cumulative Progress

Site Name	3-Khadija Bint Khwailed Basic Mixed - Al-Shouna Al-Janobia		
Date	Cumulative Elapsed Time %	Cumulative Scheduled %	Cumulative Actual %
2020-12-19	0.00%	0.00%	0.00%
2020-12-31	2.67%	2.39%	1.88%
2021-01-31	9.56%	4.66%	3.75%

Khadija Bint Khwailed Basic Mixed - Balqa
Cumulative Progress



3. Comments on the Progress

3.1. Average for the three schools:

3.1.1. The actual progress is going on close to the scheduled progress less by 1.2% only.

3.2. Um Al-Dananir School:

The actual progress in this school is less than the scheduled progress by 2.8%. This delay is due to number of obstacles existed in the site and postponed the work to start.

Those obstacles are summarized as follows:

3.2.1. Excavated materials and debris from unknown source covering the site.

3.2.2. A working water pipe going through the plot.

3.2.3. An adjacent street at one side is partially existing inside the school land.

3.3. Al Khansa' School:

The actual progress in January was 4.90% ahead of scheduled progress by 0.24%.

3.4. Khadija School:

The actual progress in January reached a percentage of 3.75% close to the scheduled progress of 4.66%.

In accordance to the above, the Contractor managed to keep the actual progress close to the scheduled progress.

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
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	1.68% weighted from the total project sum	-A10	0	0	0	4.29%	* COMPLETED WORKS: - EXCAVATION FOR BUILDING - BLINDING FOR BUILDING - FOUNDATION WORKS
2.	Um-Aldananir Basic Mixed School	Balqa	1.51% weighed from the total project sum	0.4% weighted from the total project sum	0	0	0	0	0	1.91%	**FINISH DEMOLISHING WORKS AND EXCAVATION WORKS FOR THE BUILDING FOUNDATION **THE BLINDING FOR THE FOUNDATION HAS BEEN CASTED AND THE CONTRACTOR STARTED INSULATION AND FORM WORK ACTIVITIES
3.	Al Khansa' Basic Mixed School	Balqa	3.26% weighted from the total project sum	0.49% weighted from the total project sum	0	0	0	0	0	3.75%	-

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		0	319,330.82
Total		1,957,883.56	2,277,214.38

(Table 19: Cash-Flow (Progress Payment and Planned Progress))

Package 1- Cash Flow

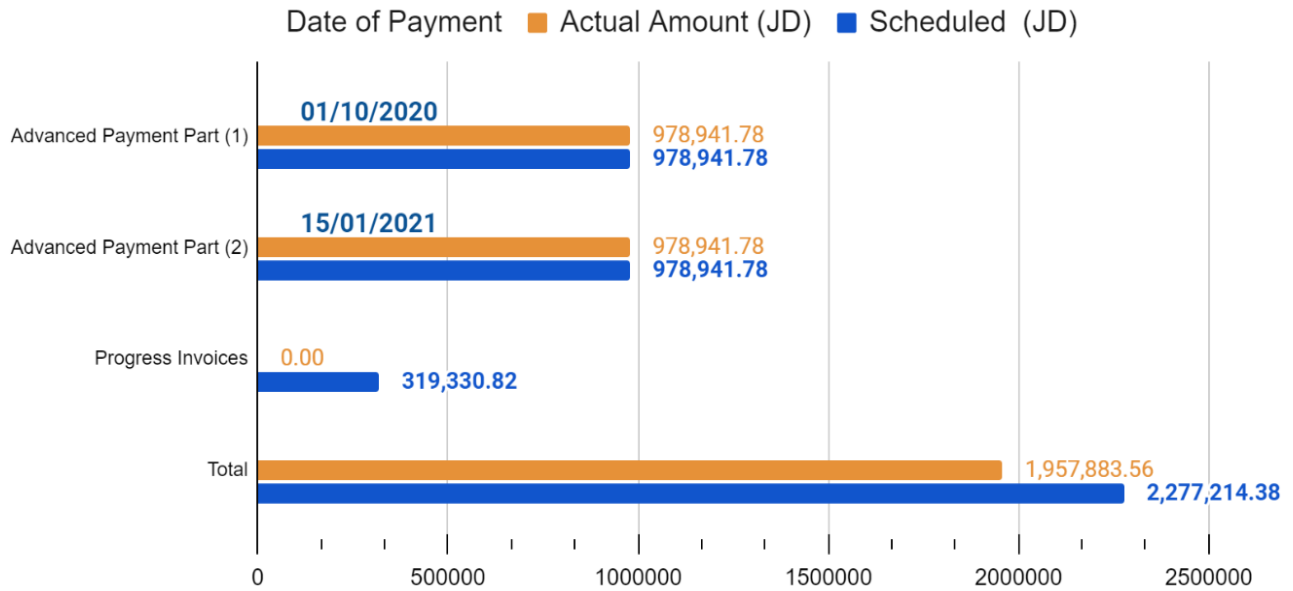


Figure 2: Cash-Flow (Charts) - Progress Payment and Planned Progress

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/2020/79/695	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Excavated Material	X		Eng. Awni Hatamleh	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-11.pdf	\\...\\Scanned Files\\Scanned-الكتب-الصادر\\Package 1\\2021-368-1-2-57.pdf	
2	USAID/2020/80/696	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Work Plan	X		Eng. Awni Hatamleh	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-12.pdf	\\...\\Scanned Files\\Scanned-الكتب-الصادر\\Package 1\\2021-368-1-2-112.pdf	
3	USAID/2020/81/697	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Environmental Monitoring and Management Plan	X		Eng. Awni Hatamleh	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-13.pdf	\\...\\2021-368-1-2-62.docx	
4	USAID/2020/82/698	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Telephone Mobile	X		Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-14.pdf	\\...\\Scanned Files\\Scanned-الكتب-الصادر\\Package 1\\2021-368-1-2-40.pdf	
5	USAID/2020/83/705	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Material Submittal for Hot Water Pipes & Radiators	X		Eng. Mohammad Almajale	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-15.pdf	\\...\\Submittal action forms\\Mechanical Submittals\\M-002.docx	
6	USAID/2020/84/706	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Taxt Exemption	X		Eng. Awni Hatamleh	USAID	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-16.pdf	\\...\\2021-368-1-3-111.docx	
7	USAID/2020/85/707	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Lightning Protection and Earthing System Material	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-17.pdf	\\...\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\outgoing\\E-003.pdf	
8	USAID/2020/86/708	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan- Lightning System	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-18.pdf	\\...\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\outgoing\\E-001 -	
9	USAID/2020/87/709	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan- Lightning System	X		Eng. Musa Abdelhadi Eng. Laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-19.pdf	\\...\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\outgoing\\E-001 -	
10	USAID/2020/89/711	03/01/2021	04/01/2021	Derar Saraireh & sons for Engineering & Contracting	Water Tank Mechanical First Fix Submittal	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-35.pdf	\\...\\Submittal action forms\\Mechanical Submittals\\Document Submittal-M-001- Khansa'.docx	
11	USAID/2020/90/712	03/01/2021	04/01/2021	Derar Saraireh & sons for Engineering & Contracting	Water Tank Mechanical First Fix Submittal	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-36.pdf	\\...\\Submittal action forms\\Mechanical Submittals\\Document Submittal-M-001- Khansa'.docx	
12	USAID/2020/91/713	03/01/2021	04/01/2021	Derar Saraireh & sons for Engineering & Contracting	Water Tank Mechanical First Fix Submittal	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	\\...\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-37.pdf	\\...\\Submittal action forms\\Mechanical Submittals\\Document Submittal-M-001	

Table 20: 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/2020/92/714	03/01/2021	04/01/2021	Derar Saraireh & sons for Engineering & Contracting	Rain Water Mechanical First Fix Submittal	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-38.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\Document Submittal-M-002 Um Aldeccan.docx	
14	USAID/2020/96/728	05/01/2021	05/01/2021	Derar Saraireh & sons for Engineering & Contracting	Tax Exemption	X		Eng. Awni Hatamleh	USAID	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-51.pdf	..\\..\\2021-368-1-3-166.docx	
15	USAID/2020/97/729	05/01/2021	05/01/2021	Derar Saraireh & sons for Engineering & Contracting	Extruded Polystyrene Material Submittal	X		Eng. Hasan Shaqbua	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-52.pdf	..\\..\\Submittal action forms\\Civil Submittals\\Scanned-Submittal\\outgoing\\C-..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-52.pdf	
16	USAID/2020/93/717	03/01/2021	05/01/2021	Derar Saraireh & sons for Engineering & Contracting	GI Pipes for Domestic Water	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-48.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\outgoing\\M-002.pdf	
17	USAID/2020/94/726	05/01/2021	05/01/2021	Derar Saraireh & sons for Engineering & Contracting	Advance Payment	X		Eng. Awni Hatamleh Eng. Natheer Amareen	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-49.pdf	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-368-1-2-113.pdf	
18	USAID/2020/95/727	05/01/2021	05/01/2021	Derar Saraireh & sons for Engineering & Contracting	Material Submittal for Pipes	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-50.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\M-001.docx	
19	USAID/2020/100/733	05/01/2021	06/01/2021	Derar Saraireh & sons for Engineering & Contracting	Mobile Telephones	X		Eng. Hasan Shaqbua	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-54.pdf	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-368-1-2-56.pdf	
20	USAID/2020/101/734	06/01/2021	06/01/2021	Derar Saraireh & sons for Engineering & Contracting	Contractor's Site Staff	X		Eng. Awni Hatamleh	MPWH	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-66.pdf	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-368-1-1-103.pdf	
21	USAID/2020/103/736	06/01/2021	07/01/2021	Derar Saraireh & sons for Engineering & Contracting	Safety Plan	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-75.pdf	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-368-1-2-106.pdf	
22	USAID/2020/104/738	07/01/2021	07/01/2021	Derar Saraireh & sons for Engineering & Contracting	Stone Work	X		Eng. Hasan Shaqbua +1197	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-76.pdf	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-368-1-2-179.pdf	
23	USAID/2020/105/739	07/01/2021	07/01/2021	Derar Saraireh & sons for Engineering & Contracting	Stone Work	X		Eng. Batool Yassine	File	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-77.pdf	File	
24	USAID/2020/102/735	6/1/2021	9/1/2021	Derar Saraireh & sons for Engineering & Contracting	Porcelain and Ceramic Tile material Submittal	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب-الواردة\\Package 1\\2021-1-2-78.pdf	..\\..\\Submittal action forms\\Architectural Submittals\\Scanned-Submittal\\A-001.pdf	

Table 21: 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/2020/106/742	9/1/2021	9/1/2021	Derar Saraireh & sons for Engineering & Contracting	Telephone Mobile	X		Eng. Natheer Amarin	File	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-81.pdf	File	
26	USAID/2020/107/743	10/01/2021	10/01/2021	Derar Saraireh & sons for Engineering & Contracting	Advance Payment (2nd installment)	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-96.pdf	\\...Scanned Files\Scanned-الكتب-المصادر\Package 1\2021-368-1-2-167.pdf	
27	USAID/1/2020/439	07/01/2021	10/01/2021	MPWH	Contractor's Superintendence	X		Eng. Awni Hatamleh	Derar Saraireh & sons for Engineering & Contracting	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-1-97.pdf	\\...Scanned Files\Scanned-الكتب-المصادر\Package 1\2021-368-1-2-170.pdf	
28	USAID/1/2020/757	11/01/2021	11/01/2021	MPWH	Contractor's Superintendence	X		Eng. Awni Hatamleh	Derar Saraireh & sons for Engineering & Contracting	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-1-103.pdf	\\...Scanned Files\Scanned-الكتب-المصادر\Package 1\2021-368-1-2-187.pdf	
29	USAID/2020/107/744	11/01/2021	11/01/2021	Derar Saraireh & sons for Engineering & Contracting	School Plot Boarders and Bench Marks		X	Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-104.pdf		186
30	USAID/2020/110/746	11/01/2021	11/01/2021	Derar Saraireh & sons for Engineering & Contracting	Advance Payment Guarantee	X		Eng. Awni Hatamleh Eng. Natheer Amarin	MPWH	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-105.pdf	\\...Scanned Files\Scanned-الكتب-المصادر\Package 1\2021-368-1-1-181.pdf	
31	530105/220/28/24/976	11/01/2021	11/01/2021	Royal Scientific Society	Test Report	X		Eng. Awni Hatamleh	File	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-3-106.pdf	File	
32	530105/220/28/24/978	11/01/2021	11/01/2021	Royal Scientific Society	Test Report	X		Eng. Awni Hatamleh	File	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-3-107.pdf	File	
33	530105/220/28/24/1159	12/01/2021	12/01/2021	Royal Scientific Society	Test Report	X		Eng. Awni Hatamleh Eng. Saddam Bqa'ein	File	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-3-115.pdf	File	
34	USAID/2020/110/748	12/01/2021	12/01/2021	Derar Saraireh & sons for Engineering & Contracting	Contractor's Site Staff	X		Eng. Awni Hatamleh	MPWH	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-118.pdf	\\...Scanned Files\Scanned-الكتب-المصادر\Package 1\2021-368-1-1-182.pdf	
35	SKEP/3/1-KHS-DSS-DOC-E-001	11/01/2021	12/01/2021	Derar Saraireh & sons for Engineering & Contracting	Site Offices Electrical Network	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-120.pdf	\\...Submittal action forms\Electrical Submittals\Scanned-Submittal\E-001-KHS.pdf	
36	SKEP/3/1-UMD-DSS-DOC-E-002	11/01/2021	12/01/2021	Derar Saraireh & sons for Engineering & Contracting	Site Offices Electrical Network	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	\\...Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-121.pdf	\\...Submittal action forms\Electrical Submittals\Scanned-Submittal\E-001-UMD.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	
37	SKEP/3/1-KHD-DSS-DOC-E-003	11/01/2021	12/01/2021	Derar Saraireh & sons for Engineering & Contracting	Site Offices Electrical Network	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب\\الواردة\\Package 1\\2021-1-2-122.pdf	..\\..\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\E-001-KHD.pdf	
38	USAID/2020/112/749	13/01/2021	13/01/2021	Derar Saraireh & sons for Engineering & Contracting	Advance Payment (2nd installment)	X		Eng. Hasan Shaqbua Eng. Natheer Amarin	MPWH	..\\..\\Scanned Files\\Scanned-الكتب\\الواردة\\Package 1\\2021-1-2-139.pdf	..\\..\\Scanned Files\\Scanned-الكتب\\الصادر\\Package 1\\2021-368-1-1-188.pdf ..\\..\\Scanned Files\\Scanned-الكتب\\الصادر\\Package 1\\2021-368-1-1-211.pdf	
39	USAID/2020/113/750	13/01/2021	13/01/2021	Derar Saraireh & sons for Engineering & Contracting	Environmental Monitoring and Management Plan	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب\\الواردة\\Package 1\\2021-1-2-140.pdf	..\\..\\Scanned Files\\Scanned-الكتب\\الصادر\\Package 1\\2021-368-1-2-218.pdf	
40	USAID/2020/115/754	14/01/2021	14/01/2021	Derar Saraireh & sons for Engineering & Contracting	Contractor's Site Staff	X		Eng. Awni Hatamleh	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب\\الواردة\\Package 1\\2021-1-2-147.pdf	..\\..\\Scanned Files\\Scanned-الكتب\\الصادر\\Package 1\\2021-368-1-1-228.pdf	
41	SKEP/3/1-KHN-DSS-DHD-E-001-Rev.01	14/01/2021	15/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan- Lightning System	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب\\الواردة\\Package 1\\2021-1-2-149.pdf	..\\..\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\E-001-rev01-كهن.pdf	
42	SKEP/3/1-KHD-DSS-DHD-E-001-Rev.01	14/01/2021	15/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan- Lightning System	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب\\الواردة\\Package 1\\2021-1-2-150.pdf	..\\..\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\E-001-rev01-كهن.pdf	
43	SKEP/3/1-UMD-DSS-DHD-E-001-Rev.02	14/01/2021	15/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan- Lightning System	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب\\الواردة\\Package 1\\2021-1-2-151.pdf	..\\..\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\E-001-rev02-UMD.pdf	
44	USAID/2020/114/751	14/01/2021	14/01/2021	Derar Saraireh & sons for Engineering & Contracting	Baseline Schedule	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب\\الواردة\\Package 1\\2021-1-2-146.pdf	..\\..\\Scanned Files\\Scanned-الكتب\\الصادر\\Package 1\\2021-368-1-2-229.pdf	
45	SKEP/3/1-DSS-MAR-M-011	16/01/2021	16/01/2021	Derar Saraireh & sons for Engineering & Contracting	Pex Pipes and Fittings	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب\\الواردة\\Package 1\\2021-1-2-152.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\M-011.pdf	
46	SKEP/3/1-DSS-MAR-A-001	09/01/2021	10/01/2021	Derar Saraireh & sons for Engineering & Contracting	Ceramic and Porcelain	X		Eng. Batool Yassine	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Submittal action forms\\Architectural Submittals\\Scanned-Submittal\\A-001.pdf	..\\..\\Scanned Files\\Scanned-الكتب\\الصادر\\Package 1\\2021-368-1-2-221.pdf	
47	SKEP/3/1- DSS- MAR- C-005	05/01/2021	06/01/2021	Derar Saraireh & sons for Engineering & Contracting	50 mm Extruded Polystyrene	X		Eng. Hasan Shaqbua	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Scanned Files\\Scanned-الكتب\\الواردة\\Package 1\\2021-1-2-52.pdf	..\\..\\Submittal action forms\\Civil Submittals\\Scanned-Submittal\\outgoing\\C-005.pdf	
48	SKEP/3/1- KHD- DSS- SHD-E-002	07/01/2021	08/01/2021	Derar Saraireh & sons for Engineering & Contracting	Ground Floor Plan-Lighting System	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\incoming\\E-002-KHD.pdf	..\\..\\Submittal action forms\\Electrical Submittals\\Scanned-Submittal\\outgoing\\E-002.pdf	

