



REPUBLIC OF LEBANON
COUNCIL FOR DEVELOPMENT AND RECONSTRUCTION

Lebanese Emergency Assistant Project (LEAP)
Rehabilitation of Shelters (Public Schools)

Batch 3: Lot 3

in Cazas of West Bekaa & Rachaya

DETAILED ASSESSMENT REPORT

July 2026



Rafik El - Khoury & Partners
Consulting — Engineers

REPUBLIC OF LEBANON
Council for Development and Reconstruction (CDR)
Lebanon Emergency Assistance Project (LEAP)

Detailed Site Assessment and Verification Report

Rehabilitation of Public Schools Previously Used as Collective Shelters

Batch 3-LOT 3
WEST BEKAA & RACHAYA
11 Schools



Rafik El - Khoury & Partners
Consulting — Engineers

Table of Contents

1. Introduction to Lot 3 — West Bekaa & Rachaya (CO-3).....	3
1.1 List of Schools in Lot 3.....	3
2. Reading the Assessment Tables.....	4
2.1 Room Numbering Convention.....	4
3. School-by-School Assessment.....	5
3.1 983 متوسطة الروضة الرسمية المختلطة -.....	6
3.2 989 بعلول المتوسط الرسمية.....	9
3.3 997 متوسطة المنارة الثانوية الرسمية.....	13
3.4 999 ثانوية المنارة الرسمية.....	20
3.5 1000 متوسطة الصوري الرسمية.....	24
3.6 1035 متوسطة تنورة الرسمية.....	29
3.7 1037 عين عطا المتوسطة الرسمية.....	30
3.8 1040 كوكبا المتوسطة الرسمية.....	34
3.9 1042 ضهر الاحمر المتوسطة الرسمية.....	35
3.10 1358 ثانوية المرح الرسمية.....	39
3.11 1630 ثانوية حوش الحرمة الرسمية.....	42
4. Accessibility and Ramp Provisions.....	46
4.1 External Pedestrian Ramp — Specification.....	46
5. Environmental and Social (E&S) Requirements.....	47
5.1 Environmental and Social Mitigation and Monitoring Matrix.....	47

1. Introduction to Lot 3 — West Bekaa & Rachaya (CO-3)

This report presents the consolidated detailed site assessment and verification findings for the schools assigned to Lot 3 (West Bekaa & Rachaya) under Call-Off Contract CO-3 of the Lebanon Emergency Assistance Project (LEAP). The Lot comprises eleven (11) public school buildings located across West Bekaa and Rachaya that were previously used as collective shelters during the emergency period and are now to be restored to safe, functional, and dignified educational conditions through light rehabilitation works.

Each of the assessed buildings was classified as Category 1, indicating that it is suitable for light rehabilitation and exhibits no severe structural defects. The interventions identified in this report are limited to architectural finishes, minor civil works, doors and windows, sanitary and plumbing repairs, electrical repairs, and related small-scale works necessary to restore basic functionality. No structural strengthening, major reconstruction, or works requiring land acquisition are included within the scope of this Lot.

This consolidated report is structured to present a single, unified assessment document for the entire Lot. Following this introduction and the list of schools, a dedicated section is provided for each school setting out its verified defects and required rehabilitation interventions, organized by discipline. The report concludes with the accessibility and ramp provisions and the environmental and social (E&S) requirements applicable to all schools in the Lot.

1.1 List of Schools in Lot 3

The schools included in this Lot, together with their CERD reference numbers, locations, and site visit dates, are listed in the table below.

No.	CERD #	School Name	Locality	Visit Date
1	983	متوسطة الروضة الرسمية المختلطة - 983	الروضة	14&15-7-2026
2	989	بعلول المتوسط الرسمية - 989	بعلول	14&15-7-2026
3	997	متوسطة المنارة الثانوية الرسمية - 997	المنارة	14&15-7-2026
4	999	ثانوية المنارة الرسمية - 999	المنارة	14&15-7-2026
5	1000	متوسطة الصويري الرسمية - 1000	الصويري	14&15-7-2026
6	1035	متوسطة تنورة الرسمية - 1035	تنورة	14&15-7-2026
7	1037	عين عطا المتوسطة الرسمية - 1037	عين عطا	14&15-7-2026
8	1040	كوكبا المتوسطة الرسمية - 1040	كوكبا	14&15-7-2026
9	1042	ضهر الاحمر المتوسطة الرسمية - 1042	ضهر الاحمر	14&15-7-2026
10	1358	ثانوية المرج الرسمية - 1358	المرج	13/07/2026
11	1630	ثانوية حوش الحريمة الرسمية - 1630	حوش الحريمة	14&15-7-2026

2. Reading the Assessment Tables

The following tables present the verified defects and required rehabilitation interventions, organized by discipline. Each item references the corresponding BOQ item number used in the priced Bill of Quantities provided in the appendix.

2.1 Room Numbering Convention

Throughout this report, room numbers are assigned sequentially per floor. On each floor, counting begins upon exiting the staircase and proceeds from the right-hand side to the left. Room references shown in the tables below (e.g., "1-2-3-4") follow this convention.

