LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

DR. Hekmat Sabbagh Secondary Public School

(School CERD 980)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

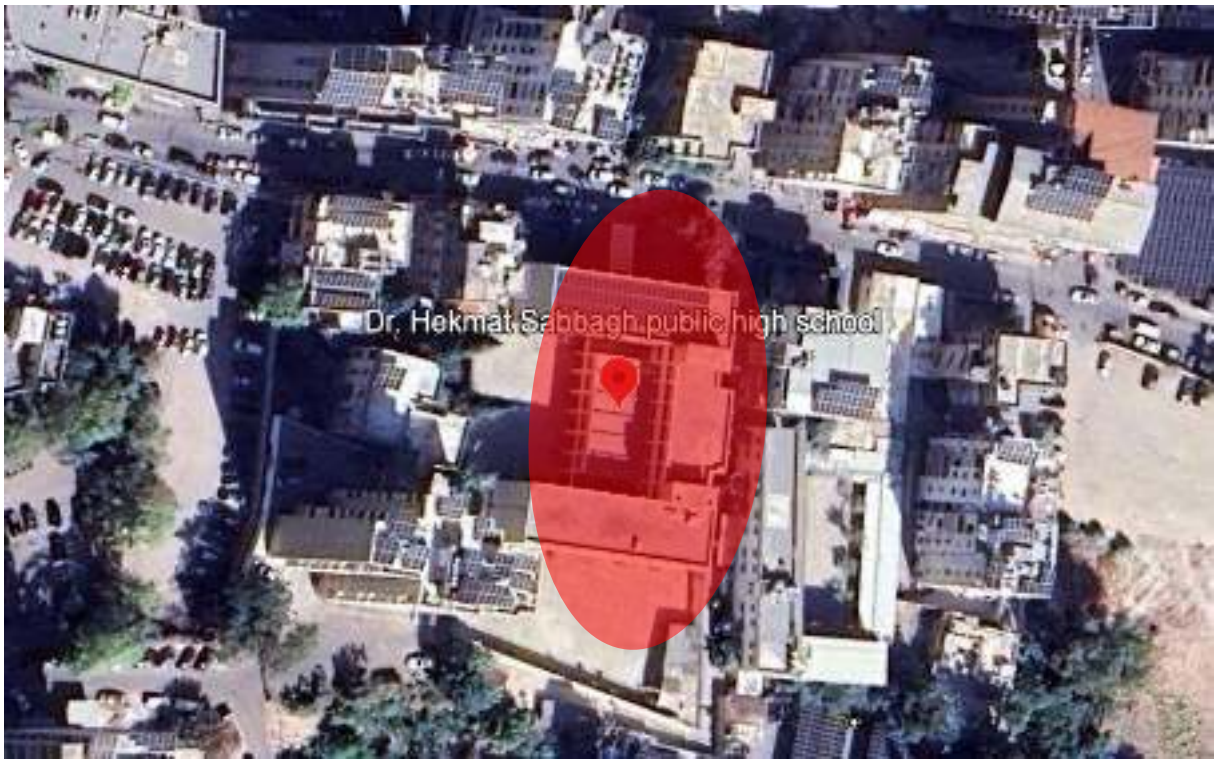
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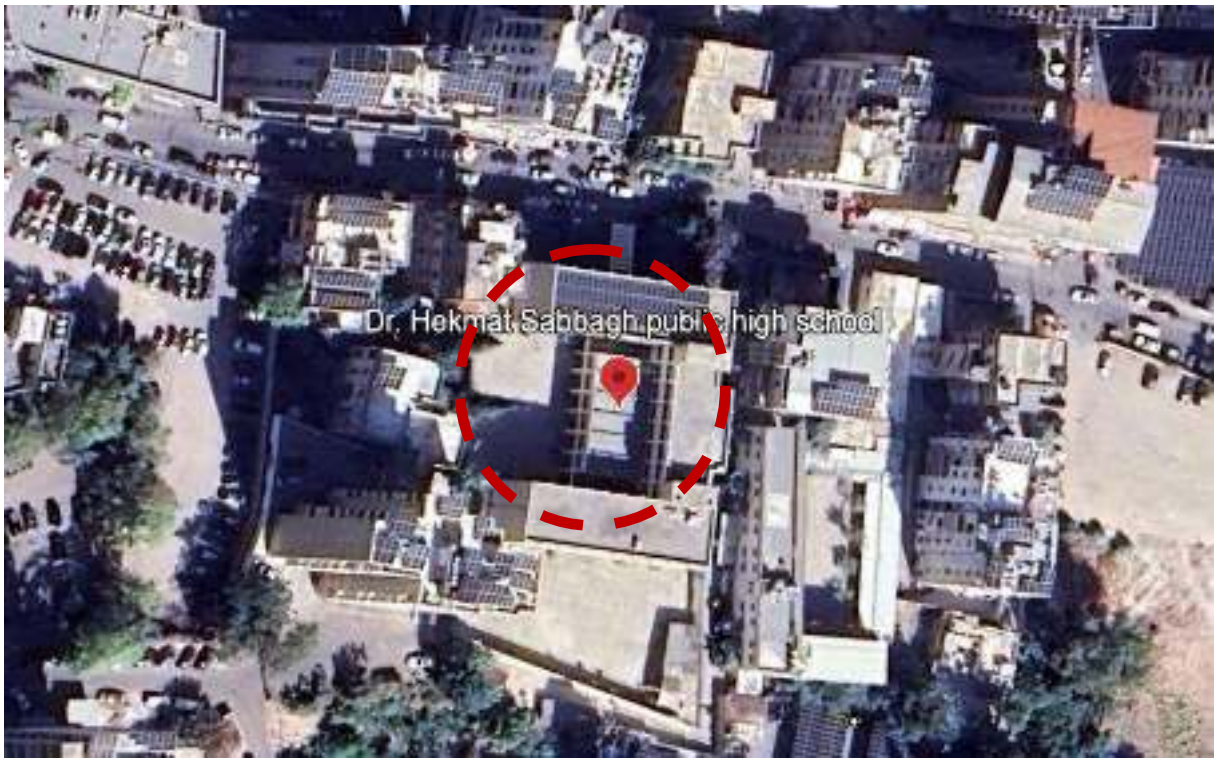
BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 18

BRIEF DESCRIPTION:

- Site Coordinates: 33°33'43.28"N 35°22'30.67"E
- The building is rented from Dar Al-Fatwa.
- The building is not common with any other school.
- The school has a total number of students:
  - For AM Shift: 300 Students (all Girls)
- The school is of approximately 4300 m2 built up area.
- The school consists of 1 Block.
- Dr. Hekmat Sabbagh Public High School consists of:
  - Basement1: Theater, haul, gym toilets (5 cubicles).
  - Ground Floor: IT, Library, Administration, Playgrounds, computer lab, playgrounds.
  - First Floor: 10 Classrooms, Supervisor Room, haul, physics labs.
  - Second Floor :10 classrooms, Supervisor room, biology lab.
  - Third Floor:10 classrooms, supervisor room, chemistry lab.

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require a makeover.
2. Rehabilitation of wooden doors.
3. Rehabilitation of aluminum doors.
4. Tile Rubbing where needed.
5. Minor electrical work and Mechanical Work are required.

Notes:

- Lift is not available in the school
- The ground floor is not accessible via an existing ramp, and no classrooms or toilet facilities are accessible to persons with disabilities.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Rehabilitation of Wooden Door - Toilet



Rehabilitation of Wooden Door - Toilet



Rehabilitation of Wooden Door - Toilet



New Mirror - Toilets



New Mirror - Toilets



FIRST FLOOR

Rehabilitation of Aluminum Doors: Handle- Toilet



SECOND FLOOR

Rehabilitation of Wooden Doors: Handle- Room nb 15



New Mirror - Toilets



ROOF FLOOR

Tile Rubbing- South Stair



Tile Rubbing- South Stair



II. MECHANICAL WORKS

GROUND FLOOR

Rehabilitation of Drinking Basin: Taps - Playground



Rehabilitation of Toilets: Seat Cover



Rehabilitation of Toilets: Seat Cover



SECOND FLOOR

Rehabilitation of Toilets: Faucet



Rehabilitation of Toilets: Faucet



III. ELECTRICAL WORK

Electrical Socket – Room nb 23



RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	Many cracks appear in concrete columns and ceilings, steel is exposed, rusted and inflated in one column.	Curing for rusted steel and repair cracks.
2	---	---
3	---	---
4	---	---

Concrete deterioration in the column



Cracks to be repaired



Concrete deterioration in the column



Concrete deterioration in the column



Concrete deterioration in the slab



Concrete deterioration in the slab



LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Angelique Saliba Mixed Public School

(School CERD 1044)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

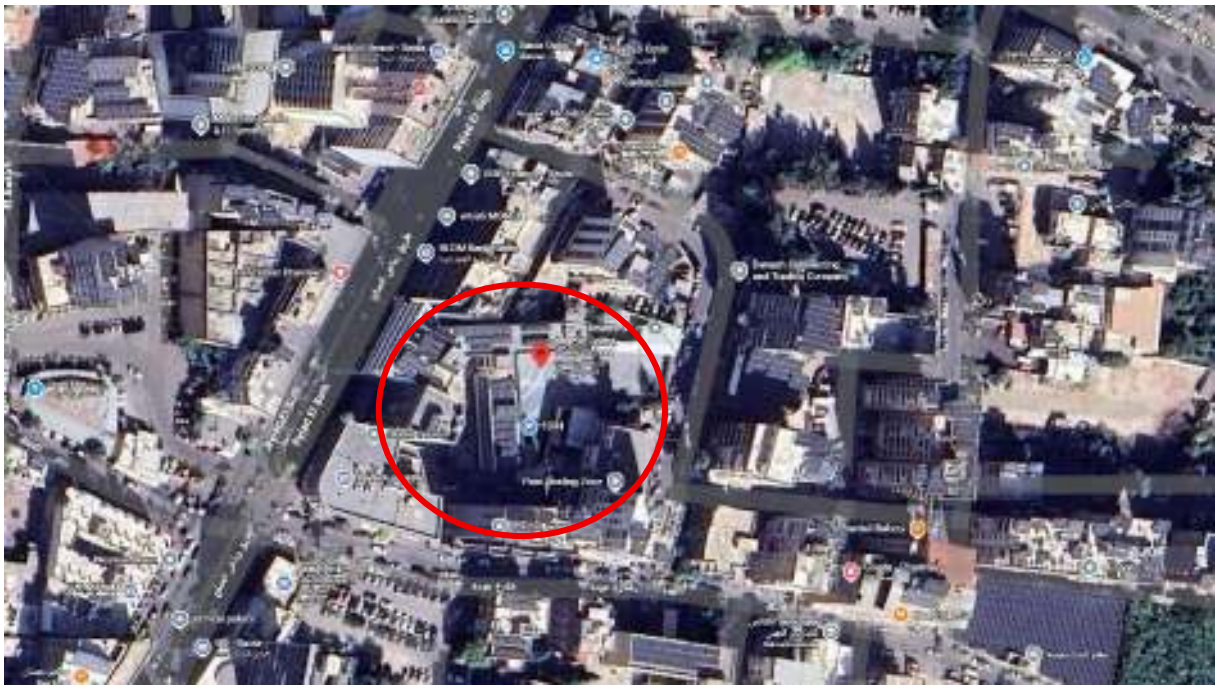
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BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 21

BRIEF DESCRIPTION:

- Site Coordinates: 33.56309750934767, 35.37474508559778
- The building is rented by Ministry of Education and Higher Education.
- The school has a total number of students:
  - For AM Shift: 576 Students
- The school consists of 1 Block.
- Angelique Saliba Official Mixed School consists of:
  - Basement Floor: Stage, Laboratory, Gym, Toilets
  - Ground Floor: Playground, Store, Special Needs Classroom, Shop, 4Toilets (2 cubical for boys and 2 cubical for girls)
  - First Floor: 5 KG's classroom, Administration Department; Kitchen; 2Toilets (1 cubical for boys and 1 cubical for girls)
  - Second Floor: Elementary Classrooms, Toilets Supervisor Room
  - Third Floor:5 Classroom; Laboratory; Library; 2Toilets (1 cubical for boys and 1 cubical for girls)

SITE LOCATION:



REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require rehabilitation
2. Repair of existing aluminum windows where needed.
3. Painting works.
4. Repair of existing wooden doors where needed.
5. Dismantling of wooden partition.
6. Electrical and Mechanical works are required

Notes:

- No Lift is available in the school.
- The school is not accessible for disable.
- Two prefabricated Toilets units are installed in the schools since 2024, and located at ground floor playground, and the administration requested that they be retained
- Three prefabricated shower units are installed in the schools, and located at ground floor playground, and the administration requested that they be retained
- Prefabricated Rooms were previously provided to the school and the administration requested that they be retained
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Internal Paint: Walls - Playground



Rehabilitation of wooden doors: Handle
Toilets



Rehabilitation of wooden doors: Leaf
Toilets



Dismantling of Partition - Playground



FIRST FLOOR

Internal Paint: Walls – KG's room 5



Rehabilitation of aluminum windows: Glass – KG's room 5



Rehabilitation of wooden doors – KG's toilet



SECOND FLOOR

Rehabilitation of wooden doors: Handle – Grade 3



Rehabilitation of wooden doors: Leaf – Grade 9



Rehabilitation of wooden doors: Leaf – Grade 3



Rehabilitation of aluminum windows: Glass – Room 3



THIRD FLOOR

Rehabilitation of wooden doors: Leaf – Grade 1



Internal paint: Walls – Grade 1



Rehabilitation of wooden doors: Leaf – Grade 3B



Rehabilitation of wooden doors: Handle – Grade 1



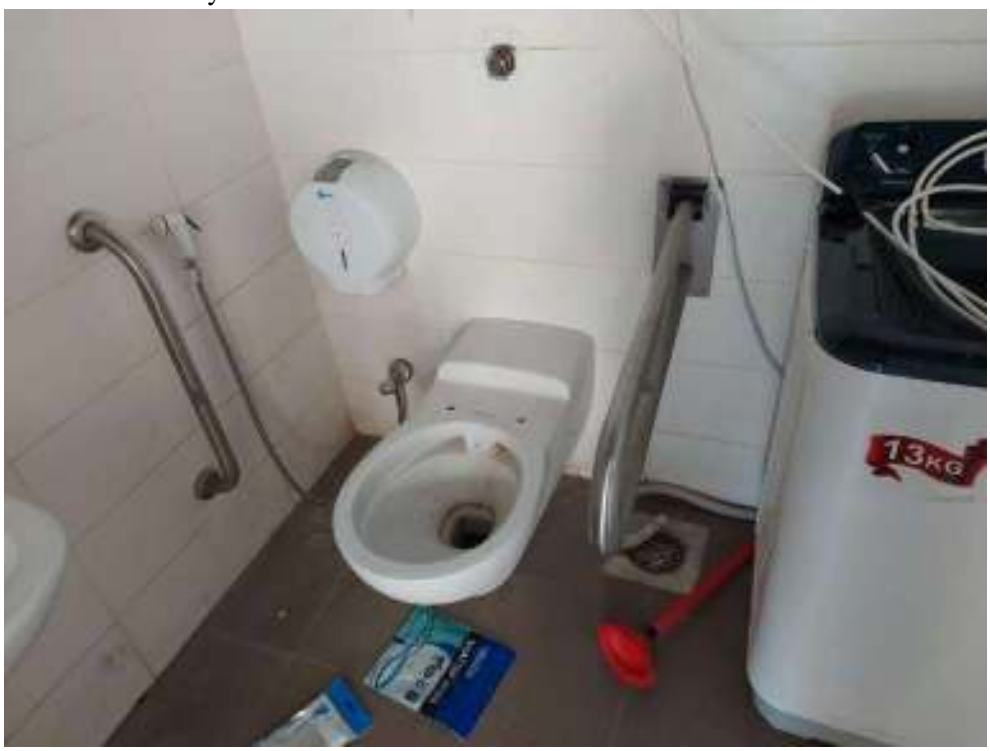
II. MECHANICAL WORKS

GROUND FLOOR

Rehabilitation of toilets: Water drainage Treatment – Handicap toilet



Rehabilitation of toilets: Seat cover – Handicap toilets
Remove Laundary



THIRD FLOOR

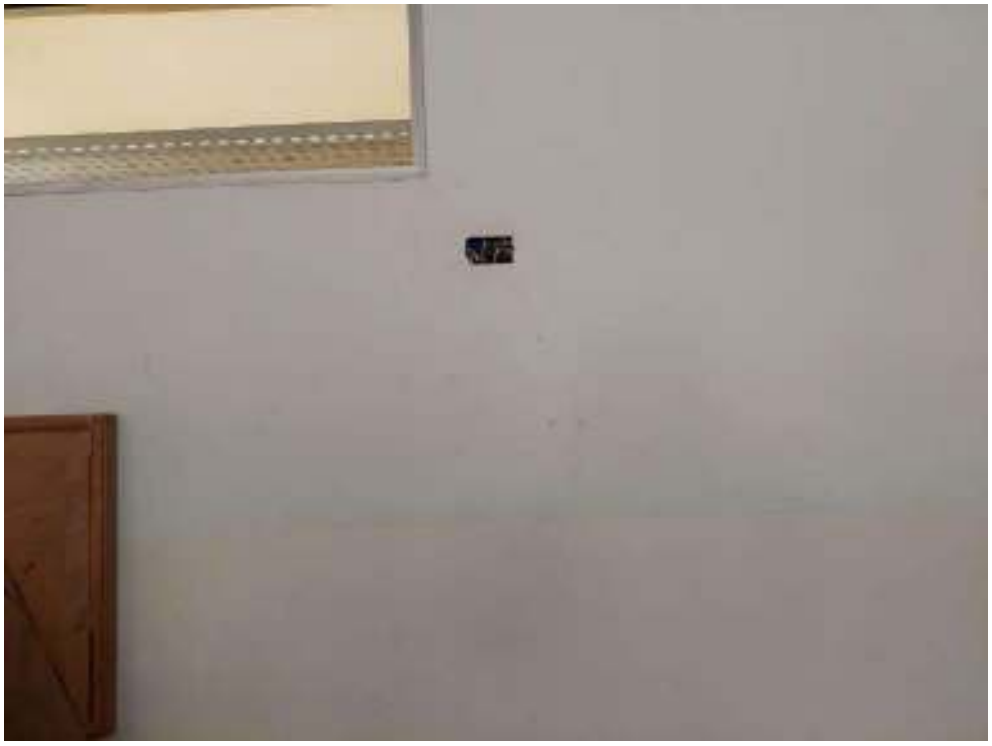
Rehabilitation of toilets: Seat cover and flash bottom – Toilets



III. ELECTRICAL WORKS

FIRST FLOOR

Installation of suitable wiring device or cover the junction box– Classroom



Lighting Fixture– Classroom



Lighting Fixture– Classroom



Fixing well the junction box– Classroom



Lighting Fixture– Classroom



Lighting Fixture– Classroom



RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	---	---
2	---	---
3	---	---
4	---	---

LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Eslah Second Mixed Public School

(School CERD 1046)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

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BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 17

BRIEF DESCRIPTION:

- Site Coordinates: 33.56136951509747 ,35.38171002596273
- The building is owned by Ministry of Education and Higher Education.
- The school has a total number of students:
  - For AM Shift: 325 Students
- The school is of approximately 1981m2 built up area.
- The school consists of 1 Block.
- Eslah Second Mixed Public School consists of:
  - Ground Floor: 3 KG's classroom, 2 KG's Toilet; teachers Toilet; Computer room; IT room; Administration Department, Administration Toilet; Covered Playground; Outdoor playground.
  - First Floor: 5 Classrooms and 1 supervisor's room. Guidance Room, 1 Teachers Toilet
  - Second Floor: 4 Classrooms and 1 supervisor's room; Laboratory; Library, Indoor playground, 1 Teachers Toilets
  - Roof Floor

SITE LOCATION:



REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require maintenance.
2. Rehabilitation of wooden doors.
3. Dismantling of wooden partition.
4. Minor Electrical works are required.
5. Painting works.

Notes:

- Lift is not available in the school.
- The ground floor is not accessible and no accessible classroom and toilet for people with disabilities.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Rehabilitation of Wooden Door: Lock
Classroom



Rehabilitation of Wooden Door: Handle and Lock
KG 1



Dismantling of wooden partition
KG 1 Classroom



Dismantling of wooden partition
KG 1



Dismantling of wooden partition - Corridor



Rehabilitation of grass - playground



FIRST FLOOR

Dismantling of wooden partition - Classroom



Internal paint: Walls – Grade 2



Internal paint: Walls – Grade 2



Internal paint: Walls – Grade 2



SECOND FLOOR

Dismantling of wooden partition – Grade 2



Rehabilitation of wooden doors
Grade 6



Rehabilitation of wooden doors
Grade 9



Internal paint: Walls
Grade 8



Internal paint: Walls
Grade 7



Dismantling of wooden partition – All Classrooms



II. ELECTRICAL WORKS

GROUND FLOOR

Rewire cables inside suitable conduit - Classroom



FIRST FLOOR

Rehabilitation of Cash Cable – Grade 2



Lighting Fixture – Grade 5



SECOND FLOOR

Sockets Cover – Grade 4



RISKS AND RECOMMENDATIONS

During our site visit, no risks are encountered

No.	Risk	Recommendation
1	---	---
2	---	---
3	---	---
4	---	---

LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Al Eslah Intermediate Public School

(School CERD 1047)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

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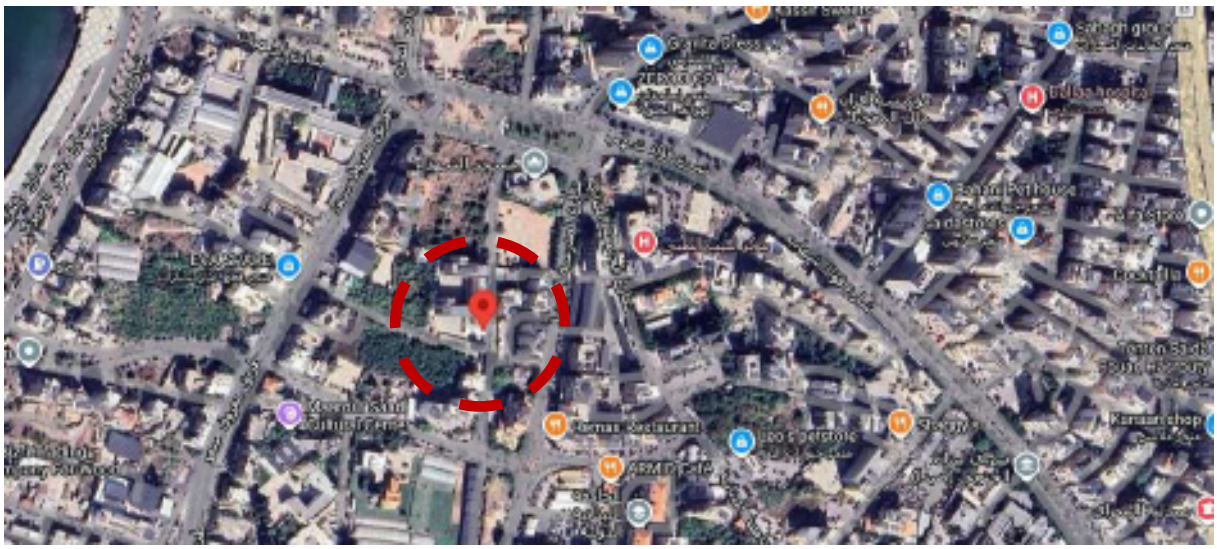
BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 38

BRIEF DESCRIPTION:

- Site Coordinates: 33.555772, 35.372104
- The building is owned by Ministry of Education and Higher Education.
- The school has a total number of students:
  - For AM Shift: 432 Students (176 Girls & 256 Boys)
  - For PM Shift: 375 Students (204 Girls & 171 Boys)
- The school is of approximately 4000m2 built up area.
- The school consists of 2 Blocks.
- Eslah Intermediate Public School consists of:
  - Block A:
    - Basement floor: Depot.
    - Ground Floor: 2 teachers' room, 2 supervisor's room, IT room, Principal's room, 1 Toilets unit for girls and 1 Toilets unit for boys and 1 Teachers toilets, Indoor playground, Outdoor playground.
    - First Floor: 5 Classrooms and 1 supervisor's room.
    - Second Floor: 5 Classrooms and 1 supervisor's room.
    - Third Floor: 5 Classrooms and 1 supervisor's room.
    - Roof Floor
  - Block B:
    - Basement floor: Theatre and 4 toilets.
    - Ground Floor: Library, Guard's room, 2 Toilet units (1 Unit for Boys and 1 unit for Girls), 1 Teachers toilet, Indoor playground, Outdoor playground.
    - First Floor: 3 Classrooms, 2 IT rooms, 2 depots, Health room, Laboratory, and 1Teachers toilet.
    - Second Floor: 4 Classrooms and 1 Teachers' toilet
    - Third Floor: 4 Classrooms and 1 Teachers toilet
    - Roof Floor

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require maintenance.
2. Repair of existing steel and wooden doors where needed.
3. Concrete repair where needed.
4. Painting works.
5. Rehabilitation of Aluminum windows
6. Rehabilitation of Waterproofing.
7. Supply of New Institutional Furniture
8. Electrical and Mechanical works are required.