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	
49	SKEP/3/1- KHD- DSS-SHD-E-003	07/01/2021	08/01/2021	Derar Saraireh & sons for Engineering & Contracting	First Floor Plan-Lighting System	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\incoming\E-003.pdf	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\incoming\E-003.pdf	
50	SKEP/3/1- KHD- DSS-SHD-E-004	07/01/2021	08/01/2021	Derar Saraireh & sons for Engineering & Contracting	Second Floor Plan-Lighting System	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\incoming\E-004-KHD.pdf	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\incoming\E-004.pdf	
51	SKEP/3/1- KHD- DSS-SHD-E-005	07/01/2021	08/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan- Lighting System	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\incoming\E-005-KHD.pdf	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\incoming\E-005.pdf	
52	SKEP/3/1- KHD- DSS-SHD-E-001	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan- Lighting System	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\outgoing\E-001 - KHD.pdf	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\outgoing\E-001 - KHD.pdf	
53	SKEP/3/1- UMD- DSS-SHD-E-001	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan- Lighting System	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\outgoing\E-001.pdf	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\outgoing\E-001.pdf	
54	SKEP/3/1- KHS- DSS-SHD-E-001	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan- Lighting System	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\outgoing\E-001 - UMD.pdf	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\outgoing\E-001 - UMD.pdf	
55	SKEP/3/1- DSS- MAR-E-003	02/01/2021	03/01/2021	Derar Saraireh & sons for Engineering & Contracting	Lightning Protection and Earthing System Material	X		Eng. Musa Abdelhadi Eng. laith Zwairi	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\outgoing\E-003.pdf	..\\Submittal action forms\Electrical Submittals\Scanned-Submittal\outgoing\E-003.pdf	
56	SKEP/3/1- KHD- DSS-SHD-M-002	06/01/2021	07/01/2021	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\incoming\M-002-KHD.pdf	..\\Submittal action forms\Mechanical Submittals\Scanned-Submittal\outgoing\M-002-KHD.pdf	
57	SKEP/3/1- KHD- DSS-SHD-M-003	10/01/2021	11/01/2021	Derar Saraireh & sons for Engineering & Contracting	Site Plan Drainage System	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Mechanical Submittals\Scanned-Submittal\incoming\M-003-KHD.pdf	..\\Submittal action forms\Mechanical Submittals\Scanned-Submittal\M-003-KHD.pdf	
58	SKEP/3/1- DSS-MAR-M-008	11/01/2021	12/01/2021	Derar Saraireh & sons for Engineering & Contracting	Black Steel & Galvanized Steel Fittings	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Mechanical Submittals\Scanned-Submittal\incoming\M-008.pdf	..\\Submittal action forms\Mechanical Submittals\Scanned-Submittal\outgoing\M-008.pdf	
59	SKEP/3/1- DSS-MAR-M-004	10/01/2021	11/01/2021	Derar Saraireh & sons for Engineering & Contracting	Fire Hose Cabinet and Fire Extinguisher	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Mechanical Submittals\Scanned-Submittal\incoming\M-004.pdf	..\\Submittal action forms\Mechanical Submittals\Scanned-Submittal\incoming\M-004.pdf	
60	SKEP/3/1- DSS-MAR-M-006	09/01/2021	10/01/2021	Derar Saraireh & sons for Engineering & Contracting	Black Steel & Galvanized Steel Pipes	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\Submittal action forms\Mechanical Submittals\Scanned-Submittal\incoming\M-006.pdf	..\\Submittal action forms\Mechanical Submittals\Scanned-Submittal\incoming\M-006.pdf	

Table 24: 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	SKEP/3/1- DSS-MAR-M-007	10/01/2021	11/01/2021	Derar Saraireh & sons for Engineering & Contracting	Hangers and Supports	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\incoming\\M-007.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\outgoing\\M-007.pdf	
62	530105/220/28/24/1529	17/01/2021	18/01/2021	Royal Scientific Society	Test Report/Khadija	X		Eng. Hasan Shaqbua	File	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-3-161.pdf	File	
63	530103/220/28/24/1543	17/01/2021	17/01/2021	Royal Scientific Society	Test report/Um Al Dananir	X		Eng. Hasan Shaqbua	File	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-3-163.pdf	File	
64	530103/220/28/24/1545	17/01/2021	17/01/2021	Derar Saraireh & sons for Engineering & Contracting	Test Report	X		Eng. Hasan Shaqbua	File	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-3-164.pdf	File	
65	SKEP/3/1-DSS-MAR-M-013	17/01/2021	18/01/2021	Derar Saraireh & sons for Engineering & Contracting	UPVC Drainage Pipes and UPVC Solvent	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-2-196.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\M- 013.docx	
66	SKEP/3/1-DSS-MAR-M-012	17/01/2021	18/01/2021	Derar Saraireh & sons for Engineering & Contracting	CPVC Condensate Drain Pipes & CPVC Solvent	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-2-197.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\M-0012.pdf	
67	SKEP/3/1-DSS-SHD-M-002-REV.01	17/01/2021	18/01/2021	Derar Saraireh & sons for Engineering & Contracting	Rain Water Tank Mechanical First Fix	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-2-198.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\M-002-REV01.pdf	
68	USAID/1/2020/1300	17/01/2021	19/01/2021	MPWH	Insurance Policy	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-1-200.pdf	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الصادر\\Package 1\\2021-368-1-2-289.pdf	
69	USAID/2020/116/762	19/01/2021	19/01/2021	Derar Saraireh & sons for Engineering & Contracting	Tax Exemption	X		Eng. Natheer Amarin	USAID	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-2-204.pdf	..\\..\\2021-368-1-3-268.docx	
70	USAID/2020/117/763	19/01/2021	19/01/2021	Derar Saraireh & sons for Engineering & Contracting	Stone Supplier Approval	X		Eng. Batool Yassine Eng. Hasan Shaqbua	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-2-205.pdf	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الصادر\\Package 1\\2021-368-1-2-313.pdf	
71	SKEP/3/1-DSS-MAR-M-007-01	19/01/2021	19/01/2021	Derar Saraireh & sons for Engineering & Contracting	Hangers and Supports	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-2-209.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\M-007-01.pdf	
72	SKEP/3/1-DSS-MAR-M-017	19/01/2021	19/01/2021	Derar Saraireh & sons for Engineering & Contracting	Sheet Metal for Duct	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-368الواردة\\Package 1\\2021-1-2-210.pdf	..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-Submittal\\M-017.pdf	

Table 25: 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	530105/220/28/24/1895	20/01/2021	20/01/2021	Royal Scientific Society	Test Report	X		Eng. Hasan Shaqbua	File	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-3-211.pdf	File	
74	USAID/1/2020/1606	19/01/2021	20/01/2021	MPWH	NGL Plans (Grid 3X3)	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-1-223.pdf	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الصادر\\Package 1\\2021-368-1-2-297.pdf	
75	USAID/1/2020/1576	19/01/2021	20/01/2021	MPWH	Contractor's Superintendence	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-1-217.pdf	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الصادر\\Package 1\\2021-368-1-2-298.pdf	
76	SKEP/3/1-DSS-MAR-M-015	19/01/2021	19/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Top Packaged Unit	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-2-206.pdf	..\\..\\..\\..\\..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-SubmittalM-015.pdf	
77	SKEP/3/1-DSS-MAR-M-013	19/01/2021	19/01/2021	Derar Saraireh & sons for Engineering & Contracting	Water Valves	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-2-208.pdf	..\\..\\..\\..\\..\\..\\Submittal action forms\\Mechanical Submittals\\M- 013.docx	
78	SKEP/3/1-DSS-MAR-M-014	19/01/2021	19/01/2021	Derar Saraireh & sons for Engineering & Contracting	Electric Water Heater	X		Eng. Mohammad Almajale Eng. Mus'ab Khalil	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-2-207.pdf	..\\..\\..\\..\\..\\..\\Submittal action forms\\Mechanical Submittals\\Scanned-SubmittalM-014.pdf	
79	USAID/1/2020/1612	19/01/2021	20/01/2021	MPWH	NGL Plans (Grid 3X3)/ Um Al Dananir Basic Mixed School	X		Eng. Awni Hatamleh	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-1-222.pdf	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الصادر\\Package 1\\2021-368-1-2-299.pdf	
80	USAID/2020/118/765	21/01/2021	23/01/2021	Derar Saraireh & sons for Engineering & Contracting	Um Al Dananir Plot Point No.416	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-2-234.pdf	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الصادر\\Package 1\\2021-368-1-2-342.pdf	
81	USAID/2020/119/766	23/1/2021	23/1/2021	Derar Saraireh & sons for Engineering & Contracting	Interim payment No. (1)	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-2-243.pdf	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الصادر\\Package 1\\2021-368-1-2-350.pdf	
82	USAID/2020/120/767	23/1/2021	23/1/2021	Derar Saraireh & sons for Engineering & Contracting	Mock Up Room	X		Eng. Awni Hatamleh Eng. Natheer Amarin	MPWH	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-2-244.pdf	..\\..\\..\\..\\..\\..\\2021-368-1-1-354.docx	
83	USAID/2020/121/768	23/1/2021	23/1/2021	Derar Saraireh & sons for Engineering & Contracting	Invoice No. (1)	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-2-245.pdf	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الصادر\\Package 1\\2021-368-1-2-323.pdf	
84	SKEP/3/1-UMD-DSS-DOC-C-002	23/1/2021	23/1/2021	Derar Saraireh & sons for Engineering & Contracting	Stone Method Statement		X	Eng. Batool Yaseen		..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الواردة\\Package 1\\2021-1-2-246.pdf		

Table 26: 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		
97	770/123/USAID/2020	24/1/2021	24/1/2021	Derar Saraireh & sons for Engineering & Contracting	Khadija Retaining Walls	X		Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-250.pdf	..\\..\\2021-368-1-2-389.docx	
98	SKEP/3/1-DSS-MAR-M-028	26/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	Concrete Ring Manholes		X	Eng. Hasan Shaqbua		..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-283.pdf		
99	SKEP/3/1-DSS-MAR-M-025	26/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	Pumps		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-285.pdf		
100	SKEP/3/1-DSS-MAR-M-027	26/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	Expansion Vessel		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-284.pdf		
101	SKEP/3/1-DSS-MAR-M-026	26/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	AC Solit Unit		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-286.pdf		
102	772/124/USAID/2020	25/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	Baseline Schedule	X	X	Eng. Awni Hatamleh Eng. Natheer Amarin	Derar Saraireh & sons for Engineering & Contracting	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-292.pdf	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368-1-2-356.pdf	
103	773/125/USAID/2020	26/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	Tax Exemption	X		Eng. Awni Hatamleh	USAID	..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-293.pdf	..\\..\\2021-368-1-3-355.docx	
104	SKEP/3/1-DSS-MAR-M-023	25/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	Air Outlets		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-291.pdf		
105	SKEP/3/1-DSS-MAR-M-004-01	25/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	Fire House Cabinet and Fire Extinguisher		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-287.pdf		
106	SKEP/3/1-DSS-MAR-M-022	25/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	Air Volume Dampers		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-289.pdf		
107	SKEP/3/1-DSS-MAR-M-020	25/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	Fans		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-288.pdf		
108	SKEP/3/1-DSS-MAR-M-021	25/01/2021	26/01/2021	Derar Saraireh & sons for Engineering & Contracting	Pipes and Duct Insulation		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		..\\..\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب\\Package 1\\2021-368\\الوراء\\1-2-290.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		
109	530105/220/28/24/2641	28/01/2021	28/01/2021	Royal Scientific Society	Test Report	X		Eng. Hasan Shaqbua	File	Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-3-338.pdf	File	
110	USAID/2020/126/776	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	تعدي المبنى القائم قطعة 416 على حدود أرض المدرسة الجهة الجنوبية	X		Eng. Awni Hatamleh Eng. Natheer Amarin	MPWH	Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-307.pdf	..ا.ا.2021-368-1-1-384.docx	
111	USAID/2020/127/777	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	تعدي الشارع على حدود أرض المدرسة - الجهة الشرقية	X		Eng. Awni Hatamleh Eng. Natheer Amarin	MPWH	Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-308.pdf	..ا.ا.2021-368-1-1-385.docx	
112	SKEP/3/1-KHD-DSS-SHD-E-016	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	First Floor Plan-Low Current System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-323.pdf		
113	SKEP/3/1-KHD-DSS-SHD-E-010	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan-Power System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-317.pdf		
114	SKEP/3/1-KHD-DSS-SHD-E-015	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Groud Floor Plan-Low Current System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-322.pdf		
115	SKEP/3/1-KHD-DSS-SHD-E-019	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	First Floor Plan-Security System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-325.pdf		
116	SKEP/3/1-KHD-DSS-SHD-E-014	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan-Fire Alarm System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-321.pdf		
117	SKEP/3/1-KHD-DSS-SHD-M-004-REV00	26/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Site Plan Rain Water Drain		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-311.pdf		
118	SKEP/3/1-KHD-DSS-SHD-E-005-REV01	26/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan-Lighting System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-313.pdf		
119	SKEP/3/1-KHD-DSS-SHD-E-012	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	First Floor Plan-Fire Alarm System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-319.pdf		
120	SKEP/3/1-KHD-DSS-SHD-E-011	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Ground Floor Plan-Fire Alarm System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-318.pdf		

Table 29: 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		
121	SKEP/3/1-KHD-DSS-SHD-E-009	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Second Floor Plan-Power System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-316.pdf		
122	SKEP/3/1-KHD-DSS-SHD-E-022	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	General Site Plan-Lighting System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-328.pdf		
123	SKEP/3/1-KHD-DSS-SHD-E-008	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	First Floor Plan-Power System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-315.pdf		
124	SKEP/3/1-KHD-DSS-SHD-E-002-REV01	26/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	First Floor Plan-Lighting System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-310.pdf		
125	SKEP/3/1-KHD-DSS-SHD-E-002-REV01	26/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Groud Floor Plan-Lighting System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-309.pdf		
126	SKEP/3/1-KHD-DSS-SHD-E-024	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	General Site Plan-Low Current and Security System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-330.pdf		
127	SKEP/3/1-KHD-DSS-SHD-E-020	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Second Floor Plan-Security System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-326.pdf		
128	SKEP/3/1-KHD-DSS-SHD-E-007	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Groud Floor Plan-Power System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-314.pdf		
129	SKEP/3/1-KHD-DSS-SHD-E-017	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Second Floor Plan-Low Current System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-337.pdf		
130	SKEP/3/1-KHD-DSS-SHD-E-027	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Second Floor - Reflected Ceiling Plan		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-333.pdf		
131	SKEP/3/1-KHD-DSS-SHD-E-026	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	First Floor-Reflected Ceiling Plan		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-332.pdf		
132	SKEP/3/1-KHD-DSS-SHD-E-004-REV01	26/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Second Floor Plan-Lighting System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-312.pdf		