3. School-by-School Assessment

3.1 983 متوسطة الروضة الرسمية المختلطة -

CERD Number	983
Locality	الروضة
Locality / Lot	الروضة — Lot 3 (CO-3)
Site Visit Date	14&15-7-2026
Coordinates	33°44'46.7"N 35°52'43.1"E
School Focal Point	محمد السيد
Accessibility / Ramp	no

Verified Defects and Required Interventions

Finishing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets: boys	Paint	15	m2	9.5.1	
1st	Toilets	Paint external walls	120	m2	9.5.4	
1st	1-2-3-4-5-6-7-8-9-10-11	Paint	935	m2	9.5.1	
1st	Kitchen	Paint	85	m2	9.5.1	
2nd	1-2-3-4-5-6-7-8-9-10-11	Paint	935	m2	9.5.1	

Metal

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st		Paint metal door	4	m2	5.2	
1st		Glass	1	pcs	5.2	—

Wood Doors

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	6-7-8-9-10-11	Repair & paint wooden doors (x6 doors - x1 in each class)	24	m2	8.1.3	—
2nd	1-2-3-4-5-6-7-8-9-10-11	Paint wooden doors (x11 doors - 1 in each class)	44	m2	8.1.3	—
2nd	10	Doors Handles (2)	2	pcs	8.1.3	—

Waterproofing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	6-7-8-9-10-11	Repair leakage of water	65	m2	7.3	—
2nd	5	Repair leakage of water	3	pcs	7.3	

Mechanical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets: boys - girls	Faucets (x4 in boys wc - x2 in girls wc)	6	pcs	5.6	—
1st	Toilets: boys	Complete washbasin set	1	pcs	1.2.1	—
1st	Toilets: Handicapped	Toilet seat Lid	1	pcs	1.2.1	
2nd	Toilets	Repair & maintenance of sanitary			1.2.1	—

Electrical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1	New electrical socket	1	pcs	1.1.3	—
2nd	7-8-9-	Electrical outlet	3	pcs	1.1.3	—
2nd		Lamps	8	pcs	1.1.1	—

3.2 989 - بعول المتوسط الرسمية

CERD Number	989
Locality	بعول
Locality / Lot	بعول — Lot 3 (CO-3)
Site Visit Date	14&15-7-2026
Coordinates	33°35'31.7"N 35°44'52.7"E
School Focal Point	إحسان حسين محمود
Accessibility / Ramp	Ability for handicapped

Verified Defects and Required Interventions

Finishing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Entrance Hall	Paint	85	m2	9.5.1	—
1st	Indoor Playground (15x 15m)	Paint	180	m2	9.5.1	
2nd	1-2-3-4-5-6	Paint	510	m2	9.5.1	
2nd	2	Repair of ceramic floor tiling (30 × 30 cm), approximately 374 tiles (33.7 m²).	35	m2	9.2.1	
2nd		Repair of ceramic floor tiling (30 × 30 cm), approximately 200 tiles	20	m2	9.2.4	
2nd	Coridor (25x2.5m)	Paint	170	m2	9.5.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
2nd	Open Space (30x15 m)	Paint	270	m2	9.5.1	
Staircase		Paint staircase walls	50	m2	9.5.1	

Aluminum

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1	Repair aluminum windows	4	pcs	8.2.3	—
1st	Indoor Playground	Repair aluminum windows	7	pcs	8.2.3	—
2nd	1-2-3-4-5-6	Repair aluminum windows	4	pcs	8.2.3	—

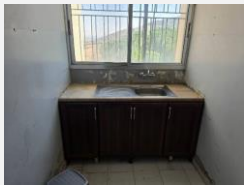
Wood Doors

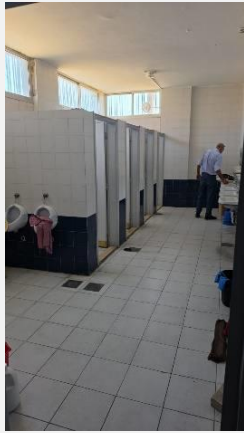
Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets: boys-girls	Paint wooden doors (x4 in each toilet)	32	m2	8.1.3	
1st	Toilets: boys-girls	Doors Handles (x8 in each toilet)	16	pcs	8.1.3	
1st	Toilets: boys-girls	Doors Lock (x4 in each toilet)	8	pcs	8.1.3	—
1st	1	Handles	2	pcs	8.1.3	—
1st	1	Lock	1	pcs	8.1.3	—
1st	Entrance Door	Lock for entrance door	1	pcs	8.1.3	—
2nd	1-2-3-4-5-6	Paint wooden door + frame (x1 in each class)	24	m2	8.1.3	—
2nd	Toilets: girls	Install new wooden door	1	pcs	8.1.1	
2nd	Toilets: girls-boys	Paint wooden doors + frame (x4 doors in each toilet)	32	m2	8.1.3	
2nd	Toilets: girls-boys	Doors Handles (x8 in girls wc - x10 in boys wc)	18	pcs	8.1.3	—

Waterproofing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Boiler/Heating room	Water leakage is occurring in the boiler/heating rooms due to leakage from the bathrooms located directly above	10	m2	7.2	 

Mechanical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets: boys	Replacement/maintenance of sanitary hose	1	pcs	1.2.1	—
1st	Toilets: boys-girls	Faucet (x2 in boys wc and x2 in girls wc)	4	pcs	5.6	
1st	Toilets: girls	Repair of Sanitary	1	pcs	1.2.1	
1st	Sink	Repair	1	pcs	1.2.1	
2nd	Sink	Repair	1	pcs	1.2.1	
2nd	Toilets: girls	Install new Faucets	4	pcs	5.6	—
2nd	Toilets: girls-boys	Repair & maintenance of sanitary/plumbing		LS	1.2.1	—

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
2nd	Toilets: boys	New complete toilet seat set	1	pcs	1.2.1	

Electrical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Entrance Hall	Lamps	20	pcs	1.1.1	
2nd	Coridor	Lamps	15	pcs	1.1.1	—
2nd	Coridor	Neon Lamps	30	pcs	1.1.1	

Accessories

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1	Curtains	2	pcs	10.5	—
2nd	1-2-3-4-5-6	Curtains (x2 in each room)	12	pcs	10.5	—
2nd	2	Replacement of plastic curtains	85	m2	10.5	

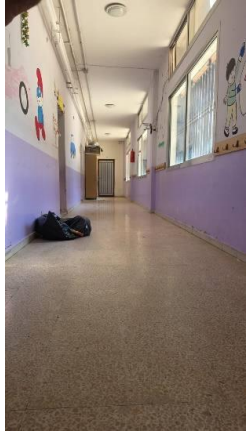
3.3 997 متوسطة المنارة الثانية الرسمية - 997