Notes:

- Not Lift in the school.
- The ground floor is accessible; however, no ramp, classrooms and toilets are accessible.
- A problem with the sewage system was identified; however, repair works are currently underway to address the issue.

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

BLOCK A:

GROUND FLOOR

Crack Repair– Teachers' room



External Paint – Teachers' room



SECOND FLOOR

Rehabilitation of wooden door: Leaf, handles and painting – Supervisor's room



Rehabilitation of aluminum window: Glass – Room 2



Internal Painting – Room 2



New White Teaching Board – Room 3



THIRD FLOOR

Internal Painting – Corridor



Internal Painting – Corridor



Concrete repair and paint – Rooms 1 and 2



Rehabilitation of wooden door: Leaf, handles and painting – Rooms 1 and 2



New Educational Panels – Room 4



BLOCK B:

GROUND FLOOR

Internal painting: Wall – Indoor playground



Internal painting: Ceiling – Indoor playground



Concrete repair – Library



New Precast concrete bench – Indoor playground



Rehabilitation of steel gate – Indoor playground



New Precast concrete benches – Outdoor playground



New Precast concrete benches – Outdoor playground



Rehabilitation of steel door: Locks – Boys toilets



Rehabilitation of steel door: Locks – Boys toilets



Rehabilitation of steel door: Locks –Girls' toilets



Rehabilitation of steel door: Locks –Girls' toilets



Outdoor Curtain – Outdoor playground



Plaster repair and Painting of columns – Outdoor playground



Plaster repair and Painting of columns – Outdoor playground



SECOND FLOOR

Internal Paint: Walls – Corridor



Internal Paint: Walls – Corridor



Concrete repair and painting – Room 1 and Laboratory



THIRD FLOOR

Rehabilitation of waterproofing – Laboratories and Guard's roof



Rehabilitation of waterproofing – Laboratories and Guard's roof



Steel handrail maintenance – Near the roof



New mosaic Tile for steps – Passage between blocks



New mosaic Tile for steps – Passage between blocks



Rehabilitation of wooden door – Rooms 2 & 3



Rehabilitation of wooden door – Rooms 2 & 3



Rehabilitation of steel windows: Glass – Room 2



Internal Painting: Walls and ceiling – Corridor and Room 2



Supply of New Institutional Furniture





II. MECHANICAL WORKS

BLOCK B:

GROUND FLOOR

Rehabilitation of toilets: Seat cover and Hose Bib – Boys' toilets



Rehabilitation of toilets: Flash water tank– Boys' toilets



Rehabilitation of the water counter's drain – Outdoor playground



Rehabilitation of Drinking Basin: Taps – Outdoor playground



SECOND FLOOR

New lavatory with all accessories – Toilet



New Floor drain covers – where needed



III. ELECTRICAL WORKS

BLOCK A

FIRST FLOOR

Lighting Fixtures – Rooms 2 & 4



New switch and cover for the fan – Room 3



SECOND FLOOR

Lighting Fixtures – Corridor



New Electrical Switch – Corridor



Lighting Fixtures – Rooms 3



Lighting Fixtures – Rooms 4



THIRD FLOOR

Lighting Fixtures – Rooms 1, 2 & 3



BLOCK B

SECOND FLOOR

Lighting Fixtures – Rooms 1 & 4



Lighting Fixtures – Passage between blocks



RISKS AND RECOMMENDATIONS

During our site visit, no risks were encountered.

No.	Risk	Recommendation
1	---	---
2	---	---
3	---	---
4	---	---

LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Saida Mixed Intermediate Public School

(School CERD 1048)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

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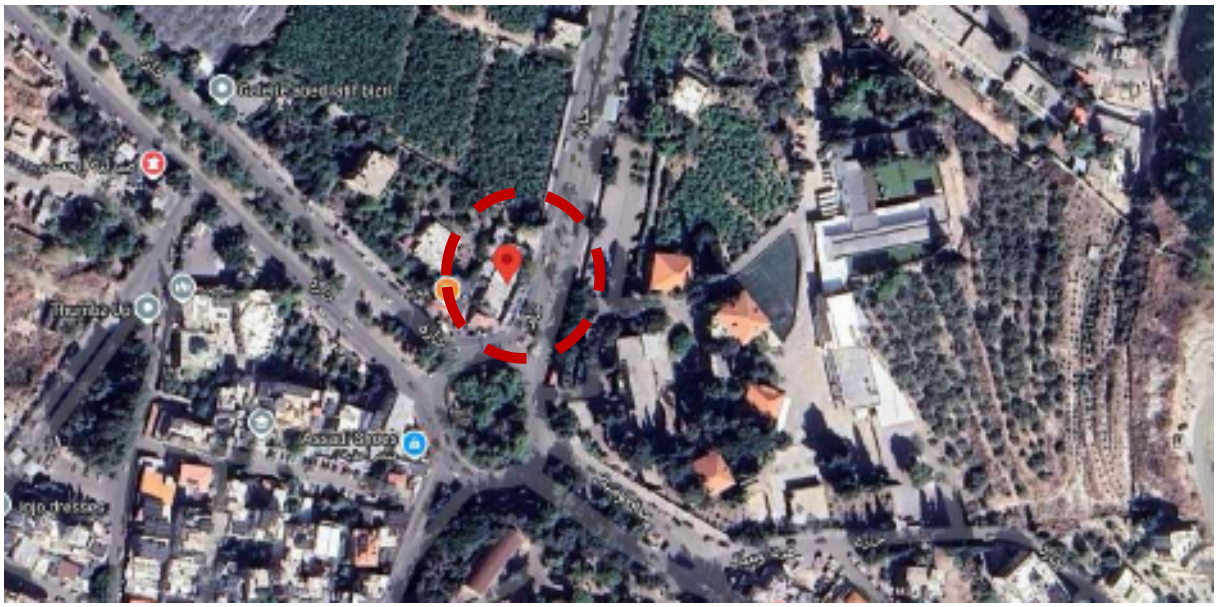
BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 19

BRIEF DESCRIPTION:

- Site Coordinates: 33.5505905, 35.3825657
- The building is owned by Ministry of Education and Higher Education.
- The school has a total number of students:
  - For AM Shift: 650 Students (332 Girls & 318 Boys)
  - For PM Shift: 400 Students (205 Girls & 195 Boys)
- The school is of approximately 2850 m2 built up area.
- The school consists of 1 Block.
- Saida Intermediate Public School consists of:
  - Basement Floor: Indoor Playground, Outdoor Playground, 2 Toilet Units (1 Unit for boys and 1 unit for girls), Kitchen, Library, Sports Room.
  - Ground Floor: 8 Classrooms, 3 Baby toilets, 2 toilets (1 Unit for boys and 1 unit for girls), Teachers' room, 2 Supervisor's rooms, Principal's room.
  - First Floor: 9 Classrooms, Laboratory, Supervisor's room, 1 Teachers Toilet.
  - Second Floor: 9 Classrooms, Supervisor's room, IT room, 1 Teachers Toilet.
  - Roof Floor (Common Floor)

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require maintenance.
2. Concrete repair and masonry work.
3. Repair of existing aluminum windows where needed.
4. Repair of existing wooden doors where needed.
5. Curtains in classrooms to be replaced.
6. Electrical works are required.

Notes:

- No Lift is available in the school.
- The school is not accessible for disables.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

BASEMENT FLOOR

Rehabilitation of fence: Outdoor Playground



Tiling repair – Boys' Toilet unit



GROUND FLOOR

Rehabilitation of TOT shed – KG's playground



Rehabilitation of TOT shed – KG's playground



FIRST FLOOR

Internal Curtain – Grades 1,3 and 8



Internal Curtain – Grades 1,3 and 8



Rehabilitation of wooden door: Handle – Grade 1



Rehabilitation of aluminum windows: Glass – Grade 3



SECOND FLOOR

Rehabilitation of wooden door: Handle and locks– Grade 5



Internal Curtain – Grades 4,5,6 and 7



Internal Curtain – Grades 4,5,6 and 7



Concrete repair and paint – Supervisor's room



II. MECHANICAL WORKS

BASEMENT FLOOR

Rehabilitation of Drinking Basin: New taps– Indoor Playground



Rehabilitation of toilets: Faucet – Boys' and Girls' toilet



FIRST FLOOR

Rehabilitation of toilet: Taps – Toilet



ROOF

New covers for water tanks



III. ELECTRICAL WORKS

BASEMENT FLOOR

New lighting fixtures – Boys' toilet



New LED lamps for classrooms where needed





RISKS AND RECOMMENDATIONS

During our site visit, no risks were encountered.

No.	Risk	Recommendation
1	---	---
2	---	---
3	---	---
4	---	---

LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Saida Mixed Elementary Public School

(School CERD 1051)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

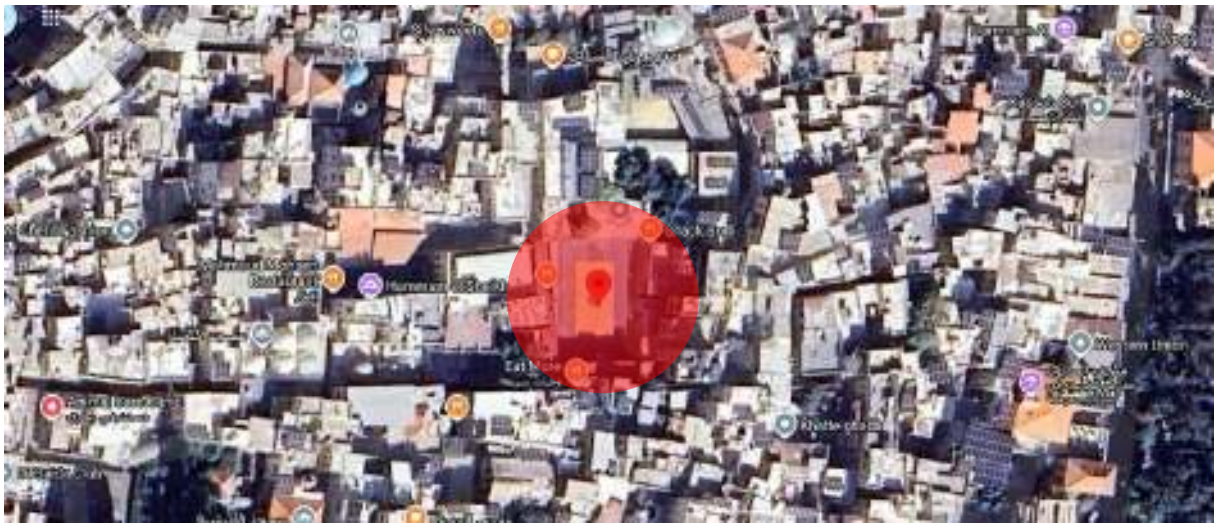
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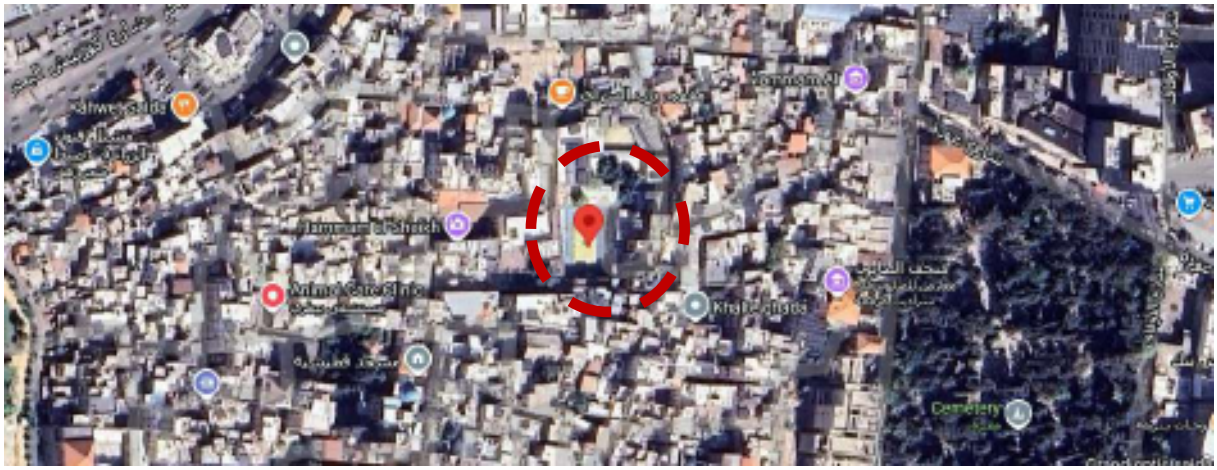
BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 22