Table 30: 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		
133	SKEP/3/1-KHD-DSS-SHD-E-023	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	General Site Plan-Power System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-329.pdf		
134	SKEP/3/1-KHD-DSS-SHD-E-018	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Ground Floor Plan-Security System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-324.pdf		
135	SKEP/3/1-KHD-DSS-SHD-E-013	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Second Floor Plan-Fire Alarm System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-320.pdf		
136	SKEP/3/1-KHD-DSS-SHD-E-021	27/01/2021	27/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Floor Plan-Security System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-327.pdf		
137	SKEP/3/1-KHD-DSS-SHD-M-002-REV01	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Ground Floor Plan Drainage System		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-367.pdf		
138	SKEP/3/1-KHD-DSS-SHD-M-003-REV02	28/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Site Plan Drainage System		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-368.pdf		
139	SKEP/3/1-DSS-MAR-E-005	28/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Audio -Visual and Public Address Systems		X	Eng. Musa Abdelhadi Eng. laith Zwairi		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-369.pdf		
140	SKEP/3/1-DSS-MAR-E-006	28/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	IP CCTV System		X	Eng. Musa Abdelhadi Eng. laith Zwairi		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-370.pdf		
141	USAID/2020/128/779	28/01/2021	28/01/2021	Derar Saraireh & sons for Engineering & Contracting	Mockup Room	X		Eng. Sawsan Al-Yousef	MPWH	\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-349.pdf	\\..\\..\\..\\..\\2021-368-1-1-354.docx	
142	SKEP/3/1-DSS-MAR-C-030	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Roof Vent Cowt		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-364.pdf		
143	SKEP/3/1-DSS-MAR-C-031	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Gully Trap		X	Eng. Mohammad Almajale Eng. Mus'ab Khalil		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-365.pdf		
144	SKEP/3/1-DSS-MAR-C-003-REV01	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Natural Local Stone		X	Eng. Batool Yassine		\\..\\..\\..\\..\\Scanned Files\\Scanned-الكتب-الكتاب-الواردة368\\Package 1\\2021-1-2-366.pdf		

Table 31: 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		
145	USAID/1/2020/2355	27/01/2021	28/01/2021	MPWH	Contractor Superintendence		X	Eng. Awni Hatamleh		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-1-346.pdf		
146	SKEP/3/1-DSS-MAR-C-029	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Stainless St. floor drain		X	Eng. Batool Yassine		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-363.pdf		
147	SKEP/3/1-DSS-MAR-C-012	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Repair Material		X	Eng. Hasan Shaqbua		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-361.pdf		
148	SKEP/3/1-DSS-MAR-C-013	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Expansion Joint Sealent		X	Eng. Hasan Shaqbua Eng. Batool Al-Rabadi		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-362.pdf		
149	SKEP/3/1-DSS-MAR-C-011	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Tile adhesive		X	Eng. Hasan Shaqbua		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-360.pdf		
150	SKEP/3/1-DSS-MAR-C-008	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Tie rod grout filler		X	Eng. Batool Yassine		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-357.pdf		
151	SKEP/3/1-DSS-MAR-C-009	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Backing Rod		X	Eng. Hasan Shaqbua		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-358.pdf		
152	SKEP/3/1-DSS-MAR-C-010	30/01/2021	30/01/2021	Derar Saraireh & sons for Engineering & Contracting	Epoxy Insulation		X	Eng. Hasan Shaqbua		Scanned Files\Scanned-الكتب-الواردة\Package 1\2021-1-2-359.pdf		

Table 32: 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	368-1/1/42	تهجم أهالي المنطقة على مشروع مدرسة خديجة بنت خويلد الأساسية	05/01/2021	MPWH		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الصادرة\\Package 1\\2020-368-1-1-42.pdf	
2	368-1/1/E42	Attack on Site by Residents of the Area	05/01/2021	MPWH		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الصادرة\\Package 1\\2020-368-1-1-E 42.pdf	
3	368-1/1/168	Concrete Mix Design	12/01/2021	MPWH		..\\..\\..\\..\\Scanned Files\\Scanned-الكتب الصادرة\\Package 1\\2021-368-1-1-168.pdf	
4							
5							
6							

Table 33: 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

3.1.2 Arch. Materials Submittal

Architectural Materials Submittal Tracking LOG																
Date:		Jan.2021		Supervision Engineer:		Wahib Medanat Consultant Engineers										
Project:		1/2020/USAID/SKEP/3/1		Contractor:		Derar Saraireh & sons for Engineering & Contracting										
Rep no.:		2		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	Revise & Resubmit	Rejected	File	Site	Contractor				
1	A-001	1	CERAMIC AND PORCELAIN	Derar Saraireh & sons for Engineering & Contracting	9/1/2021		X			X		X			16/1/2021	
2																
3																
4																
5																
6																
7																

(Table 34: 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:		Jan.2021		Supervision Engineer:		Wahib Medanat Consultant Engineers										
Project:		1/2020/USAID/SKEP/3/1		Contractor:		Derar Saraireh & sons for Engineering & Contracting										
Rep no.:		2		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	Revise & Resubmit	Rejected	File	Site	Contractor				
1	UMD-E-001	1	Roof Plan Lightning System	Derar Saraireh & Sons for Engineering & Contracting	2/1/2021			X		X		X			9/1/2021	
2	KHN-E-001	1	Roof Plan Lightning System	Derar Saraireh & Sons for Engineering & Contracting	2/1/2021			X		X		X			9/1/2021	
3	KHD-E-001	1	Roof Plan Lightning System	Derar Saraireh & Sons for Engineering & Contracting	2/1/2021			X		X		X			9/1/2021	
4	KHD-E-005	1	Roof Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	7/1/2021			X		X		X			13/1/2021	
5	KHD-E-004	1	Second Floor Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	7/1/2021			X		X		X			13/1/2021	
6	KHD-E-003	1	First Floor Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	7/1/2021			X		X		X			13/1/2021	
7	KHD-E-002	1	Ground Floor Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	7/1/2021			X		X		X			13/1/2021	
8	KHS-DOC-E-001	1	Site Office Electrical Network Shopdrawing	Derar Saraireh & Sons for Engineering & Contracting	11/1/2021		X			X	X	X			13/1/2021	
9	KHD-DOC-E-001	1	Site Office Electrical Network Shopdrawing	Derar Saraireh & Sons for Engineering & Contracting	11/1/2021		X			X	X	X			13/1/2021	
10	UMD-DOC-E-001	1	Site Office Electrical Network Shopdrawing	Derar Saraireh & Sons for Engineering & Contracting	11/1/2021		X			X	X	X			13/1/2021	
11	UMD-E-001	2	Roof Plan Lightning System	Derar Saraireh & Sons for Engineering & Contracting	14/1/2021		X			X		X			16/1/2021	
12	KHN-E-001	2	Roof Plan Lightning System	Derar Saraireh & Sons for Engineering & Contracting	14/1/2021		X			X		X			16/1/2021	
13	KHD-E-001	2	Roof Plan Lightning System	Derar Saraireh & Sons for Engineering & Contracting	14/1/2021		X			X		X			16/1/2021	

(Table 35: 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	Revise & Resubmit	Rejected	File	Site	Contractor					
14	KHD-E-022	1	General Site Plan- Lighting System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
15	KHD-E-023	1	General Site Plan- Power System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
16	KHD-E-024	1	General Site Plan- Low Current and Security System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
17	KHD-E-002	2	Ground Floor Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
18	KHD-E-003	2	First Floor Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
19	KHD-E-004	2	Second Floor Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
20	KHD-E-005	2	Roof Plan Lighting System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
21	KHD-E-007	1	Ground Floor Plan - Power System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
22	KHD-E-008	1	First Floor Plan -Power System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
23	KHD-E-009	1	Second Floor Plan - Power System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
24	KHD-E-010	1	Roof Floor Plan -Power System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
25	KHD-E-011	1	Ground Floor Plan -Fire Alarm System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
26	KHD-E-012	1	First Floor Plan -Fire Alarm System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
27	KHD-E-013	1	Second Floor Plan -Fire Alarm System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
28	KHD-E-025	1	Ground Floor Plan - Reflected Ceiling	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
29	KHD-E-026	1	First Floor Plan - Reflected Ceiling	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
30	KHD-E-027	1	Second Floor Plan - Reflected Ceiling	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
31	KHD-E-015	1	Ground Floor Plan -Low Current System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
32	KHD-E-016	1	First Floor Plan -Low Current System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
33	KHD-E-017	1	Second Floor Plan -Low Current System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
34	KHD-E-014	1	Roof Floor Plan -Fire Alarm System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
35	KHD-E-018	1	Ground Floor Plan - Security System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
36	KHD-E-019	1	First Floor Plan -Security System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
37	KHD-E-020	1	Second Floor Plan - Security System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	
38	KHD-E-021	1	Roof Floor Plan -Security System	Derar Saraireh & Sons for Engineering & Contracting	27/1/2021											Under Review	

(Table 36: Electrical Submittals – Elect. Shop Drawings)

3.2 Electrical Submittals
3.2.2 Elect. Materials Submittal

Electrical Materials Submittal Tracking LOG																
Date: Jan.2021		Supervision Engineer: Wahib Medanat Consultant Engineers														
Project: 1/2020/USAID/SKEP/3/1		Contractor: Derar Saraireh & sons for Engineering & Contracting														
Rep no.: 2		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	Revise & Resubmit	Rejected	File	Site	Contractor				
1	E-003	1	Lightning protection and eathering systems materials	Derar Saraireh & sons for Engineering & Contracting	2/1/2021		X			X		X			9/1/2021	
2	E-005	1	Audio-Visual and Public Address System	Derar Saraireh & sons for Engineering & Contracting	28/1/2021											Under Review
3	E-004	1	Fire Alarm System	Derar Saraireh & sons for Engineering & Contracting	24/1/2021			X		X		X			31/1/2021	
4	E-006	1	IP CCTV	Derar Saraireh & sons for Engineering & Contracting	30/1/2021				X	X		X			31/1/2021	
5																
6																
7																

(Table 37: 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:		Jan.2021		Supervision Engineer:		Wahib Medanat Consultant Engineers										
Project:		1/2020/USAID/SKEP/3/1		Contractor:		Derar Saraireh & Sons for Engineering & Contracting										
Rep no.:		2		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				
1	UMD-M-001	1	water tank mechanical first fix submittal Um Al Dananir Basic Mixed School- Al Balqa	Derar Saraireh & Sons for Engineering & Contracting	4/1/2021			X		X		X			9/1/2021	
2	KHS-M-001	1	water tank mechanical first fix submittal Al Khansa' Basic Mixed School- Al Balqa	Derar Saraireh & Sons for Engineering & Contracting	4/1/2021			X		X		X			9/1/2021	
3	KHD-M-001	1	water tank mechanical first fix submittal Khadija Bint Khwailed Basic Mixed School	Derar Saraireh & Sons for Engineering & Contracting	4/1/2021			X		X		X			9/1/2021	
4	UMD-M-002	1	rain water mechanical first fix submittal Um Al Dananir Basic Mixed School	Derar Saraireh & Sons for Engineering & Contracting	4/1/2021			X		X		X			9/1/2021	
5	KHD-M-002	1	Ground floor plan drainage system Khadija Bint Khwailed Basic Mixed School	Derar Saraireh & Sons for Engineering & Contracting	4/1/2021			X		X		X			13/1/2021	
6	KHD-M-003	1	Site plan drainage system Khadija Bint Khwailed Basic Mixed School	Derar Saraireh & Sons for Engineering & Contracting	10/1/2021			X		X		X			16/1/2021	
7	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										-	Under Review
8	UMD-M-002	2	rain water mechanical first fix submittal Um Al Dananir Basic Mixed School	Derar Saraireh & Sons for Engineering & Contracting	17/01/2021		X			X		X			26/01/2021	
9	UMD-M-003	1	Basement Floor Plan Drainage System Um al Dananir Basic Mixed School	Derar Saraireh & Sons for Engineering & Contracting	24/01/2021										-	Under Review
10	KHD-M-003	2	Site Plan drainage System	Derar Saraireh & Sons for Engineering & Contracting	30/01/2021										-	Under Review
11	KHD-M-002	2	Ground floor plan drainage system Khadija Bint Khwailed Basic Mixed School	Derar Saraireh & Sons for Engineering & Contracting	30/01/2021										-	Under Review
12	KHD-M-001	2	Water tank mechanical first fix	Derar Saraireh & Sons for Engineering & Contracting	3/1/2021										-	Under Review

(Table 38: Mechanical Submittals – Mech. Shop Drawings)

3.3 Mechanical Submittals
 3.3.2 Mech. Materials Submittal

Mechanical Materials Submittal Tracking LOG																
Date: Jan.2021		Supervision Engineer: Wahib Medanat Consultant Engineer														
Project: 1/2020/USAID/SKEP/3/1		Contractor: Derar Saraireh & sons for Engineering & Contracting														
Rep no.: 2		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	Revise & Resubmit	Rejected	File	Site	Contractor				
1	M-001	1	CPVC condensate drain pipes Polypropylene water pipe UPVC drainage pipes	Derar Saraireh & sons for Engineering & Contracting	31/12/2021			X		X		X			9/1/2021	
2	M-002	1	Cast iron hot water pipes Cast iron radiator	Derar Saraireh & sons for Engineering & Contracting	2/1/2021			X		X		X			11/1/2021	
3	M-003	1	GI pipes for demestic water	Derar Saraireh & sons for Engineering & Contracting	11/1/2021				X	X		X			9/1/2021	
4	M-004	1	Fire Hose cabinet and fire extinguisher	Derar Saraireh & sons for Engineering & Contracting	10/1/2021			X		X		X			13/1/2021	
5	M-006	1	Black Steel and galvanized steel pipe	Derar Saraireh & sons for Engineering & Contracting	9/1/2021			X		X		X			13/1/2021	
6	M-007	1	Hungers and Supports	Derar Saraireh & sons for Engineering & Contracting	10/1/2021			X		X		X			13/1/2021	
7	M-008	1	Black Steel and galvanized steel Fitting	Derar Saraireh & sons for Engineering & Contracting	11/1/2021		X			X		X			13/1/2021	
8	M-014	1	Electric Water Heater	Derar Saraireh & sons for Engineering & Contracting	18/01/2021			X		X		X			21/01/2021	
9	M-017	1	Sheet metal for Duct	Derar Saraireh & sons for Engineering & Contracting	19/01/2021		X			X		X			21/01/2021	
10	M-013	1	Water Valves	Derar Saraireh & sons for Engineering & Contracting	19/01/2021			X		X		X			21/01/2021	
11	M-015	1	Roof Top packaged unit	Derar Saraireh & sons for Engineering & Contracting	18/01/2021			X		X		X			25/01/2021	
12	M-007	2	Hangers and Supports	Derar Saraireh & sons for Engineering & Contracting	18/01/2021			X		X		X			25/01/2021	
13	M-019	1	LPG System and gas leak detection System	Derar Saraireh & sons for Engineering & Contracting	24/01/2021										-	Under Review
14	M-002	2	Cast iron hot water Poiler	Derar Saraireh & sons for Engineering & Contracting	24/01/2021										-	Under Review
15	M-010	1	UPVC Drainage Pipes and UPVC Solvent	Derar Saraireh & sons for Engineering & Contracting	18/01/2021		X			X		X			25/01/2021	
16	M-012	1	CPVC Condinsate drain pipes and CPVE Solvent Polypropylene Water Pipes	Derar Saraireh & sons for Engineering & Contracting	18/01/2021			X		X		X			25/01/2021	