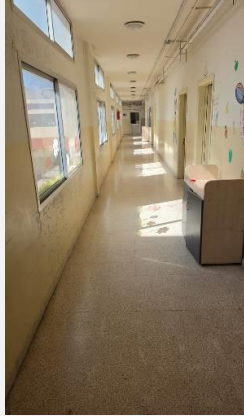
CERD Number	997
Locality	المنارة
Locality / Lot	المنارة — Lot 3 (CO-3)
Site Visit Date	14&15-7-2026
Coordinates	Bekaa - 33°39'00.5"N 35°53'08.3"E
School Focal Point	زياد محمد رحال
Accessibility / Ramp	Ability for handicaps

Verified Defects and Required Interventions

Finishing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Entrance	Exterior Facade	Paint	200	m2	9.5.4	
Classes	Walls of classes	Detoriation in walls in classes, due to bombings		LS	9.1.2 & 9.5.1	—
Ground Floor	Entrance - Hallway	Paint all walls	150	m2	9.5.1	 
Ground Floor	1-2-3-4-5-6-7	Paint	595	m2	9.5.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Ground Floor	Coridor (30 x2m)	Paint	250	m2	9.5.1	
Ground Floor	Outdoor Playground	Paint all external walls in the outdoor playground	500	m2	9.5.4	  
Ground Floor	Indoor Playground (25x 15m)	Paint	650	m2	9.5.1	 

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19	Paint	1615	m2	9.5.1	
1st	Coridor -1	Paint	360	m2	9.5.1	
1st	Coridor: 2-3-4 (Coridor-2: 20x1.5 m Coridor-3: 30x1.5 m Coridor-4: 10x3m)	Paint	500	m2	9.5.1	 

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
						
1st	Kitchen	Paint	85	m2	9.5.1	
1st	Toilets	Paint	35	m2	9.5.1	
2nd	1-2-3-4-5-6-	Paint	510	m2	9.5.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
2nd	Coridor (15x 3m)	Paint	150	m2	9.5.1	
2nd	Staircase	Paint walls	50	m2	9.5.1	

Metal

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Ground Floor	Metal Gate	Paint metal gate	4	pcs	5.2	
Ground Floor	Entrance metal gate	Paint entrance metal gate	1	pcs	5.2	
Ground Floor	Metal Gate	Paint metal gate	1	pcs	5.2	
Ground Floor	Metal Gate	Paint metal gate	1	pcs	5.2	
Ground Floor	1-2-3-4-5-6-7	Paint metal door	28	m2	5.2	—

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1-2-3-4-5-6	Paint metal doors (x1 in each class)	6	pcs	5.2	—
1st	Corridor -1	Paint metal balustrade	35	lm	5.5	—

Aluminum

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
All Classes / Hallways	Aluminum windows	Maintenance of all aluminum windows in all corridors and classrooms (maintenance of the window rollers)	25	Pcs	8.2.3	—

Wood Doors

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Ground Floor	Indoor Playground	Repair frame of wooden doors	2	pcs	8.1.3	—
Ground Floor	Indoor Playground	Install new wooden doors	2	pcs	8.1.1	—
Ground Floor	Toilets	Paint wooden doors (x5)	20	m2	8.1.3	—
Ground Floor	Toilets	Paint metal doors (x4)	16	m2	8.1.3	—
Ground Floor	Toilets	Paint entrance door (x1)	4	m2	8.1.3	—
Ground Floor	Toilets	Handles for wooden doors	10	pcs	8.1.3	
Ground Floor	Toilets: girls-boys	Paint wooden doors (x3 in girls wc - x1 in boys wc)	4	pcs	8.1.3	—
Ground Floor	Toilets: girls-boys	Replace full wooden door (x1 in each wc)	2	pcs	8.1.1	—
Ground Floor	Toilets: girls	Handles for doors (x2 for each door)	4	pcs	8.1.3	—
1st	7-8-9-10-11-12-13-14-15-16-17-18-19	Paint wooden doors + frame (x1 in each class)	52	m2	8.1.3	
2nd	1-3-4-5-6	Paint wooden doors + frame (x1 in each class)	20	m2	8.1.3	—
2nd	2	Replace entire wooden door	1	pcs	8.1.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
2nd	3	Repair or replace frame of wooden door	1	pcs	8.1.3	

Waterproofing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Roof / and between the 2 buildings		Leakage Problem caused by displaced people	200	m2	7.1	—

Mechanical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Sanitary/ Plumbing		Repair of maintenance of School's Sanitary and plumbing damaged due to displaced people		LS	1.2.1	—
Ground Floor	Indoor Playground	Washbasin unit 01: Install new Faucets	13	pcs	5.7	—
Ground Floor	Indoor Playground	Washbasin unit 02: Install new Faucets	9	pcs	5.7	
Ground Floor	Washbasins unit 03	Install new Faucets	7	pcs	5.7	
1st	Kitchen	Faucet	3	pcs	5.7	—

Electrical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Ground Floor	Toilets	Lamps	40	pcs	1.1.1	—

3.4 ثانوية المناره الرسميه - 999

CERD Number	999
Locality	المنارة
Locality / Lot	المنارة — Lot 3 (CO-3)
Site Visit Date	14&15-7-2026
Coordinates	Bekaa - 33°38'59.1"N 35°53'05.8"E
School Focal Point	عبد العليم ابو شاهين
Accessibility / Ramp	Ability for handicaps