BRIEF DESCRIPTION:

- Site Coordinates: 33.562866, 35.370181
- The building is owned by Ministry of Education and Higher Education.
- The school has a total number of students:
    - For AM Shift: 220 Students (118 Girls & 102 Boys)
- The school is of approximately 1000m^2 built up area.
- The school consists of 1 Block.
- Saida Intermediate Public School consists of:
    - Ground Floor: 4 Classrooms, 2 KG's toilets, 2 toilet units (1 unit for boys and 1 unit for girls) , 3 toilets foe administration staff, 2 storehouses, Theatre, indoor and outdoor playgrounds.
    - First Floor: 6 classrooms, principal room, electrical room, IT room, Teachers' room, Kitchen and 2 teachers' toilets.
    - Second Floor: 2 classrooms and 1 health room.
    - Roof Floor.

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Rehabilitation of toilets accessories.
2. Repair of existing wooden doors where needed.
3. Repair of existing steel doors where needed.
4. Electrical and Mechanical works are required.

Notes:

- No Lift is available in the school.
- The ground floor is accessible via an existing ramp and includes an accessible classroom and toilet for people with disabilities.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Rehabilitation of wooden door: Leaf and painting - Theatre



Rehabilitation of steel door: Locks –Main Entrance



Rehabilitation of Wooden door – Boys' toilet



Rehabilitation of Wooden door – KG's Toilet



Door closer – KG's toilet



FIRST FLOOR

Rehabilitation of Wooden door – Electrical room



SECOND FLOOR

Rehabilitation of steel door: Glass – Health room



ROOF FLOOR

Rehabilitation of steel doors: Handle and locks – Roof's door



II. MECHANICAL WORKS

GROUND FLOOR

Rehabilitation of toilets: Faucet – Boys and Girls' toilet



Rehabilitation of toilets: Faucet – Boys and Girls' toilet



Rehabilitation of toilets: Hose Bib – Boys and Girls' toilet



Rehabilitation of toilets: Hose Bib – Boys and Girls' toilet



Rehabilitation of toilets: Paper Roller Holder – Boys and Girls' toilet



Rehabilitation of toilets: Seat cover – Boys' toilet



FIRST FLOOR

Rehabilitation of toilets: Seat cover – Teachers' toilet



III. ELECTRICAL WORKS

GROUND FLOOR

Lighting Fixture – Sport's room



New Wall Mounted Fans – KG's Classroom



FIRST FLOOR

60x60 LED lighting fixture – Grades 2 & 3



New Switch Cover– Grade 2



New LED lamps – Grades 4,5,6 and 7





SECOND FLOOR

LED lighting fixtures – Room 2



RISKS AND RECOMMENDATIONS

During our site visit, no risks were encountered.

No.	Risk	Recommendation
1	---	---
2	---	---
3	---	---
4	---	---

LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Martyr Maarouf Saad Intermediate Public School

(School CERD 1052)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

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BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 38

BRIEF DESCRIPTION:

- Site Coordinates: 33°34'22.22"N 35°22'51.10"E
- The building is owned by Ministry of Education and Higher Education.
- The building is not common with any other school.
- The school has a total number of students:
  - For AM Shift: 776 Students (383 Girls & 393 Boys)
  - For PM Shift:501 students (275 Girls & 226 Boys)
- The school is of approximately 7800 m^2 built up area.
- The school consists of 1 Block.
- Martyr Maarouf Saad Intermediate Public School consists of:
  - Ground Floor: 9 classrooms, Toilets (11 Boys cubical) (9 girls cubical), Outdoor Playground, Indoor Playground, kitchen, disabled bathroom, administration, IT, electric room, Teachers room and bathrooms.
  - First Floor: 15 Classrooms, Toilets (3 boys cubical) (3 girls cubical),1 library, disabled room, drawing room.
  - Second Floor: 14 Classrooms, 3 Supervisor Room 4 labs.
  - Roof Floor :1 class, internal playground, toilets (3 girls cubical, 3 boys cubical).

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require rehabilitation
2. Repair of existing Steel windows and doors where needed.
3. Painting works.
4. Dismantling of separator partition in rooms and corridor
5. New HPL Door for toilet.
6. New Curtain for Classrooms.
7. Supply of New Institutional Furniture
8. Repair of existing wooden doors where needed.
9. Mechanical and Electrical works are required.

Notes:

- Lift is available and need maintenance.
- The ground floor is accessible, in addition, an accessible classrooms and toilets are provided.
- Two prefabricated showers are added during the war.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Dismantling for partition – KG's Corridor



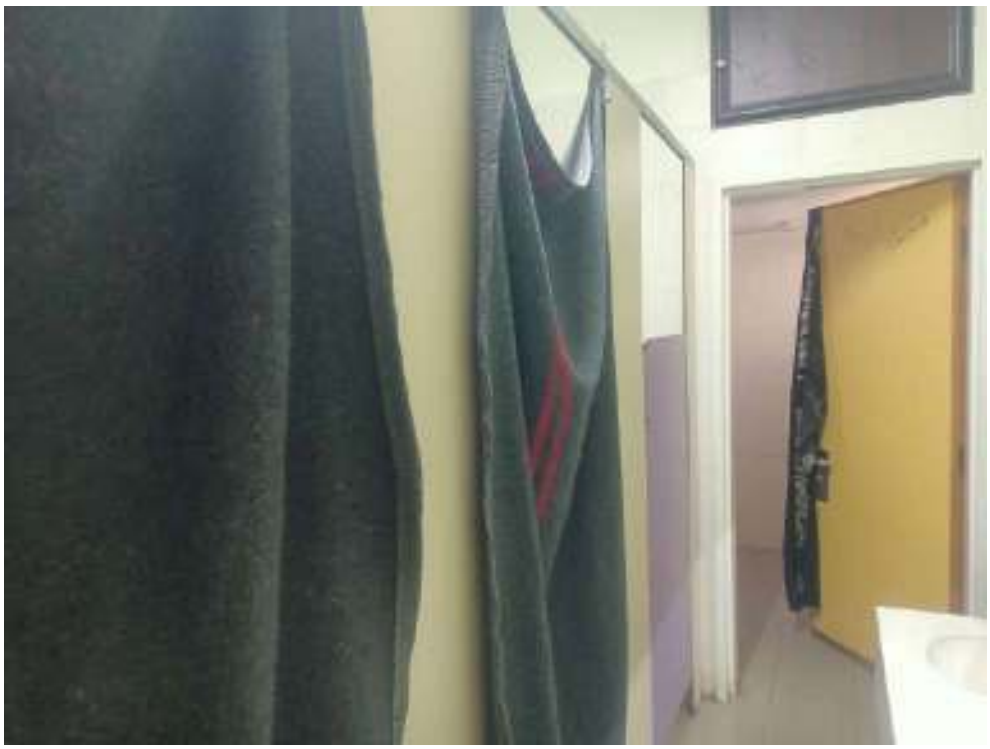
Dismantling for partition - KG's Corridor



Dismantling for partition – Room no.7



New HPL Door – KG's toilets



FIRST FLOOR

Internal Paint: Walls – Room no.12



Internal Paint: Walls – Room no.116



Rehabilitation of Wooden Doors: Handle – Room no.106



Rehabilitation of Wooden Doors: Handle – Room no.106



Dismantling of partition - Room nb:104,105,106,107,108,110,111,113,115,112,114,116 and no.117

















Rehabilitation of Lavatory: Water leakage – Girls toilets



SECOND FLOOR

Internal paint: Walls – Room no.204



Internal paint: Walls – Room no.205



Internal paint: Walls – Room no.207



Internal paint: Walls – Room no.210



Internal paint: Walls – Room no.213



Internal paint: Walls – Room no.215



Internal paint: Walls – Room no.216



Rehabilitation of wooden doors: Handle – Girls Toilets



Rehabilitation of wooden doors: Handle – Room no. 206



Dismantling of Partitions - Room nb:201,202,203, ,204,205,206,208,209,210,211, no. 215,218, and Corridor

















Internal Curtain- Room no.203



Supply of New Institutional Furniture







ROOF

Dismantling of Partitions - Hall



II. MECHANICAL WORKS

GROUND FLOOR

Rehabilitation of toilets: Hose Bib – KG's toilets



Rehabilitation of toilets: Faucet and Hose Bib– KG's toilets



Rehabilitation of toilets: Paper Roller Holder – KG's toilet



FIRST FLOOR

Rehabilitation of toilets: Paper Roller Holder
Boys's and Girls toilet



SECOND FLOOR

Rehabilitation of toilets: Hose Bib
Boys's toilet



Rehabilitation of toilets: Hose Bib
Boys's toilet



Rehabilitation of toilets: Paper Roller Holder
Boys's and Girls toilet



ROOF FLOOR

Rehabilitation of Toilets: Floor drain – Girl's toilets



III. ELECTRICAL WORK

GROUND FLOOR

Install new provisional PVC duct – KG's Corridor



Install new provisional PVC duct – KG's Corridor



FIRST FLOOR

Electrical switch and sockets – Room no. 108 and no.111



SECOND FLOOR

Install new cash cable duct – Room no. 207



Install new cash cable duct – Room no. 216



Electrical Switch and Sockets - Room no. 202,208,210 and no. 216.







RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	The steel fence around the roofed playground has large openings, posing a safety risk.	Repair steel fence where needed.

Playground Fence need rehabilitation.





LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Thuraya fares Abu Alfa Public School

(School CERD 980)



Assessment & Preliminary Design Report

August 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

Table of Contents

BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 24

BRIEF DESCRIPTION:

- Site Coordinates: 33°34'05.48"N 35°22'50.01"E
- The building is rented from Mr. Bahij Al Alayli.
- The building is not common with any other school.
- The school has a total number of students:
  - For AM Shift: 251 Students (All Girls)
- The school is of approximately 3,540 m2 built up area.
- The school consists of 2 Block.
- Thoraya Fares Public High School consists of:

1st Block

- Ground Floor: Toilets (7 cubicles), Outdoor Playground, Indoor Playground, electric room.
- First Floor: 2 Classrooms, 2 computer labs, Supervisor Room, 2 libraries.
- Second Floor: 6 Classrooms, Supervisor Room.
- Roof Floor

2nd block

- Basement 1: 3 Halls.
- Ground Floor: Administration, teachers' room, lab, kitchen, toilet, guard room.
- First Floor: 6 Classrooms, Supervisor Room, teachers' toilet (3 cubicles).
- Second Floor: 6 Classrooms, Supervisor Room.

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require a makeover.
2. Repair of existing Steel windows and doors where needed.
3. Painting works.
4. Repair of existing wooden doors where needed.
5. Tiles Repair where needed.
6. Mechanical works are required.