(Table 39: 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				
17	M-011	2	Pex Pipe and Fittings manifold	Derar Saraireh & sons for Engineering & Contracting	24/01/2021										-	Under Review
18	M-006	2	Black Steel and galvanized steel pipe	Derar Saraireh & sons for Engineering & Contracting	24/01/2021										-	Under Review
19	M-018	1	Sanitary fixtures and mixers	Derar Saraireh & sons for Engineering & Contracting	23/01/2021										-	Under Review
20	M-20	1	Fans	Derar Saraireh & sons for Engineering & Contracting	26/01/2021										-	Under Review
21	M-21	1	Pipes and Duct Insulation	Derar Saraireh & sons for Engineering & Contracting	26/01/2021										-	Under Review
22	M-22	1	Air Volum Dumper	Derar Saraireh & sons for Engineering & Contracting	26/01/2021										-	Under Review
23	M-23	1	Air Outket	Derar Saraireh & sons for Engineering & Contracting	26/01/2021										-	Under Review
24	M-25	1	Pumps	Derar Saraireh & sons for Engineering & Contracting	26/01/2021										-	Under Review
25	M-26	1	AC Split Unit	Derar Saraireh & sons for Engineering & Contracting	26/01/2021										-	Under Review
26	M-27	1	Expantion Vessel Automatic Air Seperator	Derar Saraireh & sons for Engineering & Contracting	26/01/2021										-	Under Review
27	M-28	1	Concrete Ring Manhole	Derar Saraireh & sons for Engineering & Contracting	26/01/2021										-	Under Review
28	M-29	1	Stanless steel floor cover and floor clean out	Derar Saraireh & sons for Engineering & Contracting	30/01/2021										-	Under Review
29	M-30	1	Roof vent Cowl	Derar Saraireh & sons for Engineering & Contracting	30/01/2021										-	Under Review
30	M-31	1	Gully Trap	Derar Saraireh & sons for Engineering & Contracting	30/01/2021										-	Under Review
31	M-32	1	Roof Drain	Derar Saraireh & sons for Engineering & Contracting	31/01/2021										-	Under Review
32	M-02	2	Cast Iron Radiator	Derar Saraireh & sons for Engineering & Contracting	31/01/2021										-	Under Review
33	M-12	2	CPVC condensate drain pipes	Derar Saraireh & sons for Engineering & Contracting	31/01/2021										-	Under Review
34	M-13	2	Water Valves	Derar Saraireh & sons for Engineering & Contracting	31/01/2021										-	Under Review
35	M-14	2	Electric Water Heater	Derar Saraireh & sons for Engineering & Contracting	31/01/2021										-	Under Review

(Table 40: 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:		Jan.2021		Supervision Engineer:		Wahib Medanat Consultant Engineers										
Project:		1/2020/USAID/SKEP/3/1		Contractor:		Derar Saraireh & sons for Engineering & Contracting										
Rep no.:		2		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	single foundation steel	1	steel works	eng . Anas shdifat	25/12/2020		X				X	X	2/1/2021	2/1/2021	12/25/2020	
2	raft foundation steel	1	steel works	eng . Anas shdifat	2/1/2021				X		X	X	2/1/2021	2/1/2021	2/1/2020	
3	raft foundation steel	2	steel works	eng . Anas shdifat	14/1/2021		X				X	X	2/2/2021	2/2/2021	14/1/2021	
4	Tie beam steel	1	steel works	eng . Anas shdifat	16/1/2021			X			X	X	2/3/2021	2/3/2021	in progress	

(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	Rvise & Resubmit	Rejected	File	Site	Contractor				
Al Khansa' Basic Mixed School- Balqa																
4	1	0	Excavations Levels for Boundary walls	Contractor project Eng.	30/12/2020	X					X	X			31/12/2020	
5	2	0	Steel Reinforcement for raft foundation (F-3)	Contractor project Eng.	31/12/2020				X		X	X			2/1/2021	
6	2	1	Steel Reinforcement for raft foundation (F-3)	Contractor project Eng.	3/1/2021		X				X	X			5/1/2021	
7	3	0	Steel Reinforcement for raft foundation (F-4)	Contractor project Eng.	31/12/2020				X		X	X			2/1/2021	
8	3	1	Steel Reinforcement for raft foundation (F-4)	Contractor project Eng.	4/1/2021		X				X	X			6/1/2021	
9	4	0	Steel Reinforcement for raft foundation (F-5)	Contractor project Eng.	31/12/2020				X		X	X			2/1/2021	
10	4	1	Steel Reinforcement for raft foundation (F-5)	Contractor project Eng.	3/1/2021	X					X	X			6/1/2021	
11	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	
12	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	
13	8	0	Excavation level for the boundary wall section 3	Contractor project Eng.	2/1/2021		X				X	X			4/1/2021	
14	9	0	Excavation level for the boundary wall section 4	Contractor project Eng.	2/1/2021	X					X	X			4/1/2021	
15	10	0	Steel Reinforcement for the boundary wall 3 (Footing & wall reinforcement)	Contractor project Eng.	4/1/2021				X		X	X			6/1/2021	
16	11	0	Excavation level for footings of school building	Contractor project Eng.	3/1/2021	X					X	X			4/1/2021	

(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	Revise & Resubmit	Rejected	File	Site	Contractor				
17	Skep/3/1UMD-DSS-SHD-001	0	footing (RF1 TO RF5)+ walls/columns under SOG	DSS-Eng .Omar	10-1-2021			X			X	X			13/1/2021	
18	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	
19	Skep/3/1UMD-DSS-SHD-002	1	footing shop drawing RF3	DSS-Eng .Omar	17-1-2021		X				X	X			21/1/2021	
20	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	
21	Skep/3/1UMD-DSS-SHD-002	1	columns neck+stirrups under SOG	DSS-Eng .Omar	20-1-2021			X			X	X			23-1-2021	
22	Skep/3/1UMD-DSS-SHD-002	2	columns neck+stirrups under SOG	DSS-Eng .Omar	24-1-2021	X					X	X			24-1-2021	
23	Skep/3/1UMD-DSS-SHD-002	2	steel reinforcement W4 +S13+S12	DSS-Eng .Omar	27-1-2021		X				X	X			27-1-2021	
24	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	
25	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	
26	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	
27	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	
28	Skep/3/1UMD-DSS-SHD-002	1	reinforcement for walls (s21, s22,s23,s24,s10,s11)	DSS-Eng .Omar	25-1-2021		X				X	X			30-1-2021	
29	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	
30	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	
31	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	
32	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	
33	Skep/3/1UMD-DSS-SHD-002	1	steel reinforcement S16-S17	DSS-Eng .Omar	30-1-2021		X				X	X			31-1-2021	

(Table 43: Civil Submittals – Civil Shop Drawings)

3.4 Civil Submittals

3.4.2 Civil Materials Submittal

Civil Materials Submittal Tracking LOG																
Date:		Jan.2021		Supervision Engineer:		Wahib Medanat Consultant Engineer										
Project:		1/2020/USAID/SKEP/3/1		Contractor:		Derar Saraireh & sons for Engineering & Contracting										
Rep no.:		2		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-005	1	Extruded Polystyrene	Derar Saraireh & sons for Engineering & Contracting	05/01/2021		X			X		X			10/1/2021	
2																
3																
4																
5																

(Table 44: 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

Pre- Construction co on Jan 04, 2021 – Wahib Medanat Office-
(Refer to Table 2. Coordination & Progress Meetings – Page 16)

Minutes of Meeting

Subject: Pre- Construction Conference – SKEP III

Location: Wahib Medanat Consultant Engineers Office
Date: January 4, 2021
Time: 10:00
Present:

1. Eng. Lana Alrijji, DSMI, MPWH (virtual)
2. Eng. Basema Shehan, HDIFP, MPWH
3. Eng. Ola Nababteh, Engineer at IFP, MPWH
4. Eng. Tarek Rashdan, PMS, USAID
5. Eng. Mike McGovern, Chief of Party, CMTO
6. Eng. Maysoon AL Hyari , SGL, CMTO
7. Eng. Osama Obaid, SCM, CMTO
8. Eng. Diana Abu Saleh, Project Controls Engineer, CMTO (virtual)
9. Eng. Wahib Medanat, General Manager, Medanat
10. Eng. Suhair Amarin, Project Director, Medanat
11. Eng. Natheer Amarin, Project Manager, Medanat
12. Eng. Hassan Shaqba, QC Manager, Medanat
13. Eng. Sawsan Al-Yousef, Resident Engineer, Medanat (virtual)
14. Mr. Mohammad Mbydeen, Safety Officer, Medanat
15. Mr. Muhannad Abu Rsheid, General Manager, Dijlah
16. Eng. Amer Abdel Ghani, Project Manager, Dijlah
17. Eng. Sherif Saleh, Projects Manager, Derar
18. Eng. Mohammad Al Azem, Project Manager, Derar



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The Purpose of the Meeting is to discuss the Contract Requirements concerning several Issues (Time, Quality, Safety, VO's and Claims).

At the beginning, Natheer welcomed all the attendees and asked them to introduce themselves, and they did. Also, he clarified that the purpose of the meeting is to establish partnerships, solving any arisen problems and to discuss Contract requirements.

Introduction

1. MPWH Vision & Requirements regarding the Implementation of the Project

1.1. Basema stated:

- 1.1.2 SKEP is the biggest USAID funded project in Jordan.
- 1.1.3 Our scope is to achieve the best quality possible within the time schedule and budget.
- 1.1.4 Expressing readiness to help out the Contractor whenever and wherever needed, no matter what the problem or the issue is,

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so issues shouldn't be postponed until later time or at the end of the Project where there is nothing to be done.

- 1.1.5 Contractors should present any problem they face on monthly meetings and daily reports by Consultants and Contractors or directly contact the Ministry.
- 1.1.6 Teamwork is what the Ministry seeks, and everybody's commitment is required for the Project to succeed.

2. Description of the CMTO Role and Management

2.1. Mike stated:

- 2.1.1 CMTO role is to provide observation in the field where the construction work is held, reviewing documentation, and setting meetings.
- 2.1.2 Trigon will make consistence presence in the field through visits to make sure everything is going according to the plan and time schedule.
- 2.1.3 Such pre-constructions meetings are usually done in two days, and walk through the entire Contract for everybody to understand each and every single point, including the Contractors, the Employer, and the funding agencies.
- 2.1.4 This meeting is mainly focusing on the Contractor, any so the representatives must ask questions if having any.
- 2.1.5 Stressing once again on Trigon's part, which is to help out and cooperate with all the parties in order for the schools to be built in the best way and in the planned time so they can provide benefits for Jordan's children once starting operating.
- 2.1.6 Expressing understanding of the risks that such project may encounter (especially on the Contractor side regarding expenditures, while also looking for achieving profit).
- 2.1.7 Trigon role involves enforcing USAID points of emphasis as following:
 - Contract Schedule: referring to Contract **Clause (14)** which implies that a working schedule is a must, and that it should be used to guide the work, and this schedule should be updated each month and used on daily basis by everyone.
 - **Contract Clause (60.2)**: payment is linked with the updated schedule (and so the schedule should be submitted with the payment papers).
 - Work should be done according to the schedule (USAID says so).

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- Safety plan: workers should be safe at all times during working hours, and therefore there are things that should be provided or taken into consideration in construction sites- there are 11 pages on the **Application of Health, Safety and Environmental Rules**, and each site has a safety officer to make sure everybody is complying with the health and safety plan.
- Praising Medanat team for doing a fantastic job regarding this matter.
- The risk mitigation: Contractors should speak about the risk mitigation in the next meeting- and explain what risks they faced during the implementation, and how they are dealing with them in accordance with their plan.
- Just as important is the schedule of the quality control plan, in which we received help from Medanat Office, from Hassan precisely, in making forms and tracking logs for testing and sampling, and it's Hassan's responsibility to help Contractors. Quality of work is how the work is moving forward according to the plan and specifications.

3. USAID Vision & Requirements regarding the Implementation of the Project

3.1. Tarek stated:

- 3.1.1 Compliance is the most important mechanism for the job to be done in the best way possible.
- 3.1.2 It's also important to establish a balance between time and quality, while working with accordance to the schedule.
- 3.1.3 USAID believes we have enough time to finish the targets within schedule.

4. Project Description

- 4.1. Natheer gave a description of the construction sites of the Two Packages of SKEP III: the Contractors, schools names, areas along with the Contracts amount.

5. Medanat Website (SKEP III)

5.1. Wahib stated:

- 5.1.1 The website will help all parties (and clients) to have a broader

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understanding since it contains all the information, logs, and even charts required to acknowledge how the Project is proceeding.

- 5.1.2 The website enables its visitors to download the information they are seeking in the forms of word, Excel, and PDF.
- 5.1.3 All the information regarding our staff are also included in the website, and a google map location of the schools is also there for the interested.
- 5.2. Suhair said that the Contractors were provided with the website link (URL), and they already downloaded the forms and started using them.

6. Schedule Issues

6.1. Diana stated:

- 6.1.1 Schedule Commitment: commitment to use the schedule by the owners of each company (Top Management) and adopt this on construction sites, otherwise; there will be problems in work, and thus penalties for delays (Liquidated Damages) will be applied.
- 6.1.2 Schedule Discipline: at Package level; Resident Engineers to ensure using the schedule as a tool to manage, measure, and monitor the progress of work.
- 6.1.3 Schedule Development and Mechanism: this is the duty of the Planner.
 - Make your schedule simple and easy to read and apply.
 - Make the schedule Budget Loaded, Labor Loaded, Shop drawings and Materials schedules are connected with the activities
 - Coordination between the Planner, Home Office (Engineering and Procurement Departments), Resident Engineer and his Site Engineers.
 - Make sure to track the long lead items (as this is for construction of new schools).
 - Site engineers shall be aware of the preparations needed before started the activities. Manpower, materials availability and date of ordering the materials with correct quantities to prevent any shortage, approved shop drawings, sequence of work (example-tiling: laying of elector mechanical installations, backfilling before tiling).
 - Working in parallel at same floor and in multiple floors. SKEP schools have large areas can be managed in zones to accelerate the work.
- 6.1.4 Schedule Adjustment: At some point, the schedule needs to be adjusted due to delays encountered.

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- 6.1.5 Schedule Tracking on Site and Reporting: usage of practical schedule (simple excel sheet) with defined milestones helps site engineers to manage day to day activities and this sheet will help the Planner to update the construction schedule.
- 6.1.6 In all stages, the cooperation of the supervision firm and their planner is mandatory to have integrated relationship.
- 6.1.7 CMTO will conduct Schedule Workshop for discussing more the Schedule usage.

7. How can we Insure Quality in our Project

7.1. Osama stated:

7.1.1 Quality must be insured in the Project and this can be attained by doing the following:

- Having a quality plan that is in line with the company policies and the procedures that should be implemented to meet the technical specifications and Tender Documents.
- The company should always seek high quality since poor quality can affect the company's reputation.
- The quality manager is the key person and the most responsible for managing and observing how things are moving from one hand, and following up with materials' testing, tracking logs, and communication with and at the site from the other hand.
- Technical specifications should be fully understood.
- High outcomes result from hiring qualified and skilled engineers, and it is the skilled engineer job to supervise unskilled workers' job.

7.1.2 The material tracking logs track the materials usage from day one until the end of the Project, and they are also important in monitoring the test done to the materials by the specialized labs and engineers.

7.1.3 Non-conformance logs makes it clear which works are not going according to the specifications (this mostly leads to losing effort and money).

7.1.4 We are here to assist and provide recommendations, and to remind you that the higher managing teams of each party should visit the sites to see for themselves how work is going, while also including engineers and workers in their decision-making and advices.

7.1.5 Contractor should not hastate to fire the ones who are not doing their jobs.

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7.1.6 A workshop about quality is planned, and it will provide you with more details and knowledge about the issue.

7.1.7 Last but not least, the Contractors must speak if they find anything missing in the designs.

(15 Min. Break)

7.2. Hasan stated:

7.2.1 In order to achieve good quality in work as specified in the Contract, we should make sure to approve the material and workshop drawings.