Verified Defects and Required Interventions

Finishing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Exterior building		paint the exterior elevations of the buildings ??	1250	m2	9.5.4	 
1st	1-2-3-	Paint	255	m2	9.5.1	
1st	Coridor (30 x2m + 20x 2m)	Paint	400	m2	9.5.1	
1st	Indoor Playground (20×10m)	Paint	350	m2	9.5.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Staircase	Paint walls	40	m2	9.5.1	
2nd	1-2-3-4-5-6-7-8-9	Paint	765	m2	9.5.1	
2nd	Coridor (30x2m + 20x2m)	Paint	400	m2	9.5.1	—
3rd	1-2-3-4-5-6-7-8-9-10	Paint	850	m2	9.5.1	
3rd	1-2-3-4-5-6-7-8-9-10	Repair Plaster around the door's frame	10 & 200 m2	classes	9.1.2 & 9.5.1	—
3rd	Coridor (30x2m + 20x2m)	Paint	400	m2	9.5.1	—
Staircase		Paint walls	50	m2	9.5.1	

Aluminum

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
3rd		Lock for aluminum door	1	pcs	8.2.3	—

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Staircase		Repair aluminum windows	6	pcs	8.2.3	

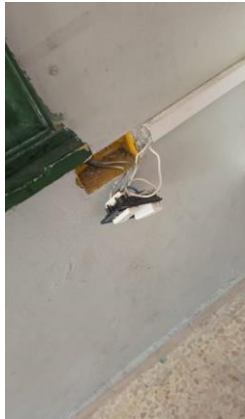
Wood Doors

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets	Replace full wooden doors	5	pcs	8.1.1	—
2nd	1-2-3-4-5-6-7-8-9	Paint wooden doors	36	m2	8.1.3	—
3rd	1-2-3-4-5-6-7-8-9-10	Paint wooden doors (x1 in each class)	40	m2	8.1.3	—
3rd	Toilets	Repair or replace frame of wooden door	1	pcs	8.1.3	
3rd	Toilets	Paint wooden doors	4	pcs	8.1.3	—
3rd		Door Lock	1	pcs	8.1.3	—

Mechanical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets	Repair of washbasin drain assembly/ plumbing		LS	1.2.1	—

Electrical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
3rd		Repair and maintenance of an electrical outlet	1	pcs	1.1.3	

Accessories

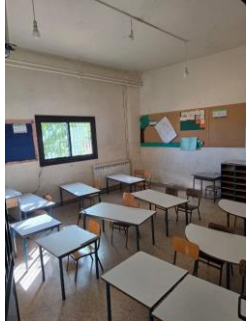
Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
2nd	7-8-9-	Curtains for windows (x2 in each class)	6	pcs	10.5	
3rd	10	Curtains for windows	2	pcs	10.5	
3rd		Curtain	1	pcs	10.5	—

3.5 1000 - متوسطة الصويري الرسمية

CERD Number	1000
Locality	الصويري
Locality / Lot	الصويري — Lot 3 (CO-3)
Site Visit Date	14&15-7-2026
Coordinates	Bekaa - 33°41'26.4"N 35°54'15.3"E
School Focal Point	ميساء صالحة
Accessibility / Ramp	Ability for handicapped

Verified Defects and Required Interventions

Finishing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1-2-3-4-5	Paint	425	m2	9.5.1	
1st	Indoor playground	Paint	120	m2	9.5.1	—
1st	Toilets: girls	Paint	35	m2	9.5.1	—
1st	Coridor (40 x 1.5m)	Paint	300	m2	9.5.1	
1st	Staircase	Paint Walls	50	m2	9.5.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
2nd	1-2-3-4-5-6	Paint	510	m2	9.5.1	
2nd	Coridor (35 x 1.5m)	Paint	280	m2	9.5.1	
3rd	1-2-3-4-5-6	Paint	510	m2	9.5.1	
3rd	Coridor (35x 1.5m)	Paint	280	m2	9.5.1	

Metal

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1-2-3-4-5	Paint metal door	5	pcs	5.2	—

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	2	Lock for metal door	1	pcs	5.2	
1st	4	Glasses	2	pcs	5.2	—
1st	4	Window Handles	2	pcs	5.2	—
1st	Indoor playground	Glasses	3	pcs	5.2	—
1st	Indoor playground	Window Handles	3	pcs	5.2	—
1st	Toilets: boys	Handles for metal door (x1 in boys wc - x3 in girsl wc)	4	pcs	5.2	—
1st	Toilets: boys - girls	Lock for metal doors (x1 in boys wc - x3 in girsl wc)	4	pcs	5.2	—
2nd	1-2-3-4-5-6	Paint metal door	6	pcs	5.2	—
3rd	1-2-3-4-5-6	Paint metal door	6	pcs	5.2	—
3rd	4-5-6-	Glass for the window section of a metal door	3	pcs	5.2	—

Aluminum

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
2nd	Coridor (35 x 1.5m)	Repair aluminum windows (problem in rollers: stuck and not opening)	10	pcs	8.2.3	—
2nd	Coridor	glass for aluminum window	1	pcs	8.2.3	
3rd	Coridor (35x 1.5m)	Repair aluminum windows (problem in rollers: stuck and not opening)	7	pcs	8.2.3	—

Waterproofing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
All School	all classes / walls	Severe deterioration in walls, due to bombings in almost all the school, which is causing a leakage problem as well.	400	m2	7.1	

Mechanical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets: boys	Install new flush system for toilet seat	1	pcs	1.2.1	
1st	Toilets: boys	Install new faucet	1	pcs	5.6	—
1st	Toilets: girls	New complete toilet seat set	1	pcs	1.2.1	

Electrical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Indoor playground	Lamps	7	pcs	1.1.1	—
2nd	Coridor	Lamps	9	pcs	1.1.1	—
3rd	Coridor (35x 1.5m)	Lamps	9	pcs	1.1.1	—

Accessories

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1-2-3-4-5	New white board	5	pcs	10.2.1	—
2nd	1-2-3-4-5-6	New white board	6	pcs	10.2.1	—
3rd	1-2-3-4-5-6	New white board	6	pcs	10.2.1	—

