

**Construction Management of the Jordan School Expansion Project (JSEP)  
and the Schools for a Knowledge Economy Project (SKEP)**

**Site Visit Report Form**

**FTR # QR237**

**A. BASIC DATA**

*(Trigon staff shall complete this field trip report within 48 hours after returning from the field and ensure that it is sent properly distributed within 72 hours after leaving the construction site)*

**Program (JSEP or SKEP):** SKEP      **PHASE :** III      **PACKAGE:** 2  
**School Name:** Thahr Al Sarow Basic School for Boys  
**Supervisory Engineer (SE) Name:** Wahib Medanat Consultant Engineers  
**Construction Contractor (CC) Name:** Dijlah Establishment Contracting Co.  
**Date and Time of Field Trip:** December 08, 2020  
**Date of Report:** December 11, 2020  
**Weather During Visit** Sunny  
**Report Submitted By:** Osama Obeid

**PURPOSE OF VISIT**

<b>General Site Inspection (Quality)</b>	Handover (First Inspection)
Corrective Action (CA) Review Report	Second Final Inspection
Health & Safety (H&S)	OTHER (list below)
Site Meeting	
Substantial Completion Inspection	

**PERSONNEL ON TRIP**

No.	Name	Title	Agency
1	Mike McGovern	COP	Trigon (CMTO)
2	Osama Obeid	Sr. Const. Manager	Trigon (CMTO)

**PERSONNEL AT SITE** *(if a site meeting or a final inspection, use attachment to list other participants)*

No.	Name	Title	Agency
1	Tarek Rashdan	Engineer	USAID
2	Suhair Amareen	Project Director	Wahib Medanat
3	Natheer Amareen	PM	Wahib Medanat
4	Sawsan Al Yousef	RE	Wahib Medanat
5	Islam Ebaidat	SE	Wahib Medanat
6	Mohammed Mbaydeen	Safety Engineer	Wahib Medanat
7	Mohanad Abu Irshaid	Deputy GM	Dijlah Est. Co
8	Amer Abd AlGhani	PM	Dijlah Est. Co

**Construction Management of the Jordan School Expansion Project (JSEP)  
and the Schools for a Knowledge Economy Project (SKEP)**

9	Moheeb AL Whaidy	Safety Manager	Dijlah Est. Co
10	Ahmad Abdalhadi	Safety Officer	Dijlah Est. Co
11	Mahmoud Smadi	SE	Dijlah Est. Co

**B. QUALITY, SCHEDULE AND H&S FINDINGS CHECKLIST**

(For any “No” answer in this section, the Observer shall provide a narrative explanation in Section C. of this Report including corrective action requested) **NA-Not Applicable, DC-Didn’t Check**

	<u>Construction Contractor</u>	<u>Supervisory Engineer</u>
<b>A. <u>SITE DOCUMENTATION</u></b>		
1. Drawings and Specifications on site? (Y/N)	Y	Y
2. CC Safety Plan on site? (Y/N)	Y	Y
3. CC QC Plan on site? (Y/N) (under review)	Y	Y
4. Shop Drawings up to date? (Y/N)	Y	Y
5. Request for Information/Inspection up to date? (Y/N)	Y	Y
6. Sampling and Testing Tracking Log? (Y/N)	Y	Y
7. Hard copy files neat and up to date? (Y/N)	Y	Y
8. Inspector’s Daily Journal up to date? (Y/N)	Y	Y
9. Non-Conformance Report up to date? (Y/N)	Y	Y
<b>B. <u>SCHEDULE</u></b>		
10. SE has up to date CC Schedule on site? (Y/N)	N	
11. CC has up to date CC Schedule on site? (Y/N)		N
<b>C. <u>EXIT OBSERVATIONS</u></b>		
12. What time does CC start work each morning on average?		7 ½ AM
13. What time does CC stop work each day on average?		4 ½ PM
14. What is the average # of hours worked each day?		8 hours

**C. DESCRIPTION OF FINDINGS**

(State if fact or opinion. Use attachments, maps, sketches if necessary)

**A. SITE DOCUMENTATION**

**B. HEALTH & SAFETY**

- High unsafe vertical excavated slope
- Site office must be protected and supported properly from soil sliding

## Construction Management of the Jordan School Expansion Project (JSEP) and the Schools for a Knowledge Economy Project (SKEP)

### C. GENERAL QUALITY OBSERVATIONS

- The excavation is completed as per site team's confirmation.