Notes:

- Lift is not available in the school.
- The ground floor is not accessible through an existing ramp and no classrooms and toilets are accessible.
- Two prefabricated Toilets units are installed in the schools since 2024, and located at ground floor playground.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Rehabilitation of ceramic tile –Playground toilets



Rehabilitation of Playground Flooring- Outdour Playground



Supply new concrete benches at playground



Supply new concrete benches at playground



Supply of New Institutional Furniture



Supply of New Institutional Furniture



Supply of New Institutional Furniture



Supply new furniture - Teacher Room - West Block





Repair wooden closet - Teacher Room - West Block





Rehabilitation of drinking basin: Taps - Playground



FIRST FLOOR

Internal paint: Walls – West block Room no. 18



Internal paint: Walls – West block Room no. 12



Internal paint: Walls – West block Room no. 16



Rehabilitation of steel doors: Handle – East block Supervisor room



Rehabilitation of steel doors: Handle – West block Room no. 17



Rehabilitation of steel doors: Handle – West block Room no. 9



Rehabilitation of steel windows: Handle – West block Room no. 9 and no. 17



Rehabilitation of steel windows: Handle – West block Corridor



Rehabilitation of plaster – East block Room no. 1 and no. 2





SECOND FLOOR

Internal Paint: Walls – Room no. 3



Internal Paint: Walls – Room no. 2



Internal Paint: Walls – East block Corridor



Internal Paint: Walls – West block Room no. 24



Internal Paint: Walls – West block Room no. 28



Internal Paint: Walls – West block Room no. 27



Rehabilitation of wooden door: Handle – East block Room no. 2



Rehabilitation of wooden door: Handle – East block Room no. 3



Rehabilitation of wooden door: Handle – East block Room no. 5



Rehabilitation of wooden door: frame
Toilet Playground



Rehabilitation of wooden door: frame
Room no.20



Rehabilitation of wooden door: frame
Room no.26 nad no.28



Rehabilitation of steel door: Handle – West block Room no.22



Rehabilitation of steel door: Handle – West block Room no.26



Rehabilitation of steel door: Handle – West block Room no.27



Rehabilitation of steel windows: Handle – West block corridor



Rehabilitation of steel windows: Glass – West block room no. 24, 26, 27 and no.29





Rehabilitation of steel Doors: Glass – West block room no. 24, 26, 27 and no.29



RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	Risk of students falling during going up the stairs due Concrete stair case steps are deteriorated, steel exposed and cracked.	In-situ concrete casting to repair ruined steps.
2	Deteriorated plaster in the ceiling of a balcony may fall down on the playground	Repair plaster where needed.
3	Cracks in playground walls behind concrete benches that may fall	Repair cracks and fix the walls where needed.

Rehabilitation of concrete parapet



Concrete deterioration in balconies



Rehabilitation of broken steps



LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Al Krayeh Intermediate Public School

(School CERD 1060)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

Table of Contents

BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 15

BRIEF DESCRIPTION:

- Site Coordinates: 33.534283451657785, 35.415432435639886
- The building is owned by Ministry of Education and Higher Education.
- The school has a total number of students:
  - For AM Shift: 62 Students
- The school consists of 1 Block.
- Al Krayeh Intermediate Public School consists of:
  - Basement Floor: Stage and Electrical Room
  - Ground Floor: 2 Kg's classroom Toilets; Laboratory; Toilet 2 units for Girls and for Boys; Guard Room; 3 Classroom - Computer; Kitchen; Administration Department.
  - First Floor: 9 Classrooms, 2 Toilet Units (3 cubicles for Girls – 3 Cubicles for Boys), Supervisor Library; Supervisor
  - Roof Floor

SITE LOCATION:



REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require rehabilitation
2. Repair of existing aluminum windows where needed.
3. Repair of roof water proofing where required.
4. Painting works.
5. Repair of existing wooden doors where needed.
6. Tiles Repair where needed.
7. Electrical works are required

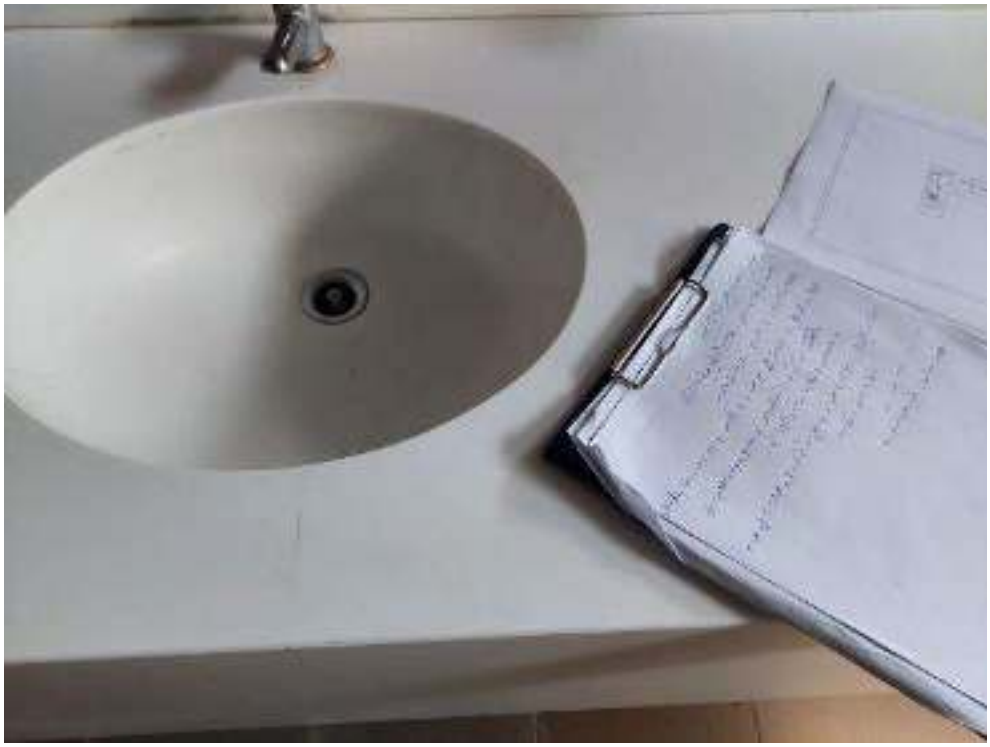
Notes:

- Lift is not available in the school.
- The ground floor is accessible via an existing steel ramp and includes an accessible classroom and toilet for people with disabilities.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Rehabilitation of toilets: Lavatories and Mixer – Boys Toilets



Rehabilitation of toilets: Mixer – Boys Toilets



Rehabilitation of Partition - Classroom



Rehabilitation of wooden doors: Handle
Classroom



Rehabilitation of wooden doors: Handle
Classroom



FIRST FLOOR

Rehabilitation of aluminum windows - Classroom



Rehabilitation of wooden doors - Classroom



Internal paint: Walls - Classrooms



Rehabilitation of Threshold - Toilets



Rehabilitation of aluminum windows – Director Room



Rehabilitation of wooden doors: Frame and Painting - Classrooms



II. MECHANICAL WORKS

GROUND FLOOR

Rehabilitation of toilets: Floor Drain - Toilets



Rehabilitation of toilets – Prefacricated toilets



III. ELECTRICAL WORKS

GROUND FLOOR

Rerouting of cables and reinstallation of circuit brakers in electrical encloser - Classroom



RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	---	---
2	---	---
3	---	---
4	---	---.

LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Maghdoucheh Secondary Public School

(School CERD 1070)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

Table of Contents

BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 24

BRIEF DESCRIPTION:

- Site Coordinates: 33.5176288, 35.3833962
- The building is owned by Ministry of Education and Higher Education.
- The school has a total number of students:
    - For AM Shift: 198 Students (108 Girls & 91 Boys)
- The school is of approximately 1200 m^2 built up area.
- The school consists of 2 Blocks.
- Maghdoucheh Secondary Public School consists of:
    - Block A:
    - Ground Floor: 2 Toilet Units (4 cubicles for Girls – 4 Cubicles for Boys), Principal's room, Teachers room, Kitchen, Supervisor room, IT room, 2 Teacher Toilets.
    - First Floor: 2 Teachers Toilets, Kitchen, Health room, 2 rooms for Administration works.
    - Block B:
    - Ground Floor: Outdoor Playground, Indoor Playground, 1 Classroom, Supervisor's room, Laboratory, IT room, 1 Teachers Toilet.
    - First Floor: 5 Classrooms, 2 Teachers Toilets, Laboratory, Supervisor Room.
    - Second Floor: 7 Classrooms, 2 Teachers Toilets, Supervisor Room.
    - Roof Floor

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Toilets in the school building require full maintenance.
2. Repair of existing aluminum windows where needed.
3. Painting works.
4. Repair of existing wooden doors where needed.
5. Tiles Repair where needed.
6. Electrical works are required.
7. Curtains replacement where needed.

Notes:

- No Lift is available in the school.
- The school is not accessible for disable.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

BLOCK A:

GROUND FLOOR

Tiling repair - Boys Toilet



Tiling repair - Boys Toilet



Rehabilitation of wooden doors: lock – Boys Toilet



Internal Paint: WC ceilings – Boys and Girls Toilets



Outside Wall Paint - Administration main elevation



Outside Wall Paint - Administration main elevation



BLOCK B:

GROUND FLOOR:

Rehabilitation of TOT Shed - Outdoor playground



Rehabilitation of steel door: Glass - Staircase door



Rehabilitation of steel windows: Glass – IT room



Rehabilitation of wooden doors: Leaf - Toilet



Internal Paint: Walls – Indoor playground



FIRST FLOOR

Rehabilitation of wooden doors: Frame – Classroom 1



Internal Curtains: Classroom 1



Internal Curtains: Classroom 2



Internal Paint: Walls – Classroom 3



SECOND FLOOR

Rehabilitation of aluminum windows: Glass - Classroom 3



Internal Curtains: Classroom 2



Internal Curtains: Supervisor room



Internal Paint: Walls – Corridor



II. MECHANICAL WORKS

BLOCK A:

GROUND FLOOR

Rehabilitation of Drinking Basin: New Taps – Playground Toilets



Rehabilitation of Toilet: Flushing systems
Boys toilet:



Rehabilitation of Toilet: Flushing systems
Boys toilet



Rehabilitation of Toilet: Remove Shower Head and blue cartonal New Hose Bib – All Eastern cubicles



BLOCK B:

SECOND FLOOR

New Lavatory: Girls Toilet



New Mirror: Girls Toilet



III. ELECTRICAL WORKS

BLOCK A:

GROUND FLOOR

New Fan: Girls Toilet



New Fan and New Lighting Fixture – Boys toilet



BLOCK B:

GROUND FLOOR

Lighting Fixtures: Indoor Playground



Lighting Fixtures: Indoor Playground



LED Lamps – All Classrooms



First Floor:

Sockets and switches: Classroom 2



Wires and cables: Classroom 4



Second Floor:

Sockets and switches: Classroom 1



RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	Risk of injury due to concrete falling from ceiling	Concrete repair as per the Engineer's recommendation
2	Risk of fire spread due to lack of fire extinguishers.	Addition of fire extinguishers as per codes and standards.
3	Risk of contamination and sewage flood	Repair / Unclogging of the sewer line just outside the school
4	Outside light projectors are broken	Replacement of projectors to provide safe and clear environment

Risk of concrete falling: Classroom 3 – second floor



Broken projectors to be replaced:



LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Maghdoucheh Intermediate Public School

(School CERD 1071)



Assessment & Preliminary Design Report

August 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

Table of Contents

BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 17

BRIEF DESCRIPTION:

- Site Coordinates: 33.5186172, 35.3855209
- The building is owned by Ministry of Education and Higher Education.
- The building is common with Maghdoucheh Elementary Public School (Exactly half of each floor is considered for each school).
- The school has a total number of students:
  - For AM Shift: 149 Students (80 Girls & 69 Boys)
- The school is of approximately 2200 m2 built up area.
- The school consists of 1 Block.
- Maghdoucheh Intermediate Public School consists of:
  - Ground Floor: 2 Toilet Units (1 Unit for Boys and 1 Unit for Girls), Outdoor Playground, Indoor Playground, Guard's room.
  - First Floor: 3 Classrooms, Kitchen, Principal Room, Supervisor's room, Library, Laboratory, Teachers' Room, 1 toilets unit for Boys and 1 toilet unit for Girls and teachers' toilets.
  - Second Floor: 6 Classrooms, Music room, Teachers Toilet.
  - Third Floor: 7 Classrooms, Supervisor's room, Teachers Toilet.
  - Roof Floor (Common Floor)

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require maintenance.
2. Partitions (for refugees) to be removed.
3. Repair of existing aluminum windows where needed.
4. Repair of existing wooden doors where needed.
5. Maintenance for lift door and button.
6. Rehabilitation of acoustic panels.
7. Electrical works are required.