Equipment

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Indoor playground	Floor Carpet 7*14m	1	pcs	11.1	

Heating system

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
All school	Radiators	Possibility of repair and maintenance of dysfunctional radiators units		LS	1.2.2	

3.6 1035 - متوسطة تنورة الرسمية

CERD Number	1035
Locality	تنورة
Locality / Lot	تنورة — Lot 3 (CO-3)
Site Visit Date	14&15-7-2026
Coordinates	Bekaa- 33°28'19.9"N 35°48'08.5"E
School Focal Point	أحمد حسن حمود
Accessibility / Ramp	there is a ramp for disabled people

Verified Defects and Required Interventions

Finishing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Staircase		Paint walls	50	m2	9.5.1	
1st	1-2-3-4-5-6-7	Paint walls	595	m2	9.5.1	
1st (60x3m)	Coridor	Paint	550	m2	9.5.1	

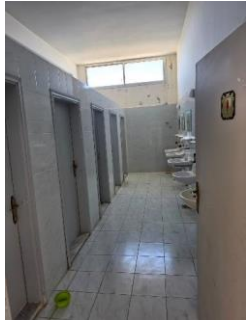
Accessories

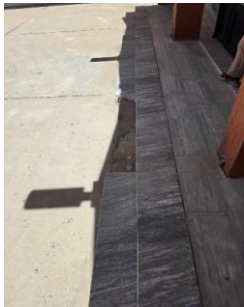
Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1-2-3-4-5-6-7	New white board	7	pcs	10.2.1	—

3.7 1037 - عين عطا المتوسطة الرسمية

CERD Number	1037
Locality	عين عطا
Locality / Lot	عين عطا — Lot 3 (CO-3)
Site Visit Date	14&15-7-2026
Coordinates	Bekaa - 33°25'55.2"N 35°46'33.1"E
School Focal Point	دنيا حسن ابو ابراهيم
Accessibility / Ramp	Ability for handicaps

Verified Defects and Required Interventions

Finishing						
Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Ground Floor	Indoor Playground-1	Paint walls	500	m2	9.5.1	
Ground Floor	Indoor Playground-2	Paint walls	300	m2	9.5.1	
Ground Floor	Toilets: girls-boys	Paint walls	70	m2	9.5.1	 

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
	Staircase	Paints walls	45	m2	9.5.1	
		Repair of floor tiling	50	m2	9.2.4	
1st	1-2-3-4-5	Paint	425	m2	9.5.1	
2nd	1-2-3-4-5-6-7-8-9-10 - Salon	Paint	935	m2	9.5.1	
2nd	Coridor (25x4m 25x4m 30x4m)	Paint	850	m2	9.5.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
3rd	1-2-3-4-5-6-7-8-9-10-Salon	Paint	935	m2	9.5.1	
Coridor	Coridor (25x4m 25x4m 30x4m)	Paint	850	m2	9.5.1	—

Metal

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Ground Floor	Indoor Playground-1	Glasses for the window section of the door	10	pcs	5.2	
Ground Floor	Toilets: boys	Paint entrance metal door	1	pcs	5.2	
Ground Floor	Toilets: boys	Glasses for entrance metal door	4	pcs	5.2	—

Aluminum

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Ground Floor	Indoor Playground-1	Repair all aluminum windows as they are causing water leakage	100	m2	8.2.3	
1st	1-2-3-4-5	Repair all aluminum windows as they are causing water leakage	20	pcs	8.2.3	—
2nd	1-2-3-4-5-6-7-8-9-10	Repair all aluminum windows as they are causing water leakage	40	pcs	8.2.3	—
3rd	1-2-3-4-5-6-7-8-9-10	Repair all aluminum windows as they are causing water leakage	40	pcs	8.2.3	—
Coridor		Repair all aluminum windows as they are causing water leakage	10	pcs	8.2.3	—

Wood Doors

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Ground Floor	Toilets: boys	Paint wooden door	4	m2	8.1.3	—

Mechanical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Ground Floor	Toilets: girls - boys	Faucet (x2 in girls wc - x1 in boys wc)	3	pcs	5.6	—
Ground Floor	Toilets: girls-boys	Install new flush sytem for toilet seat (x5 in each wc)	10	pcs	1.2.1	—

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
2nd	Toilets	Complete Toilet Seat Set	1	pcs	1.2.1	
All school	Sanitary Drainage	Repair and maintenance Sanitary drainage issue		LS	1.2.1	—
All school	Radiators	Repair and maintenance of radiators units		LS	1.2.2	—

3.8 1040 - كوكبا المتوسطة الرسمية

CERD Number	1040
Locality	كوكبا
Locality / Lot	كوكبا — Lot 3 (CO-3)
Site Visit Date	14&15-7-2026
Coordinates	Bekaa - 33°31'30.2"N 35°46'50.9"E
School Focal Point	سميح ابو غوش
Accessibility / Ramp	Ability for handicaps

Verified Defects and Required Interventions

Mechanical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Washbasins unit	Install new faucets	2	pcs	5.7	
3rd	Toilets	Install new faucet	1	pcs	5.7	—

Electrical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st		Lamps	25	pcs	1.1.1	—

Accessories

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
3rd	1-Class for kids with special needs in hearing	Repair and maintenance of acoustic insulated walls: This room is used for children with hearing special needs, the walls are acoustic insulated walls (sound-insulated), rather than standard concrete or masonry walls.	65	m2	10.7	

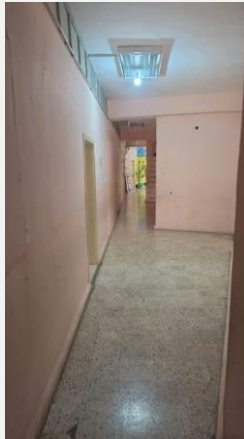
3.9 1042 - ضهر الاحمر المتوسطة الرسمية

CERD Number	1042
Locality	ضهر الاحمر
Locality / Lot	ضهر الاحمر — Lot 3 (CO-3)
Site Visit Date	14&15-7-2026
Coordinates	Bekaa - 33°31'47.1"N 35°50'04.8"E
School Focal Point	ميناس نصر
Accessibility / Ramp	Ability for handicaps