7.2.2 Regarding Material Submittal:

- When the Contractor submits a material, we should go through some clauses in the contract; **Clauses 8.1 and 78** the Contractor must ensure the origin and source of the material, along the description of the item in the Contract Technical Specifications, and to give the Engineer enough time to review and study his request or offer before responding.
- The Contractor should provide samples to support his request, and the Engineer review it in accordance with the Technical Specifications.
- The Contractor should provide all the submittals at first month, and we send him a reminder if he doesn't provide them in time.
- Suhair said that the percentage of the submitted materials are shown in the monthly reports.
- Mike commented: Covid-19 is the main reason behind submittals not being provided on time, and therefore the Contractor must ask for (Time Extension).
- Hassan stressed on that the inspection request should be submitted by the Contractor for each activity. Some activities are consisted of 3 to 4 stages such as plastering work. The work in each stage should be approved before moving to the next stage.
- Hassan presented three charts to insure quality assurance, those charts are related to the approval of materials, approval of workshop drawings, approval of work and dealing with non- conformance cases, all through forms designed especially for this purpose.
- MPWH asked for an explanation for the action done regarding the submittals when a problem arises and how it is dealt with in order to avoid postponing it to the end of the project.

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Dijlah clarifies:

1. The Contract says that all submittals should be provided in one month, but this cannot be done since we are facing obstacles.
 2. Our company receives a reminder from the engineers and we reply explaining the problems at hand.
 3. According to Vendor List: we know we have to comply with it and we discussed this matter with Eng. Natheer. If the materials are not available, we exchange letters on the issue.
- Mike commented that a meeting should be held to discuss Dijlah issues regarding the specifications (list of problems).

7.2.3 Regarding Materials Testing:

- The testing labs are either those approved representing the Contractor or the Royal Scientific Society representing the Employer.
- The Contractors have the right to call for a third party if not accepting the results of the testing, but this third party should be approved by MPWH, and when the Contractor asks for a third party it's his responsibility to pay for its tests.
- Sample tests from the site should be provided, and we are responsible for approving or disapproving it.

7.2.4 Regarding the Shop Drawings:

- Suhair said that every shop drawing is checked by the engineers according to their specialty (i.e. electrical engineers check the electrical shop drawing and so on and so forth).
- Dijlah clarified that for construction work we provide shop-drawings after finishing with concrete works (Footing).
- Mike commented the following:
 1. Drawings should be provided at the site in hard copies, and the Contractor's site engineer should check and mark the drawings to show what had been built on daily basis.
 2. At the end of the Contract, the Contractor must put everything together including the shop drawings made and followed up at the site.
- Dijlah stated that they are already doing so according to the Contract, and work mechanisms.

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8. Contractual Issues

8.1. Eng. Maysoon stated:

- 8.1.1 Explained the roles and responsibilities for Trigon, and the tasks of Trigon, she mentioned that these roles are included in the RFP of the Supervision Contract.
- 8.1.2 Reminded Medanat with the “Engineer” authorities and to be aware that time extensions, variation order, and the provisional sum (all should be viewed and approved by USAID and MPWH. We are working on sheets requested by USAID in this regard, which clarified in brief the authorities and the items that need USAID and MPWH approvals.
- 8.1.3 Mobilization explanation (20% as a payment), divided into 10% after signing the contract agreement before starting the mobilization, and 10% that are after submission of requirements mentioned in the Contract Conditions, also the mobilization payment must return back to USAID during the Contract duration.
- 8.1.4 Regarding Penalties applied on Contractor for Safety, there is three levels of Penalties, details will be mentioned by Safety issues.
- 8.1.5 Regarding Project completion and handing over, “Complete” means. When all work required by the Contract is complete and has been accepted by the Employer. “Final Completion” means the end of the Defects Liability Guarantee Period. Each Contractor’s specifications are organized by MPWH (the regulations of the Ministry are important and must be considered).
- 8.1.6 Eng. Maysoon mentioned that the Contract Conditions included evaluation of Performance for CC, the Contractors must take into consideration the items of Evaluation, Safety, Quality. and other conditions, the evaluation will be bi-annually. Finishing on time is very important, and so is evaluating the performance. Covid-19, on the other hand, is postponing the handing over.
- 8.1.7 We all aware of that MPWH is responsible for classifications of Contractors, but for USAID contracts, USAID and MPWH agreed to include Evaluation of Performance for Contractors that executed USAID projects, and it is included in this Phase, the Evaluation will be Bi-Annually and the main topics for that is Quality, Safety and other items included in the Contract Conditions.
- 8.1.8 The Mockup room is important issue, Eng. Bassima going to talk about it.
- 8.1.9 Finally, Eng. Maysoon stated that it would be better if the

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“Engineer” refer to number of the sub-clauses of the Contract when he issued letters to the Contractors, MPWH and other parties.

8.2. Mike stated:

8.2.1 The Contractor has the right to claim, but he should do so in 28 days. His claims will not be valid after that (FIDIC 1987).

8.2.2 Engineer and Employer can generate variation orders according to the Contract Conditions (sheet). And in relation to the Engineer has 14 days to answer the RFIs.

8.2.3 According to the **Contract Clause 44.2, Time Extensions** can be provided by the Contractor (taking into consideration time and money changes), and these need the approval of both MPWH and USAID.

8.3. Sawsan stated:

8.3.1 The progress of the work will be evaluated weekly and monthly according to the submitted work schedule. If a delay is observed, a letter will be sent to the Contractor asking to expedite the progress of the work, either by increasing the resources and/or by working outside the designated hours after obtaining the written permission of the Engineer as per required in **Sub-Clause 45.1 and Sub- Clause 46.1**. Otherwise, the Employer will be addressed in this regard asking to take the necessary actions with the Contractors based upon the Engineer’s recommendation.

8.3.2 Referring to **Sub -Clause 44.1**, the claims for time extension shall be submitted within a week from the date when the delay occurs along with modified work schedule that shows hoe the delays impact project implementation using the critical path. She also added that the details and the documents that support the Contractor claim should be submitted within 28 days from the initial notifications.

As indicated in **Sub – Clause 53.3**. The Contractors are advised to abide by the above-mentioned requirements since the Contract indicates that the liquidated damages will be applied at the end of the Project regardless the unresolved claims, it is preferable to submit the notice to claim once the event happened.

8.3.3 Variation Orders have to be approved by the Employer and USAID prior to the issuance notwithstanding the Engineer’s approval, the approval shall be in writing as stated in **Sub- Clause 51.2 COC II**, but if there is an urgent matter, a verbal approval could be obtained by MPWH and USAID.

8.4. MPWH asked for a clarification how to deal with issues related to the

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updated schedule. Natheer said that the Contractor is the party responsible for the construction, thus he provides us with what he sees suit him better in regards to the time line.



8.5. Mike added:

- There is one schedule that is approved by the Engineer at the beginning of the work. The Contractor should point out the stage of the work done (if he is ahead or behind the timeline). These, afterwards, should be discussed in the monthly meetings.
- It's not up to anybody to change the baseline schedule.
- The Contractor should use the meetings to inform us about what he is going to do in order to correct the works done wrong or delayed.
- Time extensions are sent back to Contractor after being reviewed with recommendations from the concerned parties.
- Changing the schedule is totally different form updating it.

9. Safety Issues

9.1. Osama said that we are seeking zero injuries in the sites. Every party should know the procedures and communicate them with the site staff, including the skilled and unskilled labors, with explanation of how to avoid hazards.

- The Jordanian culture have an issue when it comes to construction works, which is that the workers are not always abiding to the safety requirements. Therefore, it is the top management job to observe and enforce the safety measures at the sites and such matters should be discussed in accordance with each company's safety policy.
- Just as important is to have an approved dumpsite, and a tracking log for the excavated materials.
- The Contractors should keep in touch with the Engineer with each step they take.

9.2. Mohammad stated:

- Covid-19 is the biggest problem for health and safety in sites these days, and it is an issue that we always discuss with the Contractors.
- We provide each package with a safety officer, who are responsible for supervision in each school.

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- We recommend what should be done at sites to fix or avoid safety hazards in accordance with the Contract.
- The construction site safety is our main priority.

10. Reporting, Meetings and Communications

10.1. Suhair stated:

- Reports:
 - i. We use daily reports and logs to track the number of equipment, man-power, weather conditions, materials, safety issues, and to evaluate how work is proceeding.
 - ii. There is another type of daily reports In some cases considered as urgent and to ensure safety requirements daily follow up is conducted by the supervision staff and the head office upon that daily reports are issued and provided to all parties.
 - iii. Weekly reports are prepared by supervision staff consist of the total activities per day for one week and the assessment of contractor performance during the week.
- Meetings:
 - i. Progress meeting will be held monthly during performance of the work. Additional meetings may be called as progress in executing the works dictates.
 - ii. Weekly site meetings with Contractor.
- Communications:
 - i. Communication with our staff: technological means such as WhatsApp, Emails, Virtual meetings and Telephone calls will be used to keep continuous communication between Supervision Staff and Head Office.
 - ii. The communication with the Contractor will be through correspondences, telephone calls, e-mails and meetings. The Head Office will be ensure quick and smooth response to the Contractor.
 - iii. We will keep contact with the Designer to resolve any arising design issues.
 - iv. Direct and Continuous communication with MPWH, USAID and Trigon will be adopted for the benefit of the project.

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11. RFI Procedures

- 11.1. Mike stated that the Contractor could use the informal means to communicate with the Engineer if required (such as private emails and phone calls to ask questions or inquire about certain issues).

12. Project Completion & handing Over

12.1. Natheer said:

- The Contractor is done with a certain job he should contact the Engineer so they can inspect the work done.
- And here the Engineer will have two options, one is to approve that the work is done probably and write a letter to the Employer saying so, or give instructions if something is missing or not done right according to the work plan.
- The Contractor can complain to the Employer directly about the results, and the Employer has to choice to reject or accept the claim with what he sees suitable.
- The taking over committee is responsible for inspecting to work after it is all done, and this should be done in 10 days' time. Meanwhile the Contractor and Engineer should provide all the data and drawings to facilitate the committee's work.
- The Engineer's report will depend on the Committee's inspection

12.2. Mike said:

- The process of taking over will be explained in details and in an easier way for all the parties.

12.3. Natheer stated the following:

- When the whole of works have been substantially completed and have satisfactorily passed, tests on completion prescribed by the Contract, the Contractor may give notice to that effect to the Engineer, with copy to the Employer, accompanied by a written undertaking to finish with due expedition any outstanding work. Such notice and undertaking shall be deemed to be a request by the Contractor for the Engineer to issue a taking over certificate in respect of works.
- The Engineer shall conduct an inspection of works and submit a report of the Engineer's findings to the Employer and a copy to the Contractor. The Engineer may either certify that the works have properly completed and can be taken over, or give instructions to

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- the Contractor specifying the works which are -in the opinion of the Engineer- required to be done by the Contractor to the Engineer's satisfaction, and within a prescribed period of time determine by the Engineer, before the issue of the taking over certificate.
- If the Contractor has any objections to the Engineer's report, the Contractor may refer this matter in writing to the Employer, who shall, in the manner the Employer deems suitable, investigate the situation to ascertain the validity of the Engineer's report or form a committee for the taking over of the works.
 - The Employer shall within (10) days from receipt of the Engineer's report, form a taking over committee, including the Engineer as one of its member, and shall notify the Contractor of the time and date fixed for carrying out an inspection of the works, the Engineer and the Contractor shall meantime, prepare all necessary schedules, bills and drawings as necessary to facilitate the said committee's work.
 - The taking over committee shall, within 10 days from the date of being formed, conduct an inspection of the works.
 - Upon being satisfied that the works are ready for taking over, the committee shall prepare a memorandum of taking over of the works signed by the committee's members as well as by the Contractor, copies shall be given to the Employer and USAID and the Contractor .
 - If the taking over committee fails to inspect the works within 14 days calculated from the end of the above-mentioned 10 days, the date stated in the Engineer's report shall be considered as the date of taking over.
 - The Engineer shall within 7 days of the date of signing the memorandum issue the taking over certificate in respect of the works, stating the date on which the Engineer considers the work as being substantially completed, that date consider the start the defect liability period.
 - The Contractor is entitled to comment on or object the memorandum of the taking over committee in writing to the engineer, provided the contractor does so within 7 days from the date of signing the memorandum. The Engineer, in such case, shall study the objection and submit the Engineer's finding to the Employer.

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- On the completion of the works, the Contractor shall submit:
 - i. Three copies of maintenance and operating manuals for all mechanical and electrical equipment.
 - ii. As built drawings for all works.
- In case of the default of the Contractor to complete all the works (including the punish list) within the Contract Period, the Employer, and after consultation with the Engineer shall be entitled to:
 - i. Hire external Contractor to complete the works at the Contractor expense.
 - ii. Deduct an amount equal to double the cost of completing the works by a third party.
 - iii. Apply daily liquidated damages equal to amount specified in the appendix to form of tender.

13. Defects Liability Period

13.1. Suhair stated:

- The Engineer and MPWH teams will address the maintenance requests. A meeting on the matter will be held every 4 months. And there is also a monthly visit for each school to see how the work is moving.
- If problems were found a study about the causes will be done by the Engineer to help all parties involved in the project, and recommend an action to be done by the Contractor with the help of MPWH and MOE.

13.2. Tarek said “Please seek the best materials and have more supplied to the sites”.

Derar said “Everything is explained in the Contract and we shall follow up if any problem occurred.”

Suhair said let’s bring the meeting to a close. She thanked everyone for coming.



SKEP III Pre-Construction Conference at Medanat Office



Monthly Progress Meeting, Jan 24, 2021– Jumana Bint Abi Taleb Basic Mixed School- Amman
(Refer to Table 2. Coordination & Progress Meetings – Page 16)

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III

Location: Jumana Bint Abi Taleb School/ Marka/ PK2
Date: January 24, 2020
Time: 11:00
Present:

1. Eng. Basema Shehan ,HDIFP, MPWH
2. Eng. Ola Nababteh, Engineer at IFP, MPWH
3. Eng. Tarek Rashdan, PMS, USAID
4. Eng. Mike McGovern, Chief of Party, CMTO
5. Eng. Osama Obaid, SCM, CMTO
6. Eng. Wahib Medanat, General Manager, Medanat
7. Eng. Suhair Amarin, Project Director, Medanat
8. Eng. Natheer Amarin, Project Manager, Medanat
9. Eng. Hasan Shaqbou, QC Manager, Medanat
10. Eng. Sawsan Al-Yousef, Resident Engineer, Medanat
11. Mr. Muhannad Abu Rsheid, Genenral Manager, Dijlah
12. Eng. Amer Abdel Ghani, Project Manager, Dijlah
13. Eng. Ayman Abu Lawi, Planning Engineer, Dijlah
14. Eng. Firas Odeh, Project Manager, Dirar Al Saraireh
15. Eng. Yousef Abu Znaimeh, Planning Engineer Dirar Al Saraireh



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The Purpose of the Meeting is to follow up the Progress of the Project and to discuss some Issues regarding the submitted mechanical Materials.

At the beginning, Suhair gave Introduction about the purpose of the meeting and asked Natheer to talk about the prepared **Safety Moment**. Natheer Referred to an accident where two girls were hit by a truck in Queen Rania Al Abdullah Street. Mike asked about the learned lesson from this incident, Natheer answered that protective measures should have been taken into consideration by adding more safety signs and that safety measures should be appropriately adapted.

Introduction- Package 2

1. Description of Jumana Bint Abi Taleb School

- 1.1. Yousef gave a brief about the new building; the total area, the details of each floor and the external works.
- 1.2. Mike asked about the project bid price, Yousef clarified that it is 2,936,321 JD.
- 1.3. Mike suggested to give more information such as the price per SQM and per each student next meeting.

2. Mobilization

- 2.1 Sawsan stated that mobilization is completed and the second part of the advancement payment is released.

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2.2 Suhair added that the software of the PCs are not delivered yet.

3. Health, Safety & Environment

3.1 The Contractor abides by Contract requirements regarding safety, health and environmental, he expedited the execution of the retaining walls for urgent safety purposes and to avoid any risk in the construction site.

3.2 Regarding environmental, all debris and excavation extracts that could not be used for backfilling are removed out of the site to the authorized dumps; accordingly, the related forms are filled. This applies just to Thahr Al Sarow School.

3.3 Suhair stated that there is a form that Medanat Office uses called "Dumping Form" for the excavated and unneeded material that should be submitted by the Contractor.