Notes:

- Lift is available in the school but it's not working.
- The ground floor is accessible and no ramps, classrooms or toilets are accessible.
- Two prefabricated Toilets units are installed in the schools, and located at ground floor playground.
- Two prefabricated Toilets units are installed in the schools, and located at ground floor playground.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Rehabilitation of aluminum door: locks
Main entrance



Rehabilitation of aluminum door: locks
Main entrance



Rehabilitation of Lift door and button



Rehabilitation of Lift door and button



Dismantling of Partition– Indoor playground



Dismantling of Partition– Indoor playground



Rehabilitation of wooden door – Boys' toilet



Rehabilitation of wooden door – Boys' toilet



Rehabilitation of steel door: Lock - Staircase Entrance



FIRST FLOOR

Dismantling of partition – Classroom 3 and 4



Rehabilitation of wooden door: Frame and painting – Classroom 3



SECOND FLOOR

Acoustic panels maintenance – Music classroom



Acoustic panels maintenance – Music classroom



Dismantling of Partitions – Classroom 2



Rehabilitation of aluminum window: Double Glazed Glass – Classroom 4



II. MECHANICAL WORKS

GROUND FLOOR

Rehabilitation of flushing systems – Boys' toilets



Rehabilitation of flushing systems – Boys' toilets



FIRST FLOOR

Replacement of broken tube for solar water heater



Replacement of booster pump for the solar water heater



III. ELECTRICAL WORKS

FIRST FLOOR

Electrical switches – Classrooms 2, 3 and 4



RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	Many of the Aluminum mosquito screens were missed.	Provide and install new mosquito screens for Aluminum windows Size (1.1 x 1.4) Quantity: 42 pcs
2	Lack of water due to malfunction in the pump at the GF.	Replacement of pump.

LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Maghdoucheh Elementary Public School

(School CERD 1072)



Assessment & Preliminary Design Report

August 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

Table of Contents

BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 18

BRIEF DESCRIPTION:

- Site Coordinates: 33.5186172, 35.3855209
- The building is owned by Ministry of Education and Higher Education.
- The building is common with Maghdoucheh Intermediate Public School (Exactly half of each floor is considered for each school).
- The school has a total number of students:
  - For AM Shift: 212 Students (124 Girls & 88 Boys)
  - For PM Shift: 314 Students (163 Girls & 151 Boys)
- The school is of approximately 2200 m^2 built up area.
- The school consists of 1 Block.
- Maghdoucheh Elementary Public School consists of:
  - Ground Floor: 2 Toilet Units (1 Unit for Boys and 1 Unit for Girls), Outdoor Playground, Indoor Playground, Guard's room.
  - First Floor: 3 Classrooms, Kitchen, Principal Room, Supervisor's room, Library, Laboratory, Teachers' Room, 2 Toilet Units (1 Unit for Boys and 1 Unit for Girls), Teacher's toilets.
  - Second Floor: 6 Classrooms, Music room, Teachers Toilet.
  - Third Floor: 7 Classrooms, Supervisor's room, Teachers Toilet.
  - Roof Floor (Common Floor)

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Partitions (for refugees) to be removed.
2. Repair of existing aluminum windows where needed.
3. Repair of existing wooden doors where needed.
4. Tiles Repair where needed.
5. Minor electrical works are required.

Notes:

- No Lift is available in the school.
- The ground floor is accessible via an existing ramp and includes an accessible classroom and toilet for people with disabilities.
- Two prefabricated Toilets units are installed in the schools and located at ground floor playground.
- Two prefabricated Showers units are installed in the schools and located at ground floor playground.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Rehabilitation of Aluminum windows: Glass - Indoor Playground



Rehabilitation of Aluminum windows: Glass - Indoor Playground



Dismantling of Partitions - Indoor playground



Dismantling of Partitions - Indoor playground



Rehabilitation of aluminum doors: Handle and Lock Indoor playground.



Rehabilitation of aluminum doors: Handle and Lock Indoor playground.



Rehabilitation of wooden doors: Handle - Boys' toilet



Rehabilitation of steel doors: Handle - Entrance



Tiles Rubbing: Indoor playground



Tiles Rubbing: Indoor playground



Tiles Rubbing: Indoor playground



FIRST FLOOR

Rehabilitation of Aluminum door: Lock - Staircase



Skirting Repair - Classroom 1



SECOND FLOOR

Rehabilittion of aluminum window: Glass - Classroom 3



II. ELECTRICAL WORKS

FIRST FLOOR

Electrical switch - Classrooms 1,2 and 3.



SECOND FLOOR

Electrical Switch – Classrooms 2 and 3



THIRD FLOOR

Electrical Switch – Classrooms 3,4,5 and 7



RISKS AND RECOMMENDATIONS

During our site visit, no risks were encountered.

No.	Risk	Recommendation
1	---	---
2	---	---
3	---	---
4	---	---

LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Anqoun Intermediate Public School

(School CERD 1075)



Assessment & Preliminary Design Report

August 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

Table of Contents

BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 29

BRIEF DESCRIPTION:

- Site Coordinates: 33.4934275, 35.4278025.
- The building is owned by Ministry of Education and Higher Education.
- The building is common with Anqoun Secondary public school and Anqoun technical institute.
- The school has a total number of students:
  - For AM Shift: 360 Students (173 Girls & 187 Boys)
- The school is of approximately 2200 m^2 built up area.
- The school consists of 1 Block.
- Anqoun Intermediate Public School consists of:
  - Second Basement: Theatre, Indoor playground, and 2 Toilets (1 unit for Boys, and 1 unit for girls).
  - First Basement: 4 classrooms, Kitchen, 2 toilet units (1 unit for Boys, and 1 unit for girls), Teacher's toilet, Indoor playground, outdoor playground, and 1 KG's room.
  - Ground Floor: 18 classrooms, principal room, 2 supervisor's rooms, Teachers' room, 2 Kitchens, 1 Storehouse, Guard's room, and indoor playground.
  - First Floor: Anqoun Secondary public school
  - Second Floor: Anqoun technical institute

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require rehabilitation.
2. Repair of existing aluminum windows where needed.
3. Partitions (Wood) to be dismantled.
4. Painting works.
5. Repair of existing wooden doors where needed.
6. Tiles Repair and polishing where needed.

Notes:

- Lift is not available in the school.
- The ground floor is not accessible for disable and no accessible classroom and toilet are available.

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

SECOND BASEMENT FLOOR

Dismantling wood partitions – Indoor playground



Tile Rubbing – Indoor playground



Tile Rubbing – Staircase



Tiles Repairing– Boys Toilets



Door Painting – Toilets



Door Painting – Toilets



FIRST BASEMENT FLOOR

Rehabilitation of steel fence – Outdoor Playground



Rehabilitation of steel fence
Outdoor Playground



Rehabilitation of steel fence
Outdoor Playground



Rehabilitation of steel fence – Outdoor Playground



Tiles Rubbing – Outdoor playground



Tiles Rubbing – Outdoor playground



Rehabilitation of Marble threshold – Outdoor Playground



Replacement of Stone threshold – Staircase



Rehabilitation of Marble threshold – KG's room



Internal Painting: Walls – KG2 Classroom



Internal Painting: Walls – KG2 Classroom



Rehabilitation of aluminum window – KG2 Classroom



Rehabilitation of wooden door: Handles and locks Toilets



Rehabilitation of wooden door: Handles and locks Toilets



Rehabilitation of wooden door: Handles and locks
Toilets



Rehabilitation of wooden door: Handles and locks
Toilets



Tile repair – Toilets



Tile repair – Toilets



Internal Paint: Walls – Toilets



Rehabilitation old steel door: Glass
Indoor playground



Rehabilitation old steel door: Glass
Indoor playground



Artificial Grass to be replaced (with new grass or colored Vinyl) – Indoor playground



Artificial Grass to be replaced (with new grass or colored Vinyl) – Indoor playground



GROUND FLOOR

Internal Paint: Walls – Kitchen



Internal Paint: Ceiling– Kitchen



Internal Paint: Ceiling and Walls – Storehouse



Internal Paint: Walls – Storehouse



Rehabilitation of wooden door handles
Classrooms



Rehabilitation of wooden door handles
Classrooms



External Painting – Outside of the Kitchen



II. MECHANICAL WORKS

SECOND BASEMENT FLOOR

Rehabilitation of Toilets:
Flash Tank cover and Hose Bib – Toilet 1



Rehabilitation of Toilets: Faucit
Toilet 1



FIRST BASEMENT FLOOR

Rehabilitation of toilets: Seat cover and Hose Bib Toilets



Rehabilitation of toilets: Seat cover and Hose Bib Toilets



Rehabilitation of toilets: Faucet – Boys' Toilet



III. ELECTRICAL WORKS

SECOND BASEMENT FLOOR

LED lamps to be provided – Indoor playground



Electrical distribution board to be installed – Staircase



GROUND FLOOR

Lighting Fixture – Classrooms



Lighting Fixture – Classrooms



Lighting Fixture – Classrooms



Lighting Fixture – Classrooms



Maintenance of CCTV system – Corridor





RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	The KG's room is severely damaged due to high humidity and may harm the KG's	Concrete repair and antibacterial painting is highly recommended
2	Cracks in expansion joint	Rehabilitation of Expansion joint

Concrete repair and antibacterial painting for the KG's room



Concrete repair and antibacterial painting for the KG's room



Humidity in KG's room



Rehabilitation of expansion joints – Corridor



LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Ain Jarfa Intermediate Public School

(School CERD 1177)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

Table of Contents

BRIEF DESCRIPTION: 2
SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 17

BRIEF DESCRIPTION:

- Site Coordinates: 33.383062, 35.688678
- The building is owned by Ministry of Education and Higher Education.
- The school has a total number of students:
  - 236 Students
- The school consists of one Block.
- Ain Jarfa Public School consists of:
  - Basement floor: Toilets, indoor playground, outdoor playground.
  - Ground Floor: 2 Toilet Units (4 cubicles for Girls – 4 Cubicles for Boys), Director room, Kitchen, Computer room, 6 KG Classrooms, 2 Toilets.
  - First Floor: 2 Toilets, 8 Classrooms, teachers room.
  - Second Floor: 2 Toilets, 8 Classrooms.

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Toilets in the school building require full maintenance.
2. Maintenance aluminum windows.
3. Painting works.
4. Repair of existing w doors where needed.
5. Electrical sockets in classrooms need covers.

Notes:

- No lift is available in the school.
- The ground floor isn't accessible via an existing ramp and not includes an accessible classroom and toilet.
- No water tanks supplied during the war.
- Sewerage system of the school not connected to a private sanitary pit or public network.

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

BF/GF/1st and 2nd floor:

Rehabilitation of Aluminum Windows Classrooms



Rehabilitation of Aluminum Windows – Classrooms



Rehabilitation of Aluminum Windows Classrooms



Rehabilitation of Aluminum Doors– Classrooms



Basement floor:

Rehabilitation of Wooden Door Playground



Rehabilitation of Wooden Door



FIRST FLOOR:

Rehabilitation of Wooden Door – Classrooms



Rehabilitation of Wooden Door – Classrooms



BASEMENT FLOOR:

Rehabilitation of Wooden Door – Toilets:



Rehabilitation of Wooden Door – Toilets:



Rehabilitation of Wooden Door – Toilets:



Rehabilitation of Wooden Door – Toilets:



FIRST FLOOR:

Internal Paint: Wall - Classroom



Internal Paint: Wall - Corridor





SECOND FLOOR:

Internal Paint: Wall – Classroom



Internal Paint: Wall - Classroom



Internal Paint: Wall – Classroom



Internal Paint: Wall - Classroom



II. MECHANICAL WORKS

GROUND FLOOR

Water Leakage Under The Tiles of The Toilets:



Rehabilitation of Toilets: Flushing Systems



Full Rehabilitation of Toilets



BASEMENT FLOOR:

Rehabilitation of Toilets: Cover Seats



Rehabilitation of Toilets: Cover Seats



SECOND FLOOR:

Rehabilitation of Toilets: flashing Systems



Rehabilitation of Toilets: flashing Systems







III. ELECTRICAL WORKS

Electrical Sockets - Classrooms



Electrical Sockets - Classrooms



Electrical Sockets - Classrooms



Electrical Sockets - Classrooms



RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	water leakage (no waterproofing on roof)	Installation for new waterproofing membrane SBS
2	**Bus Drop-Off Area:** The school buses stop and park along the public road during student drop-off, creating a potential safety risk for children due to interaction with passing vehicles and traffic congestion.	**Recommended Solution:** Provide a designated bus drop-off/loading area separated from general traffic and parking, with a safe pedestrian path for students. Where space is limited, provide appropriate barriers, curbs, signage, and traffic-control measures to separate the bus loading area from vehicle and pedestrian circulation.
3	Need Fence for the playground	Install a steel fence above the wall fence to be more safe.