Verified Defects and Required Interventions

Finishing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
All School	all classes / walls	Severe deterioration in walls, due to bombings in almost all the school, which is causing a leakage problem as well.		LS	9.1.2 & 9.5.1	 
1st	1-2-3-4-5-6-7-8-9	Paint	765	m2	9.5.1	
1st	Theater	Paint	285	m2	9.5.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Corridor (70× 5m)	Paint	800	m2	9.5.1	
1st	Kitchen	Paint	40	m2	9.5.1	—

Metal

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st		Glass	1	pcs	5.2	
1st		Lock	1	pcs	5.2	—

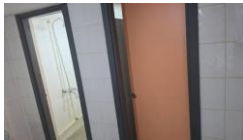
Aluminum

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets	Replace full aluminum door	1	pcs	8.2.2	

Wood Doors

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1-2-3-4-5-6-7-8-9	Paint wooden doors	36	m2	8.1.3	—
1st	Toilets	Doors Handles	8	pcs	8.1.3	—
1st	Toilets	Lock	4	pcs	8.1.3	—
1st	Kitchen	Cabinets door	5	pcs	6.1.1	—

Mechanical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets	Install new flush system for toilet seat	1	pcs	1.2.1	
1st	Toilets	Replacement of exhaust fan	1	pcs	1.2.2	
1st	Toilets	Faucet	1	pcs	5.6	

Electrical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
		Repair or replace Solar panel batteries		LS	8.1	—
1st	1-3-4-5-6-7-8-9	Repair and maintenance of an electrical outlet (x1 in class1 - x4 in class3 - x3 in class4, 6, 7, 8, 9 - x2 in class5)	22	pcs	1.1.3	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1	Repair Projector mount box	1	pcs	1.1.9	
1st	2-	Cache Cable	1	pcs	1.1.2	—
1st	Toilets	Lamp	1	pcs	1.1.1	—
1st	Toilets	Repair and maintenance of electrical boxes	8	pcs	1.1.3	—
1st	Coridor	Repair and maintenance of electrical boxes	8	pcs	1.1.3	—

Accessories

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	2-3-4-5-6-7-8-9	New white board	9	pcs	10.2.1	
1st	1-2-3-4-5-6-7-8-9	Curtains for windows in all classes (x2 in each class)	18	pcs	10.5	

3.10 ثانوية المرج الرسمية - 1358

CERD Number	1358
Locality	المرج
Locality / Lot	المرج — Lot 3 (CO-3)
Site Visit Date	13/07/2026
Coordinates	33°45'40.2"N 35°52'52.4"E
School Focal Point	احمد عمر الشموري
Accessibility / Ramp	Ability for handicaps

Verified Defects and Required Interventions

Finishing

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
2nd	1-2-3-4-5	Paint	425	m2	9.5.1	
2nd	Coridor (3×30m)	Paint	290	m2	9.5.1	
2nd	Staircase	Paint staircase walls	50	m2	9.5.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
3rd	1-2-3-4-5-6-7	Paint	595	m2	9.5.1	
3rd	Corridor (3×30m)	Paint	290	m2	9.5.1	—
4th	1-2-3-4-5-6-7	Paint	595	m2	9.5.1	
4th	Corridor (3×30m)	Paint	290	m2	9.5.1	—

Wood Doors

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets: girls-	Repair frame of wooden door	1	pcs	8.1.3	—

Mechanical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets: boys-girls	Flushing system for toilet seat (x3 in boys wc and x3 in girls wc)	6	pcs	1.2.1	
1st	Toilets: boys-	Install complete set of toilet seat	1	pcs	1.2.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
All Shool		Possibility of proving new Fire extinguisher.	25	pcs	4.1	

Accessories

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
2nd	1-2-3-4-5	New White board (x2 in each class)	10	pcs	10.2.1	—
2nd	1-2-3-4-5	Curtains for windows (x2 in each class)	10	pcs	10.5	—
3rd	1-2-3-4-5-6-7	New white board (x2 in each class)	14	pcs	10.2.1	—
3rd	1-2-3-4-5-6-7	Curtains for windows (x2 in each class)	14	pcs	10.5	—
4th	1-2-3-4-5-6-7	Curtains for windows (x2 in each class)	14	pcs	10.5	—
4th	1-2-3-4-5-6-7	New white board (x2 in each class)	14	pcs	10.2.1	—

3.11 ثانوية حوش الحرمة الرسمية - 1630

CERD Number	1630
Locality	حوش الحرمة
Locality / Lot	حوش الحرمة — Lot 3 (CO-3)
Site Visit Date	14&15-7-2026
Coordinates	33°43'19.5"N 35°51'15.9"E
School Focal Point	هلا عبده رباح
Accessibility / Ramp	Ability for handicapped

Verified Defects and Required Interventions

Finishing

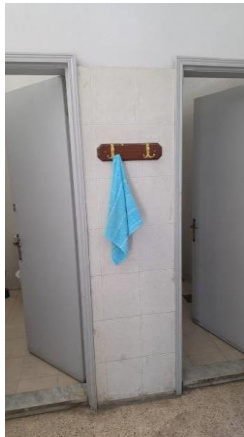
Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Kitchen	Paint	55	m2	9.5.1	
1st	Toilets	Replace broken ceramics tile	3	pcs	9.2.4	
1st	Toilets-Kids	Replace broken ceramics tile	9	pcs	9.2.4	—
1st	Coridor (60x2.5m)	Paint	480	m2	9.5.1	—
1st	Staircase	Paint	50	m2	9.5.1	—
2nd	1	Paint	85	m2	9.5.1	
3rd	1-2-3-4-5-6-7	Paint	595	m2	9.5.1	