- The Contractor should provide us with receipts that he will bring from the authorized and official body. Our office cannot allow dumping if not going according to an authorized process, and receipts are the proof that the trucks delivered the unneeded materials to the right place. Compliance is the most important mechanism for the job to be done in the best way possible.

3.4 Basema asked if the excavations are completed, Natheer stated it is in the final stages.

4. Work Progress

4.1 Mike stated that the working in the boundary walls is good and added that the Contractor should be included in the daily reports sent by the E-mail. Sawsan said they will be sent daily starting with this date.

4.2 Sawsan said that the work progress in all schools is as per the schedule, except for Jumana it is ahead of the schedule.

4.3 Wahib discussed the following:

4.3.1 Assessment of completion percentage for package II:

- Commencement date
- Contract duration
- Approved extension
- Elapsed time to date

4.3.2 Reviewing work programs and achievement ratio for every school of package II as follows:

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- **Hay Al Iskan Basic Mixed School:**
 - a. CPM work program and work done in the site to this date.
 - b. Cumulative Elapsed Time (scheduled and actual) to 31/12/2020, where it is shown that the actual progress is 4.5% less than the scheduled up to 31/12/2020.
 - c. But the actual progress, up to 24/01/2021, had increased significantly, as we can notice that the difference between the actual progress and the scheduled had dropped by 3% roughly.
 - d. Here are some photos from the school that shows the progress of construction at the site.
- **Thahr Al Sarow Basic School for Boys:**
 - a. CPM work program and work done in the site to this date.
 - b. Cumulative Elapsed Time (scheduled and actual) to 31/12/2020, where it is shown that the actual progress is 4.5% less than the scheduled up to 31/12/2020.
 - c. The actual progress, up to 24/01/2021, had increased significantly here as well, which is clear in the difference between the actual progress and the scheduled that had dropped by 1.4%.
 - d. Photos of the school that shows the progress of construction work at the site.
- **Jumana Bint Abi Taleb Basic Mixed School:**
 - a. CPM work program and work done in the site to this date.
 - b. The Cumulative Elapsed Time (scheduled and actual) to 31/12/2020, where it is shown that the actual progress is 3.8% less than the scheduled up to 31/12/2020.
 - c. The actual progress, up to 24/01/2021, had increased significantly, and the progress percentage has exceeded the scheduled by 2%.
 - d. Photos from the school showing the progress of construction work at the site.
- 4.3.3 A review of the progress for package II as a whole:
 - a. CPM work program and work done in the site to this date.
 - b. Cumulative Elapsed Time (scheduled and actual) to 31/12/2020, where it is shown that the actual progress is 4.2% less than the scheduled up to 31/12/2020.

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



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- c. Up to 24/01/2021, the actual progress rose significantly, and the difference between the actual and the scheduled progress was only 0.9%

5. Quality Issues

5.1 Hasan conveyed 2 issues related to quality control. First, the status of laboratory testing and second the status of submittals by contractor and as follows:

– Laboratory Tasting

- a. Regarding laboratory testing, things are going very well for all items tested so far such as excavated materials, concrete mixes and steel reinforcement.
- b. Confirmed that the excavated materials are not convenient for back-filling will be submitted by single size in accordance to the contract.
- c. All grade 40, 10mm bars were removed from the site and substituted by grade 60, 10mm steel bars.
- d. Regarding concrete, all results coming from the laboratories are satisfactory (most of after 7 days of casting) and gave an indication to the next result after 28 day of casting.
- e. Presented the special log prepared for the follow up of the needed tests.
- f. Osama asked if problems were encountered in concrete testing, Hasan answered just two at most and they were solved. Adding that the excavated material is not a huge problem since it is covered in the Contract, so they can be imported if required.
- g. Basema asked if the single size is mentioned in the BoQ, Suhair answered yes. Sawsan clarifies that single size could not be used for the unconfined areas such as the playground and the assembly morning at Thahr Al Sarow school and added that a new item of selected materials (Backfill) shall be created.
- h. Mike asked about the bodies doing sampling for concrete, the Contractor, Amer said that RSS and the approved laboratory and the concrete supplier, Hasan added that the technicians do these tests.
- i. Mike said that he did not notice any water path on site, and asked about the place samples are put in. Yousef answered that there is a sample room, and water tanks are there in all sites. Sawsan stated that it is one of the Contract requirements.
- j. Mike suggested taking a tour in the laboratories sometimes, and arrange that with Osama and Hasan. Amer said we will. Mike

Minutes of Meeting

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explained that a tour will give a better idea about how laboratories do their job, and Trigon wants to review the sheet that shows all the break data points that the laboratory provides.

– Material Submittals

- a. Showed the log designed for following up of this issue and presenting the percentage of each civil, architectural, electrical and mechanical submittals to date, along with the status of these submittals. Mike asked about the total percentage of the submitted materials, Amer answered 47 %.
- b. Mike suggested using a lighter shade of green to cut cost of colors in printers.
- c. Mike asked the Contractor if he is behind the schedule concerning the submittals, Muhannad confirmed this, pointing to mechanical material submittals and explained the following:
 - Everything is going smoothly with electrical and other materials.
 - Encountering problems with mechanical submittals, and it is reflected on the shop drawings.
 - Wahib Medanat office tried a zoom meeting, but no problems were solved.
 - These problems are almost the same as the ones we faced in SKEP II.
 - An RFI was made on the matter, and a discussion was intended, but there were some technical issues in the internet that limited the discussion.
 - We understand Wahib Medanat Office is following the contract and cannot do any changes to it.
- d. Mike addressed the Contractor saying:
 - You need to start writing letters, when you have a comment on the submittal itself, so the submittal has a record of the discussion on this point including dates.
 - You'll have the forms coming back to your electronically and you'll write your response back on the form so start with the letters.
 - Letters (submittal forms) have the technical information on them, this will help making updates on submittal tracking logs.

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



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- About going to Engicon this is up to them, and they'll answer you back on the matter.
 - When you have the tracking log in good shape it will be easier for the Designer to go through it step by step.
 - You have a point, if the Ministry has approved these submittals in SKEP II then they had to have formally approved it, and they can enter that discussion, but first you have to go to the Designer with Medanat office, and this actually belongs to Medanat as the Engineer here.
- e. Basema stated:
- In SKEP II, I noted that the Consultant Engineer approved the submittals and some changes, but when we went back to the addendum we saw that this is under the Engineer authority, they didn't need to take the MPWH approval.
 - After the inspection done by the Taking Over Committee (our special electrical and mechanical engineers), we found a difference when compared the installed material with the BoQ and the specifications, and in some cases there was a fault in some materials (not the same as the quality they were conditioned to have).
 - I read a brief which as Eng. Natheer response regarding the meeting with the Designer for the mechanical issues, and though I'm not a mechanical engineer myself, but I noticed that the authority regarding this is completely in the hands of the Engineer, the Designer said I think the Engineers are reasonable (or the requirements are reasonable), therefore, go for the Engineer to have the decision.
 - We as the ministry need a clear recommendation per item if there is a need to change it from the Contractor (we should have a full recommendation) then we'll see if we'll approve it or not. Mike:
- f. Mike said:
- I don't believe that the design engineer has the right authority to make changes in the design specifications and give it back, if I was the inspector I would refuse that because now I'm taking authority for the design and I'm not paid for that.
 - Making a design requires paying the designer.
 - I think we have a situation Eng. Basema where there is

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



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this question about things that were approved in SKEP II by the previous supervisory Engineer and I think that Dijlah has a legitimate point here, and how can we resolve this, I think that this and the other things you said need a higher level meeting with the ministry.

- g. Basema commented that this can be arranged with our mechanical department
- h. Mike stated that:
- We have to examine this, this is not an issue that is inside the specifications
 - This needs a higher-level discussion and action.
 - I will send an email to you and Lana, and suggest a meeting for later this week.
- i. Basema asked if it will be entirely about the mechanical issues, or other things?
- Mike answered that it will consider all things that were approved by CCG, it is more than mechanical. Basema stated that there is no need to discuss CCG for now, we are talking about SKEP III, so we won't discuss anything previous to the project at hand. Tare agreed and added he thinks this meeting to set a pace and touch ground on how we will move forward with such changes.
- j. Basema stated that they prepare for the meeting by coordinating with the mechanical engineers and their manager, and we'll have a clear recommendation and documentation including the vendor and the specification for each item, so we can solve everything. This should be done immediately so it doesn't affect the schedule.
- k. Wahib commented that we have a different Contractor for each package, one of them is complying with the specifications, so is there a reason to take the other Contractor and head to MPWH? Basema commented "it is your decision engineer Wahib. Wahib stated that we already made our decision clear regarding that.
- l. Tarek asked: "Why is the Contractor requesting a change in the specifications?"
- Suhair answered it is based on SKEP II.
- m. Muhannad said that:
- There are some major problems, the pipes for instance but we solved that.

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Subject: Monthly Progress Meeting – SKEP III



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- We are not seeking change in specifications necessarily, and also not trying to imitate SKEP II, there is some technical issues and we have to solve them.
- Tarek commented: "But in my opinion if you would allow me to speak for the ministry, I think for the ministry to accept that there has to be a justification for an exemption to be issued and this exemption will apply to all projects. So if it applies to you (Contractor) it will apply to all other Contractors."
- Mike asked Muhannad: "If you going to give a substitution you are also going to give deduction right?" Muhannad answered: "Of course".
- Wahib asked: "What if the other contractor came to us and asked us why did we approve a different material? Tarek commented: "This is why I was saying it has to be exempted and justified, if there was problem."
- Suhair said: "Isn't it possible for the Contractor to just submit materials that meet the specifications as easy as that?"
- Tarek asked the Contractor: " -Why aren't you abiding by the specifications?

Muhannad stated that we are abiding, but in our opinion, there is a problem in the specifications themselves, a conflict between the BoQ and the specifications. Tarek asked: "Is it related to design?" Muhannad answered: "It is related to the designer in a way, but the one who makes the decision is not the Engineer, it is the Employer with USAID." Basema said that regarding some items, we are in need for Engicon response, we asked Eng. Natheer that we need Engicon response regarding the mechanical works. Suhair confirmed that they already responded. Muhannad stated that they didn't talk this with Engicon, didn't have enough time. One meeting can solve all the problems.

- Suhair stated that now we have to move to the other Contractor. So muhannad is there anything else?

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



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6. Different Issues

6.1 Mike stated:

- We need a total for employees on the report that have the Employment figures. We also need a cash flow schedule. Wahib and Suhair said: Up Until now, there is nothing but the down payment.
- Mike to Muhannad: "You need to call a monthly payment; it takes 60 days to get paid. Therefore, you need to send a monthly bill, and you need to make sure you do it as soon as possible, so you don't encounter a lack in funds." Muhannad commented: "we already submitted the first payment."
- Regarding RFI s, Mike said:
 - a. Regarding RFIs and Submittals' forms, again we don't need cover letters, we need to update these forms electronically, you can submit them to Basema and Ola but you don't have to submit them to Lana and Tariq. So use the forms, and the same thing goes for claims and time extensions.
 - b. When you submit a time extension request or a claim request, USAID send those to us to review, and the first thing we write on them is, are they going in accordance with paragraphs (44. 1, 2, 3) and (57. 1,2, 3,4) And if you haven't submitted the claim of the request for time within 7 days and then submitted your justification in 30 days, then we'll write a letter to USAID saying this is not complying with the contract and shouldn't be reviewed. So you need to pay attention to the contract.
 - c. (Speaking to the Contractor) do you receive our field trip reports? Muhannad ; Yes we do.
 - d. Concerning the usage of provisional sums , Mike asked Medanat : " have you submitted a request to Basema and the USAID about using provisional sums ? " Suhair answered : Yes. Natheer added that there is another one for the other Contractor about the elevators because the elevators are provisional sums.
 - e. Suhair stated: "We are considering 2 things here, one is if we encountered a conflict between specifications and drawings, that is a negotiable issue, but when it comes to submittals they are not open for negotiations. We can't negotiate changing specifications; it is not our authority.

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



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Introduction- Package 1

Suhair asked an Introduction of each member's name and occupation.

1. Description

Awni gave a brief about the three schools of package one their facilities.

2. Health , Safety and Environment

2.1. Awni stated: "we are following the safety regulations as per the safety plan approved, we implemented measures at the site, and we have a visit last week from Trigon and it was as per the standards."

2.2. Suhair asked: "What about COVID-19 measures?" Awni answered: "We are taking all measures regarding COVID-19, such as disinfection stations on entrances of all sites, and also for vehicles. health signs are spread everywhere in the site to aware people, and disinfection solution is distributed at the entrances too."

2.3. Mike stated that t he reports are great, you are doing a good job with health and safety and what about tool-box, are you doing tool-box weekly? Awni ;" -It is done weekly for both the labors and staff." Mike asked ; "What do the labors think? Are they interested in it?" The Contractor said : "It is new for them but they are ok with it." Suhair confirmed that the engineer has photos and documentations for this of course.

3. Mobilization

Awni said that the mobilization is almost complete, offices, furniture, facilities, almost everything.

4. Work Progress

Eng. Wahib gave an assessment on package I schools progress:

4.1. An up to date schedule for all schools of package I in terms of the following:

- Commencement date
- Contract duration
- Approved extension
- Elapsed time to date

4.2. Reviewing work programs and achievement ratio for every school of package I as follows:

- **Um Al Dananir Basic Mixed School:**

- a. CPM work program and work done in the site to this date.

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- b. Cumulative Elapsed Time (scheduled and actual) to 31/12/2020, where it is shown that the actual progress is 1.2% less than the scheduled up to 31/12/2020.
 - c. Up to 24/01/2021, the actual progress rose significantly, and the difference between the actual and the scheduled progress was only 1.9%.
 - d. Reviewing photos that explain the progress of work at the site.
- **Al Khansa' Basic Mixed School:**
- a. CPM work program and work done in the site to this date.
 - b. Cumulative Elapsed Time (scheduled and actual) to 31/12/2020, where it is shown that the actual progress is 1.4% less than the scheduled up to 31/12/2020.
 - c. Up to 24/01/2021, the actual progress rose, and the difference between it and the scheduled progress was a mere 1.3%.
 - d. Photos of works going on in the site (the progress of construction)
- **Khadija Bint Khwailed Basic Mixed School:**
- a. CPM work program and work done in the site to this date.
 - b. Cumulative Elapsed Time (scheduled and actual) to 31/12/2020, where it is shown that the actual progress is 0.5% less than the scheduled up to 31/12/2020.
 - c. Up to 24/01/2021, the actual progress rose, and the difference between it and the scheduled progress was a mere 0.45%.
 - d. Photos covering the progress of work from the site.
- 4.3. Progress percentage for package I as a whole:
- CPM work program and work done in the site to this date.
 - The Cumulative Elapsed Time (scheduled and actual) to 31/12/2020, where it is shown that the actual progress is 1.05% less than the scheduled up to 31/12/2020.
 - Up to 24/01/2021, the actual progress rose, and the difference between it and the scheduled.
- 4.4. Mike asked: "Did you start construction in the schools yet?" Suhair answered: "Still excavations in Um Al-Dananir, the construction has started in one school "Khadija".