### D. SCHEDULE

- There is delays in work progress

### E. STATUS OF UTILITY CONNECTIONS / OTHER OUTSTANDING ISSUE

1. Water Supply: Not connected
2. Wastewater: Not connected
3. Electricity: Not connected
4. Other Issue

CMTO visited Hai Al Iskan School and Thahr Al Sarow School on November 18, 2020 to observe the work progress, H&S and obstacles in both schools and then provide recommendations to solve these problems

On December 8, 2020 CMTO team visited the site and unfortunately, it was noticed there was no work progress since the last visit CMTO had on November 18, 2020. We expected at least the Plain Concrete under foundation is casted and the preparation for casting the foundations is ongoing. It seems the vertical excavated slope is unsafe and the excavated areas in both sites are in need for further investigations by the Geotech lab..

Based on findings, a meeting was held to discuss the situation for the unsafe high vertical excavated slope with Mednanthe SE of SKEPIII and the Dijlah the Construction Contractor (CC) in the presence of USAID.

Eng. Mike the COP suggested the followings to mitigate the unsafe situation :

- To contact immediately the Geotech engineer to assess and check the current vertical excavated slope.
- The Geotech engineer needs to inform the Contractor and Supervisory if there is any danger to the residential homes and their occupants upslope from the site. If yes, we need a plan on how to address this. This could be serious and may need to be

## **Construction Management of the Jordan School Expansion Project (JSEP) and the Schools for a Knowledge Economy Project (SKEP)**

addressed. The construction site is surrounded by three streets in three sides and the Antiquities Department is on the fourth side

- The Geotech Engineer must provide technical report with clear recommendations.
- The Supervisor Engineer will instruct the Contractor to take prompt actions based on the Geotech recommendations in coordination with the MPWH and the SE shall inform USAID and CMTO on the planned steps to be implemented.
- The Contractor must be ready for any action is requested by the SE to protect the excavate area from soil sliding
- To expediate the construction of retaining walls based on the Geotech report

### Conclusion :

- Dijlah committed to expediate the construction works. Dijlah will contact the Geotech Engineer to assess the situation at sites and provide recommendations
- Medanat shall instruct Dijlah to proceed on the construction works based on Geotech Engineer's recommendations and after the approval of Medanat's Structural Engineer
- Medanat will report and keep all concerned parties informed.

### Recommendations:

- The Contractor must submit Recovery Plan
- The Contractor must increase the manpower and resources
- The weather is unstable and may rain any time. This will effect on the construction of foundations

## **ATTACHMENTS – as marked below**

1. **QUALITY CHECKLIST**
2. **MEETINGS / INSPECTION MINUTES**
3. **HEALTH & SAFETY ATTACHMENT**



### Construction Management of the Jordan School Expansion Project (JSEP) and the Schools for a Knowledge Economy Project (SKEP)

## E. PHOTOS



*FIGURE #01:  
Project ID Sign on site.*

*Photo credit: Osama  
Obeid  
December 8, 2020*

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*FIGURE #02 & 03:  
During the site tour carried  
out by USAID, CMTO, SE  
and the Contractor to  
inspect the excavation  
works*

*Photo credit: Osama Obeid  
December 8, 2020*

## Construction Management of the Jordan School Expansion Project (JSEP) and the Schools for a Knowledge Economy Project (SKEP)



*FIGURE #04 & 05:  
The excavation works is  
completed.  
The total surface area of  
proposed new building is  
4615 sq.m and 2827 sq.m  
for the external works*

*Photo credit: Osama Obeid  
December 8, 2020*

## Construction Management of the Jordan School Expansion Project (JSEP) and the Schools for a Knowledge Economy Project (SKEP)



*FIGURE # 06 & 07:  
Site offices must be  
Protected and supported  
properly from soil sliding*

*Photo credit: Osama Obeid  
December 08, 2020*