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
3rd	Corridor (30x3 m)	Paint	280	m2	9.5.1	

Aluminum

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1-2-3-4-5-6-7	Rapair aluminum windows	7	pcs	8.2.3	—
1st	Staircase	Glasses	2	pcs	8.2.3	—

Wood Doors

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets	Paint wooden doors (x2)	8	m2	8.1.3	
1st	1-2-3-4-5-6-7	Paint wooden doors (x1) in each class	28	m2	8.1.3	—
1st	1-2-3-4-5-6-7	Door's Lock	7	pcs	8.1.3	—
1st	1-2-3-4-5-6-7	Repair Door's Handles	7	pcs	8.1.3	—
2nd	1	Paint wooden doors (x1)	4	m2	8.1.3	—
3rd	1-2-3-4-5-6-7	Paint wooden doors (x1 in each class)	28	m2	8.1.3	—

Mechanical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Kitchen	Faucet	1	pcs	5.6	—
1st	Kitchen	Repair & maintenance of sanitary of the sink	1	pcs	1.2.1	—

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	Toilets	New Complete toilet seat set	2	pcs	1.2.1	
1st	Toilets	Replacement of washbasin	1	pcs	5.4	
1st	Toilets-Kids	New flush system for toilet seats	3	pcs	1.2.1	
2nd	1	Diesel Sobyas	1	pcs	1.2.2	—
2nd	Toilets	Install new flush system for toilet seat	3	pcs	1.2.1	—
3rd	1-2-3-4-5-6-7	Diesel Sobyas	7	pcs	1.2.2	—
3rd	Toilets	Install new flush system for toilet seat	3	pcs	1.2.1	
3rd	Toilets	Faucet	1	pcs	5.6	—

Electrical

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
Energy		Repair & maintenance of Solar Panel batteries overused by the the displaced people		LS	8.1	—
1st	1-2-3-4-5-6-7	Electrical socket outlet (x3 in each class)	21	pcs	1.1.3	—

Accessories

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
1st	1-2-3-4-5-6-7	New white board	7	pcs	10.2.1	—
2nd	1	New white board	1	pcs	10.2.1	—
2nd	1	Curtains (x2)	2	pcs	10.5	—

Floor	Room / Area	Defect Description / Required Works	Qty	Unit	BOQ	Photo
3rd	1-2-3-4-5-6-7	New white board	7	pcs	10.2.1	—
3rd	1-2-3-4-5-6-7	Curtains (x2 in each class)	14	pcs	10.5	—
3rd	Coridor	Curtains	6	pcs	10.5	—

4. Accessibility and Ramp Provisions

Accessibility improvements for persons with disabilities are integrated into the rehabilitation works of this Lot, in accordance with the project methodology and the applicable environmental and social requirements. Particular attention is given to barrier-free access to the ground floor where possible, accessible sanitation facilities where feasible, and the safe and dignified use of communal and sanitation areas. Accessibility interventions are limited to measures that facilitate access to ground-floor facilities and sanitation units, where technically feasible and identified through the engineering assessment of each school. The accessibility status and ramp availability recorded for each school are indicated in the respective school information tables in Section 3.

4.1 External Pedestrian Ramp — Specification

Where an external pedestrian ramp is required, the works shall conform to the following specification.

External pedestrian ramp as per approved shop drawing to be submitted by the contractor based on site levels and conditions.

Work to include:

- Remove parts of sidewalk including curbstone and existing tiles;
- Remove the debris to outside the site;
- Supply and install concrete curbstone for the ramp;
- Supply and install floor tiles identical to the existing with mortar and all layers;
- All needed items as per the Engineer instructions.

5. Environmental and Social (E&S) Requirements

The rehabilitation works under this Lot shall be implemented in full compliance with the Environmental and Social (E&S) requirements of the Lebanon Emergency Assistance Project, including the Environmental and Social Management Plan (ESMP) Checklist, the Labor Management Procedures (LMP), and the applicable occupational health and safety (OHS) obligations. The Contractor shall integrate the mitigation and management measures set out below into site planning and daily operations for every school in the Lot. The Supervising Consultant shall verify implementation and report any non-compliance to the PMU.

5.1 Environmental and Social Mitigation and Monitoring Matrix

The following matrix sets out the environmental and social risks identified during screening and the corresponding mitigation and management measures, responsibilities, and monitoring measures applicable to the rehabilitation works.