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- 4.5. Mike what about the material that wasn't accepted before what happened to it?, the Contractor ; " We have another item ", Mike ; " So you have found an approved source? " Awni : " - Actually as per BoQ we had to replace it by selecting single size." Mike ; "Is there BoQ item for that?" , Suhair ; "Yes".
- 4.6. Natheer stated that regarding the out goings in Al Khansa', we expect a delay in the coming days, because the geotechnical lab, the designer geotechnical lab completed 3 bore holes only, he couldn't complete the 8 bore holes and there is a note in the soil test report that says when the whole area is excavated contact us to come to continue the other 5 holes , and added Engicon told me they contacted the Contractor also. Suhair commented that they moved to the site to continue their job today.
- Natheer: "I'm afraid that after they take the other five their test will require a change in the design, I hope everything goes ok, but this is the worst case scenario." Mike asked : " Natheer are you keeping Engicon informed about this?" , Natheer answered : " Yes I sent RFI informing them that they should contact the "Aces" regarding this matter". Mike commented: "Have you giving him (meaning the Contractor) an advice on 44-44. I claim for time extension, he should put this thing that could be a claim for an extension of time" Hasan stated that they said that in a letter to avoid delay. Mikke : "-(the Contractor) needs to do this, to establish his position that he needs a claim for time.
- Natheer: " Al Khansaa is a difficult site, because of the mountain like landscape meanwhile Khadija is a good site for construction works.
- 4.7. Concerning Khadija the Contractor mentioned that the only problem they are facing in the mentioned site is the road entering the construction site, Natheer stated that this is not actually a problem.
- 4.8. Concerning retaining walls , Mike asked if there will be large retaining walls in one of the sites . Natheer answered that at Al Khansaa since the excavation sides are vertical , the Contractor will start with the execution of them. Mike commented that you also have to make sure when you do this thing you'll look to see what's on top of this thing; if it houses or buildings you have to protect them, so I take the soils in this place is much different from Jerash, the Contractor agreed , Mike added : " Cause these soils are not good." Natheer stated that it depends, Al-Khansa' is different from Khadija, Al-Khansa' is rocky compared to the others, Mike ; "so it is more dangerous than the staff in Jerash, you need to work with retaining walls.", Suhair said : "You can see through these photos from Al-Khansa' that it has a mountain landscape."
- 4.9. Natheer said that the problem is that the communication means are suffering a difficulty, our engineer has to walk to the main street for their internet and phone network to work. Suhair commented;" We should hold a meeting in there it is a lovely place, so quiet and isolated."

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5. Quality Issues

5.1. Hasan conveyed 2 issues related to quality control. First, the status of laboratory testing and second the status of submittals by contractor and as follows:

- Laboratory Tests:
 - a. Things are going very well for all items tested so far such as excavated materials, concrete mixes and steel reinforcement.
 - b. Confirming that the excavated materials are not convenient for back-filling will be submitted by single size in accordance to the contract.
 - c. Regarding concrete, all results coming from the laboratories are satisfactory (most of after 7 days of casting) and gave an indication to the next result after 28 day of casting.
 - d. Presenting the special log prepared for the follow up of the needed tests.
 - e. Basema said that the backfilling should be tested by the RSS, Suhair said : " of course".
 - f. Hasan stated the log shows the status of the tested concrete cubes. Mike to Hasan : " When you said the tests are ok you are talking about 7 and 14 day breaks (for the concrete).Hasan said : " : For the concrete most of the samples are tested on 4 days , Mike : "For this is a new project, so all your tests are 7 to 14 days right?" Hasan : " Most of them are in 7 days only." Wahib commented : " : It's just an indication." , Hasan clarified that log includes two lines; one for 7 days, and one for 28 days. Mike." what about 14 do you do 14". Awni: "There is no need to do 14." Wahib: "The main problem is the percentage of porcelain in the cement, sometimes at 7 days it cannot give you 0.67 from the final result." Mike: "Then you do 14?". Wahib : "14 is not regular, we always go to 7 days, and maybe when the porcelain in cement is higher it takes two months to take them, so the contractor keeps the cubes for 2 months for this purpose."
- Materials Submittals
 - a. Hasan said presented the log designed for following up of this issue and presenting the percentage of submittals to date, along with the status of these submittals. He confirmed that there is no rejected materials up to date, Suhair stated that all the submitted materials met the specifications. Mike: "you need to tell us next month, what percentage of submittals have been given. I need the percentage of the total submittals." Osama: "what about the shop drawings?"
 - b. Osama asked about the floor tiles , Suhair stated that actually the Contractor submitted floor tiles which meet the specifications in the first time, and we approved the materials

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and the colors, and we sent you a letter asking you to provide us with a contact person who will do the shop-drawings because there is a condition in the Contract that you should do shop drawing for each space in order to calculate the quantities, you can't calculate the quantities without approved shop drawings, so you should provide us with a contact person.

6. Mock up Rooms

- 6.1. Eng. Suhair have you discussed with the Contractor Derer Al-Sarayrah about the mock-up room. Suhair: " Yes." Basema commented: " Is it the same status for Dijlah did we agree to the somethings?" Suhair answered: "Yes, and we have prepared a letter for MPWH, same letter we will give our recommendation to both Contractors as we agreed."
- 6.2. Basema asked Tareq if he has any objections about the duration of the mock-up room, we need a written approval we will send you an e-mail after the recommendation from the Engineer, and we need an approval from you to issue a formal letter. Tareq answered : " Yes, absolutely " , Suhair stated that there is no need to build required mock up rooms and then demolish them ,Tareq agreed upon, Basema added that there is no need to specify a date for the slab on grade because we do not know when it will happen , Suhair stated that the date is according to the schedule. Basema asked if it is possible that the guard room to be the mock up room, Mike commented that it will be waste of time since it will removed right away , Suhair stated that it is preferable for the Contractor to execute the said rooms in the building since the guard room belongs to the external works. Tareq asked: "So once you have the Slab on Grade".

7. Different Issues

7.1. Plot Boundary

- The Contractor mentioned that they have a problem in the plot boundary, Awni answered that letter were sent to the Contractor in this regard and this issue is solved, Suhair confirmed that. Mike asked for more clarifications, Awni stated that a problem in Um Al-Dananir the street is wrongly put, it's not a main street. Basema : " What about the fence?" , Suhair : " the fence is shifted ." Osama : " How much is the width of the street." Awni : " 5m" Osama : "So how much do you need to take from it." Natheer: " Half of it ".Tareq : " Speeding of project completion how much will be lost from

Minutes of Meeting

Subject: Monthly Progress Meeting – SKEP III



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the road." Basema: "Two meters from the school and one meter for side walk, so you'll take 3 meters from the street."

Mike: "So if you have a construction fence and there was one lane, and somebody is driving so fast, at night to go to sleep, so he comes through the fence and you have some excavation for a couple of meters, and somebody gets hurt maybe there is a woman and children in the car, so now they coming for you, they'll bring a lawyer, I won't be using a construction fence, I'll use some Jersey barriers, and I'll have some signage, maybe even some lights at night, you know you need to protect yourself and also the municipality needs to give them a letter that says he is allowed to do this, to protect himself."

- Security Issue, Mike asked: "What about the security issue , is it finished ?, Awni, it is settled. Mike to the Contractor: "put your request for payment before you need it cause it takes time to get paid ok, be smart with your request for payment, medanat should advise them and remind them."
- Mike stated that: Medanat are doing a great job and they will help you. When you have a question like that about the road you need to write a request for information, and it needs to be on the correct form, when Medanat will send a response it will be written under yours, so you don't have to write letters, you just keep using the request for information to make a record of your decision and the same thing goes for submittals, just use the submitted form over and over again ok. Same thing applies to the claim and request for information.
- Basema to Eng. Suhair: anything related to site obstacles should be a priority and we should be updated daily on the matter, so we can solve things as fast as possible. We don't want things to be postponed.

Monthly Progress Meeting, Jan 24, 2021– Jumana Bint Abi Taleb Basic Mixed School- (Refer to Table 2. Coordination & Progress Meetings – Page 11)



A Meeting to discuss the latest updates on work at Jumana Bint Abi Taleb Site





Eng.
Sawsan
reviewing
Package 2
Spread
sheets



Eng Whaib made a presentation on (Scheduled and actual) progress percentages through dara-show

Annex -4-
4.2 Site Visits

Medanat Office Visit, Jan 13, 2021– Khadija Bint Khwailed Basic Mixed School-
Al Shouna Al Janobia
(Refer to Table 3. Site Visits – Page 17)



Complying with
Covid-19 protocol



Observing
work progress
at the site



Engineer Wahib addressing the site staff and the fresh graduates about the main points they should pay attention to, such as: quality of work, safety measures on site, and documentation

Medanat Office Visit, Jan 13, 2021– Al Khansa’ Basic Mixed School- Al Balqa
(Refer to Table 3. Site Visits – Page 17)



Engineer Wahib observing the progress of the excavation works



Engineer Suhair discussing obstacles status at the site

Trigon Visit, Jan 17, 2021– Um Al Dananir Basic Mixed School- Al- Balqa

(Refer to Table 3. Site Visits – Page 17)



Eng. Odai- Trigon-
Discussing Health
and Safety issues
at the
construction site
and checking the
Contractor
compliance with
health and safety
measures.

Trigon Visit, Jan 25, 2021 – Khadija Bint Khwailed Basic Mixed School-
(Refer to Table 3. Site Visits – Page 17)



Safety equipment provided at the site Safe access



Trigon Visit, Jan 25, 2021 – Al Khansa' Basic Mixed School-
(Refer to Table 3. Site Visits – Page 17)



Safety Tool Box
Talks

Covid-19
measures



Site visit on Jan 12, 2021 – Al Khansa’ Basic Mixed School- Al Balqa
(Refer to Table 3. Site Visits – Page 18)



SKEP III

Site Visit Report

**WAHIB
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consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	014
Contractor	Derar Saraireh & Sons for Engineering & Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
Site Name	Al Khansa'a Basic Mixed	Day/ Date	Tue. 12/01/2021
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 remaining boreholes in order to follow up this issue with the designer and the Geotechnical lab		
3	Discussing the expedite of the retaining and boundary walls for safety purposes		
Attached			
<input type="checkbox"/> 1:			

1

- CC: Project Director

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Form # QP SUP 01-18, Rev.1

Site visit on Jan 12, 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.	13
Contractor	Derar Saraireh & Sons for Engineering & Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
Site Name	Khadija Bint khwailed Basic Mixed	Day/ Date	Tue. 12/01/2021
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 main building footing.		
2	Discussing the situation of existing boundary wall for neighbors and collecting all the information needed to send RFI for the designer to solve the difference in levels between the wall footing and the proposed sidewalk FFL.		
3	Discussing the security issue		
Attached			
<input type="checkbox"/> 1:			

1

CC: Project Director

\\Server\data\E\PROJECTS FILES\368\Site Visit Report\Jan .2021\Site Visit Report- 013.docx
Form # QP SUP 01-18, Rev.1

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



SKEP III

Site Visit Report

**WAHIB
MEDANAT**
consultant engineers

Consultant	Wahib Medanat Consultant Engineer	Rep No.	017
Contractor	Derar Saraireh & Sons for Engineering & Contracting	Tender No.	(11/2019/USAID/SKEP/3/S) Schools for a Knowledge Economy Project (SKEP) - Phase (3) Package (1, 2)
Site Name	Um Al Dananir Basic mixed	Day/ Date	Wed. 27/01/2021
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.		
2	Follow up progress of work.		
3			
Attached			
<input type="checkbox"/> 1:			

CC: Project Director

1

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Form # QP SUP 01-18, Rev.1

Annex 5: RFI Tracking Log

5.1 RFIs – Designer

5. RFI Tracking Log

5.1. RFIs to Designer

RFI.	Name of School	Description		Details of Designer Response		File Location
		Date		Date		
001	Al Khansa' Basic Mixed School- Al Balqa	18/01/2021	Soil Investigation	21/01/2021	Designer contacted (ACES) and they will be coming to Al-Khansa' school site early next week	..\..\RFI- Form\Designer Reply- RFI 001.docx
002	Khadija Bint Khwailed Basic Mixed School	26/01/2021	Plot Boundary	28/01/2021	<ul style="list-style-type: none"> - communicating with neighbour and suggesting demolishing the wall. - it's the contractor is responsible for verifying all site levels and ensure the stability of all site structures. - protecting exposed soil under the foundation is up to site engineer Judgement 	..\..\RFI- Form\Designer reply- RFI 002.docx

(Table 45: 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
2	Al Khansa' Basic Mixed School	29-12-2020	Correct plan for the boundary walls	at site		X	31/12/2020	There is no difference between struc and arch drawings except boundary wall name, so used struc boundary wall name in shopdrawings	X	..\..\RFI- from Contractor\Al Khansa' Basic Mixed School\RFI- 002 - Done.jpeg
3	Al Khansa' Basic Mixed School	23-01-2021	Water stop in boundary walls	at site		X	25-01-2021	The waterstop is not required for boundary walls	-	..\..\RFI- from Contractor\Al Khansa' Basic Mixed School\RFI-003 - Done - Sent to Qays.jpg
1	Khadija Bint Khwailed Basic Mixed School	20-01-2021	proposal for casting concrete for attached foundations as a separate part from the rest of foundation	at site		X	22-01-2021	there is no objection to cast this part separately, but with ensuring fixing steel connection properly between separated part.	-	..\..\RFI- from Contractor\khadija Bint Khwailed Basic Mixed School\RFI 001- khadija- done sent to taheer .jpg

(Table 46: RFI Tracking Log - RFIs from Contractor)

Annex -6-

Lab-Tests

6.1 Tracking Log

6.2 Excerpts of Sampling & Testing

Annex -6-

6.1 Tracking Log

6. Lab-Tests Results Tracking Log

Wahib Medanat Consultant Engineers

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

Statu s 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-Dananir	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	Excavated Material	1	1/2/2021		1/4/2021	pass	2020-RM-002056	No	International center	

		RSS	Excavated Material		checked to determine the classification of the soil in accordance to the related specifications in the contract.	Excavated Material	1	5/1/2021	450 m ³	9/1/2021	Fail	976/24/28/220 (530105)	Removed from Site	RSS	
		RSS	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	1/19/2021	Fail	1874/24/28/220 (530105)	Removed from Site	RSS	
2.3.2	Um Al-Dananir		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-Danair		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” Concrete Works” C. Cyclopean Concrete: Cyclopean concrete shall consist of concrete with	Blinding for Footings													
3.2.3						Reinforced for Footing													
						Coloumns Necks													
						Tie Beams													
						Grade Beams													
						Slab on Grade													
						Coloumns													
						Walls													
						Roof Slabs													

					compressive strength 200 kg/cm2 containing large embedded stones.										
3.5.1	Um Al-Dananir	RSS	Steel Reinforcement	107-108	1.25.2.1 Reinforcing: Deformed High Strength Steel 420 Mpa.	Φ10	3	7/1/2021	1.2	11/1/2021	Pass	(530103)220/28/24/159	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	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					
					Φ20	3	7/1/2021	20	11/1/2021	Pass					
					Φ25	6	7/1/2021	86	1/16/2021	Pass					

C. Masonary 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	<p>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></p>										
			Blockwork	122	<p>3.02: <i>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"</i></p>										

			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 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
			Terrazo Tiles	227	1.04: ANSI A118-10. 2099 – Load bearing, Bonded, Waterproof Membranes for Thin-set Ceramic Tile										

					<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>														
			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</p>														

					<p><i>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>															
			Porcelain Tiles	227	<p>1.04: <i>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</i></p>															

					<p>or Latex Portland Cement Mortar. Refer to Section 09300 - Page 227-References</p>													
			Cement Tiles	86	<p>1.02: ASTM C936 Specification for Solid Concrete Interlocking Paving Units.</p>													
			Interlock 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.</p>													

					Refer to Section 09300 - Page 227- References															
			Marble sills	227	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															
			Granite Sills	227	1.04: ANSI A118-10. 2099 – Load bearing, Bonded, Waterproof Membranes for Thin-set															

					<p><i>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</i></p>										
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E. Aluminum Sections

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
				130-132	<p>3. AWSD 1.2 – Aluminum K. Extruded shapes and tubes: (Aluminum) to ASTM B 221, 6061-T6, 6205-75</p>										

				130-132	3. AWS D 1.2 – Aluminum K. Extrude shapes and tubes: (Aluminum) to ASTM B 221, 6061-T6, 6205-76										
				130-133	3. AWS D 1.2 – Aluminum K. Extrude shapes and 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	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
				77	<p>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</p> <p>3.03 FIELD QUALITY CONTROL: b. Testing for compaction density ration under asphalt pavements and under concrete SOG.</p>										

H. Extruded Polystyrene

No.	Testing Lab	Description of Item	Description of	Estimated No. of	Test Date	Test Result	Testing Report No.	Notes
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	School Name			Specification Page No.	Specification Description & Summary	Works to be Tested	Tests to be Conducted	Sample Location	Represented Quantity		(Pass/Fail)		Corrective Action	Test Report Location	
				173-174	<p>1.04 SYSTEM DESCRIPTION Refer to 1.02 REFERENCES</p> <p>A. The insulation shall have a minimum K value of 0.027 W/mat 10oC to ASTM C518.</p> <p>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.</p> <p>C. The insulation shall be water proof and vapor proof</p> <p>. 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	Specification Page No.	Specification Description & Summary	Description of Works to be Tested	Estimated No. of Tests to be	Sample Location	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	Test Report Location	Notes
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							Conduct ed								
				255-266	1.03 REFERENCES 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 REFERENCES - Page 255-266										