Waterproofing Leakage From Roof



The Main Entrance for School Need Parking.



LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Ain Al Hilweh Mixed Elementary Public School

(School CERD 1404)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

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REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 26

BRIEF DESCRIPTION:

- Site Coordination: 33.54723416507581, 35.37974155882333
- The building is owned by Ministry of Education and Higher Education.
- The school has a total number of students:
  - For AM Shift: 218 Students
- The school consists of 3 Block.
- Ain al Hilweh Mixed Elementary Public School consists of:
  - **BLOCK A**
  - Basement Floor: Stage; Shelter
  - Ground Floor: Covered Kindergartens Playground; covered Primary Playground; Parking Administration Department; Toilets
  - First Floor: 3 Primary classrooms- Corridor; Toilets
  - Second Floor: 3 Primary Classrooms, Corridor; Toilets
  - **BLOCK B**
  - Ground Floor: 3 KG's Classrooms- Corridor; Toilets and Supervisor Room
  - **BLOCK C**
  - Ground Floor: 3 KG's Classrooms - Corridor; toilets and Supervisor Room

SITE LOCATION:



REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require rehabilitation.
2. Repair of existing aluminum windows where needed.
3. Repair of existing aluminum doors where needed.
4. Painting works.
5. Replace existing drinking basin by new one.
6. Dismantling of existing wooden partition.
7. Repair of existing wooden doors where needed.
8. Tiles Repair where needed.
9. Electrical and Mechanical works are required

Notes:

- Lift is not available in the school.
- The ground floor is accessible but no ramp, and includes an accessible classroom and toilet for people with disabilities.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

BLOCK A

BASEMENT FLOOR

Repair of Tiles - Toilet



GROUND FLOOR

Dismantling of partitions – Corridor



Dismantling of partitions – Corridor



Dismantling of partitions – Corridor



Dismantling of partitions – Corridor



New Drinking Basin – External Wall of the school



FIRST FLOOR

Repair of wooden door: Handle and Painting
All Classrooms



Repair of wooden door: Handle and Lock
All Classrooms



Repair of steel door - Classrooms



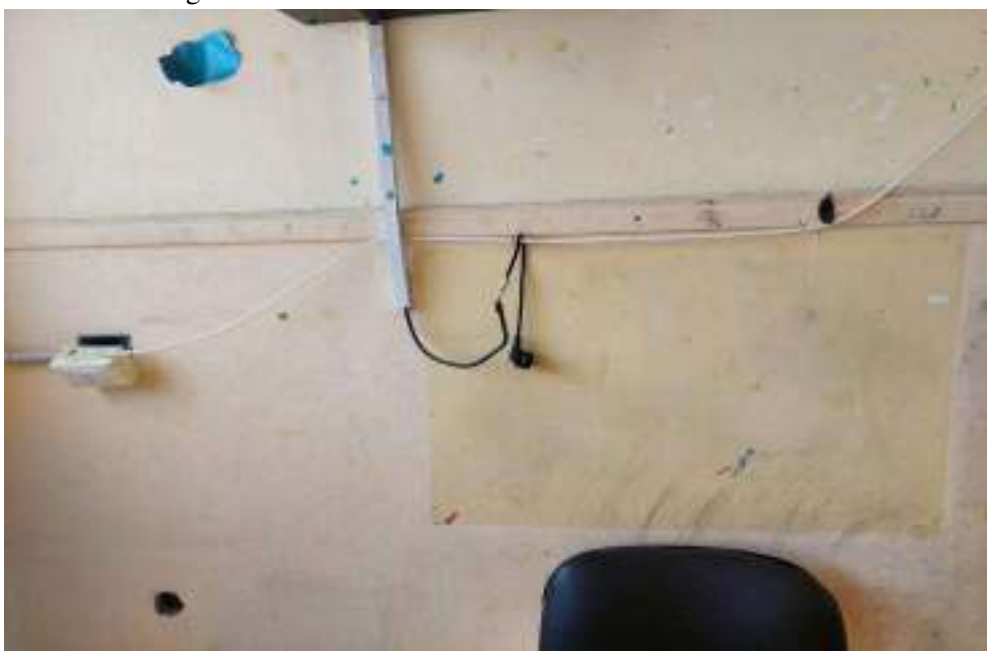
Repair of steel door - Classroom



Repair of steel door - Classroom



Internal Painting: Walls - Classrooms



Rehabilitation of wooden doors|: Handle and locks Grade 3



Rehabilitation of wooden doors|: Handle and locks Grade 3



Internal Paint: Walls – Grade 3



BLOCK B

GROUND FLOOR

Rehabilitation of Aluminum door: Handle and Locks: KG 1 classroom



Rehabilitation of Kitchen cabinets - Kitchen



Rehabilitation of Aluminum Windows – KG 3 classroom



BLOCK C

GROND FLOOR

Rehabilitation of Aluminum doors: Handle – KG's classroom



Rehabilitation of Aluminum Windows: Handle – KG's classroom



Dismantling of Wooden Partition



Rehabilitation of Aluminum windows: Handle – Art Room



II. MECHANICAL WORKS

BLOCK -A

GROUND FLOOR

Rehabilitation of floor drain
Toilet



Rehabilitation of Toilets: Seat Cover
Students Toilets



BLOCK B

GROUND FLOOR

Rehabilitation of Toilets: Seat Cover – Teachers Toilets



BLOCK C

GROUND FLOOR

Rehabilitation of Toilets: Seat Cover - Toilets



III. ELECTRICAL WORKS

BLOCK A

BASEMENT FLOOR

Electrical Socket cover - Toilets



GROUND FLOOR

Electrical Switch – Students Toilets



Electrical Switch - Classroom



Missing UPS - Classroom



BLOCK B

GROUND FLOOR

Rewiring and avoid taps for joining wires and cables - Entrance



RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	**---**	**---**
2	**---**	**---**
3	**---**	**---**
4	**----**	**---**

LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Abra Mixed Intermediate Public School

(School CERD 1429)



Assessment & Preliminary Design Report

September 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

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SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 19

BRIEF DESCRIPTION:

- Site Coordinates: 33.56615446431046, 35.41112529437104
- The building is rented by Ministry of Education and Higher Education.
- The school has a total number of students:
  - For AM Shift: 678 Students
- The school consists of 1 Block.
- Abra Mixed Intermediate Public School consists of:
  - Ground Floor: Parking, Outdoor Playground, Indoor Playground. Administration Department. Classrooms No-4- Guard Room. Shop. Teachers Restrooms. (8). Student Restrooms (12) and Kitchen
  - First Floor: 9 Classrooms, 4 KG's classroom. 3 Toilets Units (8 KG) (6 for Girls.) (6 Cubicles for Boys), Supervisor Room. Library
  - Second Floor: 13 Classrooms, 2 Toilet Units (6 cubicles for Girls – 6 Cubicles for Boys), Supervisor Room. Computer Room
  - Roof Floor

SITE LOCATION:



REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require minor rehabilitation.
2. Repair of existing wooden doors where needed.
3. Demolishing of existing partition.
4. Electrical and Mechanical works are required

Notes:

- Lift is not available in the school
- The ground floor is accessible through an existing ramp and an accessible classroom and toilet are available.
- Sewage system of the school connected to town main line (no problem faced)

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Rehabilitation of wooden doors – KG's classroom



Repair Crack in Walls - KG's classroom



Rehabilitation of wooden doors: Locks – KG's Classroom



FIRST FLOOR

Demolishing of Partition – Classroom










UNHCR
UNHCR







Rehabilitation of wooden door: Lock - Classroom



SECOND FLOOR

Demolishing of Partition – Classroom











II. MECHANICAL WORKS

GROUND FLOOR

Rehabilitation of Toilets: Shower Head, Seat cover and Flash Wash – Handicap Toilets



Rehabilitation of toilets: Seat and Shower Head – Handicap Classroom



FIRST FLOOR

Remove Shower Head – Toilets



SECOND FLOOR

Remove Shower Head



Rehabilitation of Toilets: Seat cover and Flash Wash –Toilets



III. ELECTRICAL WORKS

FIRST FLOOR

Rewire cables inside suitable conduit – Grade 3



RISKS AND RECOMMENDATIONS

During our site visit, no risks are founded.

No.	Risk	Recommendation
1	---	---
2	---	---
3	---	---
4	---	---

LEBANON EMERGENCY ASSISTANCE PROJECT (LEAP)

Tender Preparation and Construction Supervision Consultant for Shelters

(Batch 5-Lot 3)

Dr. Nazih Al Bizri Secondary Public school

(School CERD 1499)



Assessment & Preliminary Design Report

August 2026

ABDULWAHED CHEHAB
CONSULTING ENGINEERING OFFICE

Table of Contents

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SITE LOCATION: 3
REHABILITATION WORKS 4
RISKS AND RECOMMENDATIONS 42

BRIEF DESCRIPTION:

- Site Coordinates: 33°34'05.82"N 35°22'45.27"E
- The building is owned by Ministry of Education and Higher Education.
- The school has a total number of students:
  - For AM Shift: 851 Students (436 Girls & 415 Boys)
- The school is of approximately 17,333 m^2 built up area.
- The school consists of 1 Block.
- Dr. Nazih Al-Bizri Public High School consists of:
  - First Basement: Electrical Room, Mechanical Room, changing rooms, sport rooms, and toilets.
  - Ground Floor: Toilets, Outdoor Playground, Indoor Playground, theater, library, storage rooms and art room.
  - First Floor: 12 Classrooms, Toilet (12 cubicles for Girls), Principal Room, IT Room, Supervisor Room, Teacher Room and library.
  - Second Floor: 12 Classrooms, Toilet (6 cubicles for Girls – 6 Cubicles for Boys), Laboratory, computer lab, Supervisor Room.
  - Third Floor: 12 Classrooms, 2 Toilet Units (6 cubicles for Girls – 6 Cubicles for Boys), computer lab, Supervisor Room
  - Roof Floor

SITE LOCATION:





REHABILITATION WORKS

The items that require repair that were encountered during our site visit consist of the following:

1. Students' toilets in the school building require rehabilitation.
2. Dismantling work.
3. Repair of existing aluminum windows where needed.
4. Painting works.
5. Repair of existing wooden doors where needed.
6. Tiles Repair where needed.
7. Electrical works are required

Notes:

- lift is available in the school, and need maintenance.
- The ground floor is accessible through an existing ramp and includes an accessible classroom; however, no accessible toilet facilities are available.
- Two Prefabricated showers units are installed in the schools during the war, and Located at the ground floor playground, and the principal want to keep them.
- Four water tank 2000L supplied during the war for the prefabricated toilets.
- A sewage problem has been identified in the teachers' toilets and requires repair to ensure proper operation of the drainage system.

I. CIVIL, STRUCTURAL AND ARCHITECTURAL WORKS

GROUND FLOOR

Rehabilitation of aluminum door- School entrance door (North)



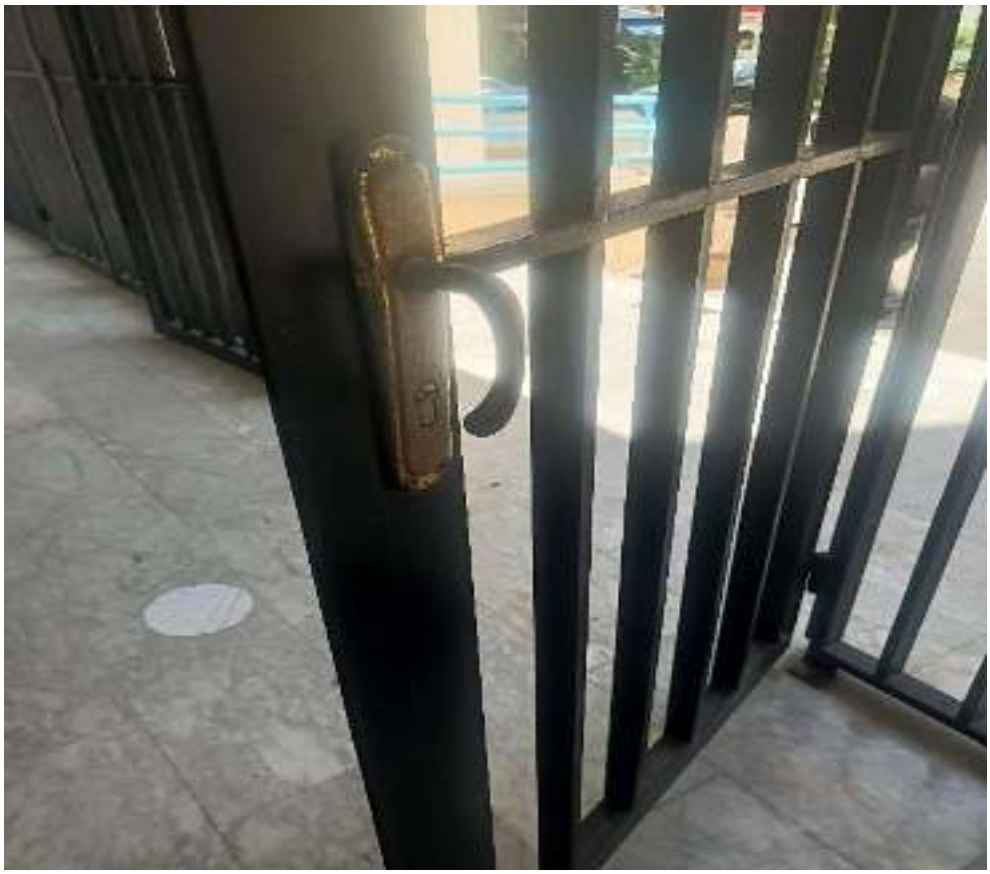
Rehabilitation of aluminum door- School entrance door (South)



Rehabilitation of Steel Door: Handle and lock - Entrance



Rehabilitation of Steel Door: Handle and lock -Entrance



FIRST FLOOR

Internal paint- Classroom no. 1



Internal paint- Classroom no. 2



Internal paint- Classroom no. 3



Internal paint- Classroom no. 6



Rehabilitation of Timber Door: Handle Classrooms no. 1,2,3,4,5,6





Rehabilitation of Timber Door: Handle- Stair Exist Door



Dismantling of Partition - Classroom no. 1,2,3,4,5,6





Rehabilitation of Drinking Basin- Teacher Toilet



SECOND FLOOR

Internal Paint – Classroom no. 8



Internal Paint – Classroom no. 9



Internal Paint – Classroom no. 10



Internal Paint- Classroom no. 25



Rehabilitation of wooden door: Handles and locks - Classrooms no. 7,8,9,11,26,27,28, stair exit door







Rehabilitation of wooden door
Classrooms nb30



Rehabilitation of wooden door
Classrooms no. 26



Rehabilitation of aluminum windows-Corridor



Rehabilitation of aluminum windows- Boys toilets



Dismantling of Partition - Classroom no. 7,8,9,10,11,12 and south corridor







Rehabilitation of toilets-False ceiling- Girls toilets



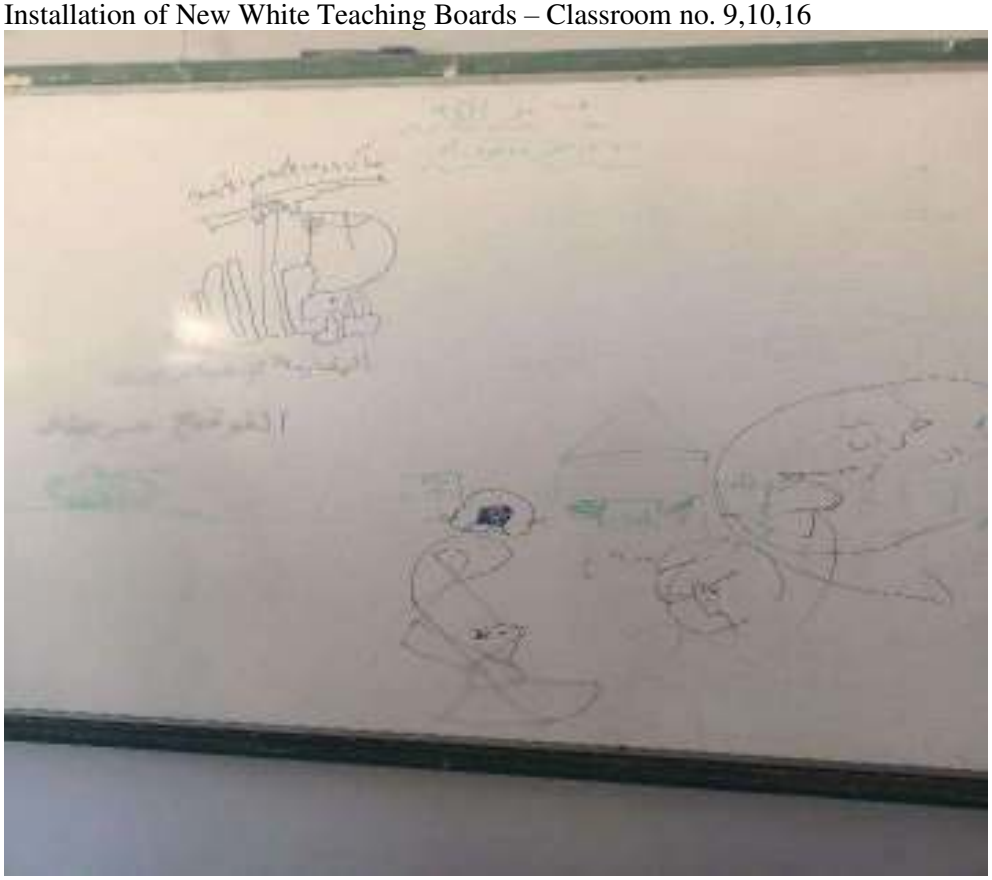
Rehabilitation of Gypsum Board Partition - Classroom no. 28



Installation of New Educational Panels - Classroom no. 25



Installation of New White Teaching Boards – Classroom no. 9,10,16



New skirting – Classroom no. 29

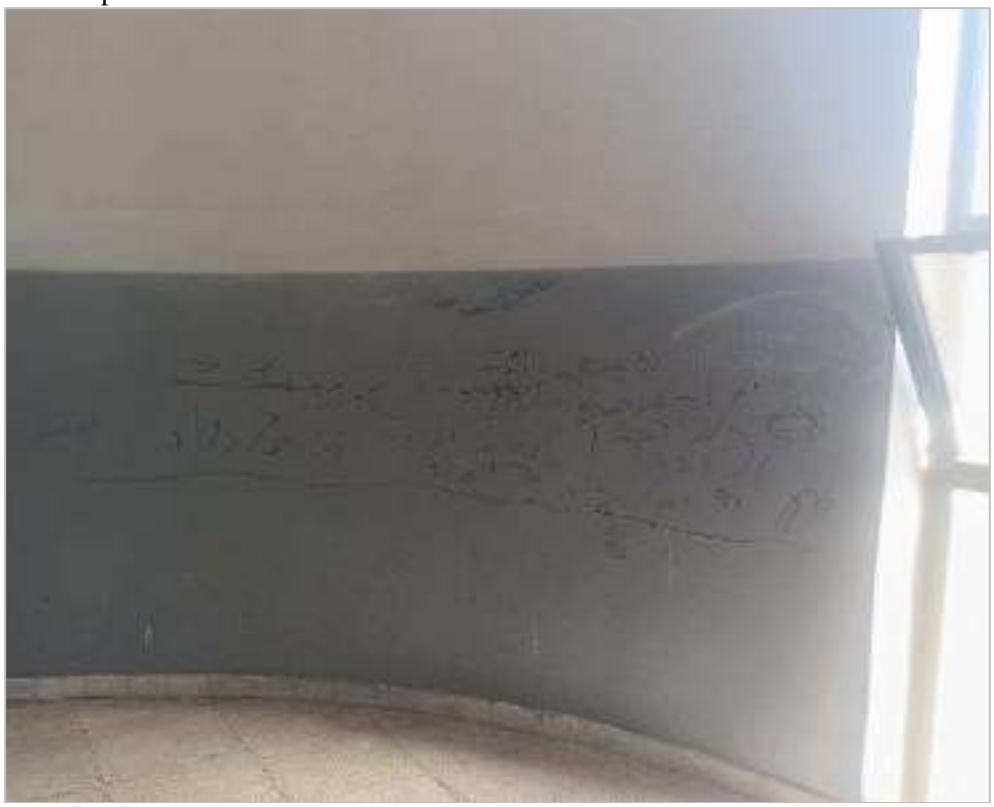


Rehabilitation of Lavatory- Girls toilets



THIRD FLOOR

Internal paint - Staircase



Internal paint - Corridor



Internal paint – Classroom no. 15



Internal paint – Classroom no. 15



Internal paint – Classroom no. 13



Internal paint – Classroom no. 21



Internal paint – Classroom no. 22



Internal paint – Classroom no. 23



Rehabilitation of wooden door: Handles and locks – Classrooms no. 14,15,17,18,21,22





New wooden door for cubicle: louvers – Boys toilets



Rehabilitation of wooden door – Boys toilets Entrance



Rehabilitation of aluminum windows – South corridor



Dismantling of Partition – Classrooms no. 13,14,15,16,17,18,19,21,23,24 and South lobby







Supply of New Institutional Furniture











EXTERNAL WORKS

External paint - Entrance



External paint - Entrance



Rehabilitation of Broken treads- Entrance







II. MECHANICAL WORKS

FIRST FLOOR

Rehabilitation of toilet: New seats cover – Teacher's toilets





Rehabilitation of toilet: New floor drain– Teacher's toilets





Rehabilitate teachers' toilets and floor drains to resolve sewage issues and improve drainage.



SECOND FLOOR

Rehabilitation of toilet: Flash Tank cover – Boys toilet



Rehabilitation of toilet: New Hose Bib – Boys toilet



Rehabilitation of toilet: Flash Tank cover – Girl's toilet



Rehabilitation of toilet: Flash Tank cover – Girl's toilet



Rehabilitation of toilet: Flash Tank cover and Seat cover – Girls toilet



Rehabilitation of toilet: New Faucet and Seat cover – Girls toilet



THIRD FLOOR

Rehabilitation of toilet: New Faucet and Seat cover – Boys toilet



Rehabilitation of toilet: New Seat cover – Boys toilet



Rehabilitation of toilet: Flash Tank cover and Seat cover – Boys toilet



EXTERNAL WORKS

Install new watering pipe for plants



Install new watering pipe for plants



Install new watering pipe for plants



III. ELECTRICAL WORKS

FIRST FLOOR

New Fan Switch- Classroom no. 4



SECOND FLOOR

New Electrical Switch – Classroom no. 9



RISKS AND RECOMMENDATIONS

During our site visit the below points were encountered:

No.	Risk	Recommendation
1	Risk of injury due to the installation of ceiling mounted fans.	Installation of wall oscillating fans.
2	Risk of fire spread due to low number of fire extinguishers.	Addition of fire extinguishers as per codes and standards.
3	Exposed cables and uncovered panelboards in various locations and the water leakage in electrical rooms.	Must be properly installed and organized.
4	Risk of students falling during going up the stairs due Concrete stair case steps are deteriorated, steel exposed and cracked.	In-situ concrete casting to repair ruined steps.

Rehabilitation of broken steps.



Exposed cables and uncovered panelboards.



Exposed cables and uncovered panelboards.



Remove Ceiling mounted fan