2. Mechanical Materials

A. Seamless Black Steel 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

B. CPVC 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

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	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
C. Wires															
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. PVC Conduits															
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

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		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	1/18/2021	8000 m ³	21/01/2021	fail	(530105)220/28/24/2158	Removed from Site	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			Backfilling Material	36	<p>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.</p>										
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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	Sample Date	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	lab	Notes
3.2.1		International Center	Concrete Cubes	107/112-113	<p>SOURCE QUALITY CONTROL A. Submit 3 certified copies of mill test report of supplied concrete reinforcing, indicating physical and chemical analysis.</p>	Blinding for boundary and footings	3	1/16/2021		25/01/2021	pass	2021-RC-002668-7	No	International Center	

					QUALITY ASSURANCE <i>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"</i> C. Cyclopean Concrete: <i>Cyclopean concrete shall consist of concrete with compressive strength 200 kg/cm2 containing large embedded stones.</i>	Reinforced for Footing									
						Coloumns Necks									
						Tie Beams									
						Grade Beams									
						Slab on Grade									
						Coloumns									
						Walls									
						Roof Slabs									
					1.25.2.1 Reinforcing: <i>Deformed High Strength Steel 420 Mpa.</i>	Φ10	3	1/18/2021		28/01.2021	pass	(530105)220/28/24/2641	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	Φ12	3	1/18/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
						Φ14	3	1/18/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
						Φ16	3	1/18/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
						Φ18	3	1/18/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—
						Φ20	3	1/18/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—

					National Building Code.	Φ25	3	1/18/2021		28/01.2021	pass	(530105)220/28/24/2641	No	RSS	—	
			Steel Reinforcement	107-108		Φ10	3	1/16/2021		1/17/2021	pass	2020-OM-001468	No	International center	—	
							Φ12	3	1/16/2021		1/17/2021	pass	2020-OM-001468	No	International center	—
							Φ14	3	1/16/2021		1/17/2021	pass	2020-OM-001468	No	International center	—
							Φ16	3	1/16/2021		1/17/2021	pass	2020-OM-001468	No	International center	—
							Φ20	3	1/16/2021		1/17/2021	pass	2020-OM-001468	No	International center	—
							Φ25	3	1/16/2021		1/17/2021	pass	2020-OM-001468	No	International center	—

LAB-TEST RESULTS TRACKING LOG

Testing Results LOG Sheet

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

Wahib Medanat Consultant Engineers

Derar Sarairoh & 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 Tests	Date of Sample	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	laboratory	Notes
2.2.1	Khadija Bint Khuwailed	International geotech lab	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	1/3/2021	6000 m ³	3/1/2021	fail	2020-RM-002035	removed from site	International geotech lab	
	Khadija Bint Khuwailed	RSS	Excavated Material	70-73	The purpose of the testing is to check whether the excavated	excavated material	1	1/10/2021	6000 m ³	15/01/2021	pass	1529/24/28/220(530105)	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	Date of Sample	Represented Quantity	Test Date	Test Result (Pass/Fail)	Testing Report No.	Corrective Action	laboratory	Notes
					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.										
2.2.2	Khadija Bint Khuwailed		Backfilling Material	36	Backfilling Excavations <i>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</i>										

the crown of the pipe exceeds 0.5 meters.

3. Concrete Works

Item No.	School Name	Testing Lab	Description of Item	Specificati on Page No.	Specificatio n Description & Summary	Descriptio n of Works to be Tested	No. of Test s	Date of Sample	Represent ed Quantity	Test Date	Test Result (Pass/Fai l)	Testing Report No.	Correctiv e Action	laboratory	Notes
3.2.1	Khadija Bint Khuwailed	RSS			SOURCE QUALITY CONTROL A. Submit 3 certified copies of mill test report of supplied concrete reinforcing, indicating physical and chemical analysis.	Blinding for Footings	6	1/6/2021	160m ³	13/01/2021	pass	(530103)220/28/24/1500	No	RSS	
							6	1/6/2021	160m ³						
3.2.3	Khadija Bint Khuwailed	Internation al Center	Concrete Cubes	107/112-113	QUALITY ASSURANC E 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” C. Cyclopean Concrete: Cyclopean concrete shall	Reinforced for Footing	9	1/19/2021	290	26/01/2021	pass	2021-RC-002667-7	No	Internation al Center	
							9		290						

					consist of concrete with compressive strength 200 kg/cm2 containing large embedded stones.										
3.5.1	Khadija Bint Khuwailed	RSS	Steel Reinforcement	107-108	<p>1.25.2.1 Reinforcing: Deformed High Strength Steel 420 Mpa.</p> <p>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.</p>	Φ10	3	1/10/2021	2	16/01/2021	pass	(530103)220/28/24/1545	No	RSS	
						Φ12	3	1/10/2021	12	16/01/2021	pass	(530103)220/28/24/1545	No	RSS	
						Φ14	3	1/10/2021	14	16/01/2021	pass	(530103)220/28/24/1545	No	RSS	
						Φ16	3	1/10/2021	10	16/01/2021	pass	(530103)220/28/24/1545	No	RSS	
						Φ18	3	1/10/2021	11	16/01/2021	pass	(530103)220/28/24/1545	No	RSS	
						Φ20	3	1/10/2021	26	16/01/2021	pass	(530103)220/28/24/1545	No	RSS	
						Φ25	3	1/10/2021	50	16/01/2021	pass	(530103)220/28/24/1545	No	RSS	
						Φ18	3	1/25/2021		26/01/2021	pass	2021-RM-002146	No	International center	
3.5.1		International Center													

						Φ25	3	1/25/202 1		26/01/202 1	pass	2021-RM-002146	No	Internation al center			
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Annex -6-

6.2 Excerpts of Sampling & Testing

SKEP III Schools- Package 1- Number of Laboratory Tests - Status on 31.01.2021					
Tested Materials	Excavated Materials	Steel Reinforcement	Concrete Mixes	Water Stop	Vapor Retarder
School					
Um Al- Dananir Basic Mixed School	4	2	0	0	0
Khadija Bint Khwailed Basic Mixed School	2	2	2, (30 cubes, 50% tested)	0	0
Al Khansa'a Basic Mixed School	1	2	1, (6 cubes, 50% tested)	0	0
Total	7	6	3	0	0
Failed	5	0	0	0	0
Passed	2	6	3	0	0
% Failed	71%	0	0	0	0
% Passed	29%	100%	100%	0	0

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 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 3/2/2021								
Contractor: Derar Saraireh & 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		aapproved		
#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				

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				

Annex - 8 -

Non-Conformance Reports Tracking Log

8. Non-Conformance Reports Tracking Log

NON-CONFORMANCE REPORT TRACKING LOG (HSE)								
Schools for Knowledge Economy Project (SKEP III), Package 1								
Wahib Medanat Consultant Engineer								
Health, Safety & Environment								
Date:			Supervision Engineer:					
Project:			Contractor:					
Rep. no.:			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	-						
2	Al Khansa' Basic Mixed School	-						
3	Um Al Dananir Basic Mixed School	-						
4								

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 coping 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 under ground water tank	Not Mentioned	NO	NO	
5.1.4	3mm louver steel plate powder coated for under ground water tank	Not Mentioned	NO	NO	
5.1.5	Access panel for under ground 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	NO	NO	

		Marrazi tiles/ salah Shihadeh			
		Nabluse and Amad			
		Or equivalent			
9.2.1.2	Ceramic floors tiles	Seasons	YES	REV.01	Approved As Noted
		Marrazi tiles/ salah Shihadeh			
		Nabluse and Amad			
		Or equivalent			
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	YES	REV.01	Approved As Noted
		Marrazi tiles/ salah Shihadeh			
		Nabluse and Amad			
		Or equivalent			
9.2.2.2	Porcelain wall tiles	Seasons	YES	REV.01	Approved As Noted
		Marrazi tiles/ salah Shihadeh			
		Nabluse and Amad			
		Or equivalent			
9.2.3	Floor Coating (Polyster Polyurethane) for playground	Not Mentioned	NO	NO	
9.3.1	Emulsion paint	Jotun			
9.3.2	Internal vinyl silk emulsion paint	Dulux			
		National Paints			
		Sipes			
		Or equivalent	NO	NO	
9.3.3	Non toxic solvent free epoxy polysulfide paint	Not Mentioned	NO	NO	
9.4	Acoustical Suspended Ceilings	The Knauf Group			
		AMF- Ceilings Systems			
		Armstrong- Ceiling Systems	NO	NO	
		Or equivalent			
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	NO	NO	
		Sonia			
10.2	Rubber Floor Mat	Not Mentioned	NO	NO	
11- EQUIPMENT					

11.1	Playground Equipments	Not Mentioned	NO	NO	
11.2	Laboratory Furnishing	Maani	NO	NO	
		Protech			
11.2.14	Coat Hanger	Not Mentioned	NO	NO	

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)	- Schneider (Europe) - Legrand (Europe) - ABB (Europe) - Eaton (Europe) - GE (USA) - Hager (Europe)	No	-	-
16.2	Motor Control Centers (MCC)	- Schneider (Europe) - Legrand (Europe) - ABB (Europe) - Eaton (Europe) - GE (USA) - Hager (Europe)	No	-	-
16.3	Uninterruptible Power Supply (UPS)	- APC (Europe) - Eaton (Europe) - GE (USA) - Legrand (France) - G-Tec (Italy) - ABB (Europe)	No	-	-
16.4	Complete Earthing System	- Furse (UK) - Wallis (UK) -Kingsmill (UK)	YES	1	Approved as noted (Kingsmill)
16.5	Distribution Boards	- Schneider (Europe) - Legrand (Europe) - ABB (Europe) - Eaton (Europe) - GE (USA) - Hager (Europe)	No	-	-

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	<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)
16.8	Wiring Devices and Socket Outlets	<ul style="list-style-type: none"> - MK (Europe) - MEM (Europe) - Legrand (Europe) 	No	-	-
16.9	Disconnect Switch Isolator	<ul style="list-style-type: none"> - MK (Europe) - ABB (Europe) - Eaton (Europe) - Legrand (Europe) 	No	-	-
-	PVC Conduit	<ul style="list-style-type: none"> - Egatube (UK) - Decoduct (UAE) - Marshall Tufflex (UK) - Gulf Plastic (Jordan) 	YES	1	Approved (Gulf Plastic)
16.12	Lighting Fixtures	<ul style="list-style-type: none"> - Thorn (UK) - Luce (Italy) - Philips - RZB (Germany) - Performance (Germany) 	No	-	-
16.13	Lightin Presence I.R Sensor (PIR)	<ul style="list-style-type: none"> - MK (Europe) - MEM (Europe) - Legrand (Europe) 	No	-	-
16.14	Wall Fans	- Matthews (USA) or Approved equal	No	-	-
16.15	External Lightning Distribution Boards	<ul style="list-style-type: none"> - Schneider (Europe) - Legrand (Europe) - ABB (Europe) - Eaton (Europe) - GE (USA) - Hager (Europe) 	No	-	-

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)	No	-	-
16.18	Fire Detection System	- Simplex (USA/Canda) - Notifier (USA) - EDWARD (UK) - Secutron (Canada) - Gent (UK)	YES	REV.01	Revise and Re-Submit
16.19	Structure Cabling System	- Leviton (USA) - AT&T (USA) - Legrand (France) - Digitus (Germany) - R&M (USA)	No	-	-
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	Under Review
	Projector	- Sony - Sanyo - Hitachi	No	-	-
16.23	IP Based CCTV System	- Bosch (Germany) - Pelco (USA) - Axis (Denmark) - Samsung (Korea) - GE (USA)	YES	1	Not Approved
16.24	Intrusion System	- Optima - Bosch - Honeywell - Guardall	No	-	-

16.25	Cable Tray	- Davis (UK) - Swifts (UK) - OBO Bettermann (Germany) - Cablofil (France)	No	-	-
Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
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	-	-

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			
15.31 & 15.54	Seamless steel pipes	NIPPON	YES	REV.02	REVISE & RE-SUBMIT
		TUBAS			
		DELAMINI			
		PIETRA			
		HEBEI			
		INTERPIPE			
		BRISTOL			
		SILKTUBE			
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.01	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	Under Review
15.31 & 15.54	Faucets & Mixer	GROHE HANSGROHE HANSA IDEAL STANDARD DELABIE ROCA THG	YES	Rev.01	Under Review

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	Under Review
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.01	Under Review
15.31 & 15.54	Kitchen Sinks	ELKAY BLANCO SCHOCK	YES	REV.01	Under Review
15.31 & 15.54	Damper / Duct Accessories	KBE GREENHECK RUSKIN TROX BSB MAT METROPOL AIR TECK AIR MASTER BSP SAFID ATAI	YES	REV.01	Under Review
Item No.	Description	Vendor List	Submitted Material	No. of Rev	Engineer Response
	Air Outlet / Louver	KBE	YES	REV.01	Under Review

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

		TRANE YORK MCQUAY 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.0.1	Under Review
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	Under Review
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	Yes	REV.02	Under Review

		CLEARVER BROOKS			
		WELLMAN ROBEY			
		BURNHAM			
		DE-DIETRICH			
		CHAPEE			
		SAINT ROCH			
		BIASI			
		IVAR			
		BUDARAES			
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.01	Under Review
15.31 & 15.54	LPG Valves	CRANE GIACOMINI COMAP TECOFI	YES	REV.01	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	YES	REV.02	REVISE & RE-SUBMIT

		OVENTROP FORNARA APE			
15.31 & 15.54	Toilet Flushing System	GROHE GEBERIT ALCAPLAST	Yes	Rev.01	Under Review
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.02	Under Review
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	Under Review
15.33 & 15.34	Poly Proplene pipes	ADASANI	Yes	REV.02	REVISE & RE-SUBMIT
15.25	CPVC Pipes	ADASANI	Yes	REV.02	REVISE & RE-SUBMIT
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	Under Review
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	

Annex – 9 –

Materials Submittals

- Summary of Submitted Materials

9. Materials Submittals

Summary of Submitted Materials

SUMMARY OF SUBMITTED MATERIAL	
ELECTRICAL SUBMITTALS	
Total No. of Materials to be Submitted =	27
Total No. of Submitted Material =	5
Percentage of Approved Submitted Material =	100.0%
Percentage of Rejected Submitted Material =	0.00%
Percentage of (Revise & Re-Submit) Material =	0.00%
MECHANICAL SUBMITTALS	
Total No. of Materials to be Submitted =	45
Total No. of Submitted Material =	13
Percentage of Approved Submitted Material =	7.7%
Percentage of Rejected Submitted Material =	0.00%
Percentage of (Revise & Re-Submit) Material =	92.3%
ARCHITECTURAL SUBMITTALS	
Total No. of Materials to be Submitted =	41
Total No. of Submitted Material =	6
Percentage of Approved Submitted Material =	100.0%
Percentage of Rejected Submitted Material =	0.00%
Percentage of (Revise & Re-Submit) Material =	0.00%

Annex -10-

Obstacles log

(Site Obstacles)

10. Obstacles Log (Site Obstacles)

Wahib Medanat Consultant Engineers

SKEP III - Site Obstacles PK (1)														
Derar Saraireh & 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	100%		Done	No	-	-	-	-	-	-	-	The contradiction for plot limits is now solved and there is no obstacles
2	Al Khansa'a Basic Mixed School	Al Balqa	100%		In Process	Result in Proc	-	-	-	-	-	-	-	The plot limit references is now solved, also there is another six boreholes need to be taken from the site after completion excavation A letter sent to the designer to complete the soil investigation at site.
3	Um Al Dananir Basic Mixed School	Al Balqa	100%		Done	No	-	Done	-	-	Not yet	-	-	The street is intruding into the plot limit and a letter to MPWH has been sent to solve the issue, also the water pipe going through the plot is not removed yet. A letter sent to MPWH and E-mail to the designer on this issue.

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