ESS / Screening Finding	Potential Risks and Impacts	Mitigation and Management Measures	Responsibility	Monitoring Measures
ESS1 – Scope Control and Excluded Activities	Expansion beyond approved rehabilitation scope may result in unassessed environmental and social risks.	- Activities shall remain limited to approved rehabilitation works within existing schools. - Any change in scope shall be reviewed by the PMU prior to implementation.	PMU / MEHE	Supervision records; scope verification; PMU approval documentation
ESS1 – Rehabilitation Activities within Existing Schools	Minor rehabilitation activities may generate temporary environmental and social impacts.	- Implement all works in accordance with this ESMP Checklist - Apply good housekeeping practices - Minimize disturbance to surrounding areas - Protect school facilities from damage - Restore areas following completion - Coordinate with school administration	Contractor	Site inspections; environmental monitoring; completion inspections
ESS1 – Vulnerable Groups and Accessibility	Schools serve children, persons with disabilities, and vulnerable communities.	- Maintain safe and unobstructed access to school facilities during works, to the extent feasible. - Avoid creating additional barriers for persons with disabilities. - Where existing accessible routes or facilities are available, ensure they are not obstructed by works, materials or equipment. - Consider feasible accessibility improvements within the scope of rehabilitation works. - Maintain accessible stakeholder engagement and grievance mechanisms.	Contractor / PMU / MEHE	Community feedback, grievance logs
ESS2 – Child Labor, Forced Labor and Labor Standards	Potential labor non-compliance by contractors.	- Prohibit child labor and forced labor. - Comply with Lebanese labor legislation and LMP requirements. - Verify worker age documentation. - Maintain worker registration records - Conduct random worker interviews	Contractor / PMU	Labor records; worker interviews; PMU audits
ESS2 – Workforce Management	Contractor and subcontractor workforce management risks.	- Apply Labor Management Procedures (LMP). - Provide worker induction. - Inform workers about and facilitate access to the Project's Grievance Mechanism (GM). - Ensure fair treatment of all workers - Provide appropriate working conditions - Monitor contractor labor compliance	Contractor / PMU	Training records; grievance records; PMU audits
ESS2 – Occupational Health and Safety (General)	Injuries associated with rehabilitation activities.	SITE-SPECIFIC OHS PLANNING: - Prepare site-specific OHS plans for each school - Conduct risk assessments covering all activities - Identify and document all hazards - Implement hierarchy of controls (eliminate, substitute, engineer, administer, PPE) - Review and update OHS plans as conditions change SAFETY TRAINING: - All workers shall receive site induction training before starting work - Daily toolbox talks shall be conducted before work commences - Specialized training shall be provided for: - Work at height - Electrical safety - Manual handling - Hazardous materials awareness - First aid and emergency response - Fire safety	Contractor	OHS inspections; incident logs; training records; PMU audits

ESS / Screening Finding	Potential Risks and Impacts	Mitigation and Management Measures	Responsibility	Monitoring Measures
		• Training records shall be maintained PERSONAL PROTECTIVE EQUIPMENT: • Provide and ensure use of appropriate PPE: - Hard hats (where overhead hazards exist) - Safety boots with steel toes - High-visibility vests - Safety glasses or goggles - Gloves appropriate to task - Hearing protection (where required) - Respiratory protection (where required) - Harnesses and lanyards (for work at height) • PPE shall meet applicable standards • PPE shall be inspected daily and replaced when damaged • Workers shall be trained in proper PPE use, care, and limitations EMERGENCY PREPAREDNESS: • Establish site-specific emergency response procedures • Post emergency contact numbers prominently • Pre-identify nearest hospitals and clinics • Maintain communication systems (phones, radios) • Conduct regular emergency drills INCIDENT REPORTING: • Report all incidents (including near misses) • Investigate incidents to determine root causes • Implement corrective actions • Report serious incidents to PMU within 24 hours		
ESS2 – Work at Height and Ladder Safety	Falls from ladders during painting, ceiling repairs, lighting replacement, or similar works.	• Ladders shall be industrial grade, in good condition, and inspected daily before use • Ladders shall be placed on stable, level surfaces • Ladders shall extend at least 1 meter above the working platform • Workers shall maintain three-point contact when climbing • Work at height exceeding 2 meters shall require fall protection (guardrails, safety harnesses, or other approved systems) • No work at height exceeding 4 meters shall be permitted without a certified scaffold or elevated work platform • Workers shall be trained in safe ladder and scaffold use • Tool lanyards shall be used to prevent dropped objects	Contractor	Daily ladder inspections by supervisor; weekly inspections by competent person; site inspections by supervising engineer
	Falls from scaffolding	• Scaffolding shall be erected by competent persons and inspected daily • Scaffolding shall meet international standards • Guardrails, mid-rails, and toe-boards shall be installed on all open sides • Scaffolding shall be secured to the building structure • Access ladders shall be provided • Scaffold inspection tags shall be displayed • No scaffolding shall be used until inspected and certified	Contractor	Inspection records; daily visual checks; weekly formal inspections
ESS2 – Electrical Works	Electric shock during minor electrical repairs	• Only qualified electricians shall perform electrical work • Lockout/tagout procedures shall be implemented before any electrical work • Electrical circuits shall be isolated, tested, and verified dead before work commences • Insulated tools shall be provided and used • Rubber matting shall be used where appropriate • Emergency first aid for electric shock shall be available	Contractor	Daily supervision; electrician certification verification; lockout/tagout documentation
	Electrical fire	• No overloading of electrical circuits • Temporary wiring shall be properly installed and protected • Fire extinguishers (Class C) shall be available • Work areas shall be kept clear of combustible materials	Contractor	Visual inspections; fire extinguisher inspection logs

ESS / Screening Finding	Potential Risks and Impacts	Mitigation and Management Measures	Responsibility	Monitoring Measures
ESS2 – Manual Handling and Musculoskeletal Injuries	Injuries from lifting construction materials	- Manual handling risk assessments shall be conducted - Mechanical aids (hand trucks, carts) shall be used where feasible - Workers shall be trained in safe lifting techniques - Loads shall be reduced where possible - Team lifting shall be used for heavy items 25kg maximum individual lifting limit (with exceptions for lighter workers)	Contractor	Training records; daily supervision; observation of work practices
	Repetitive strain injuries	- Job rotation shall be implemented - Workers shall take regular breaks - Ergonomic tools shall be provided where possible	Contractor	Break schedules; worker feedback
ESS2 – Hazardous Materials (Lead-based Paint, Asbestos, Solvents)	Exposure to solvents and paints	- Use water-based/low-VOC paints where feasible - Ensure adequate ventilation - Provide appropriate respirators - Implement material safety data sheets (MSDS) for all chemicals - Maintain chemical inventory	Contractor	MSDS records; PPE inspection; ventilation checks
ESS2 – Noise and Vibration	Hearing damage from power tools	- Workers shall use appropriate hearing protection - Tools shall be properly maintained to reduce noise - Exposure time shall be limited - Equipment with lower noise emissions shall be prioritized	Contractor	PPE inspection
ESS2 – Dust and Air Quality	Respiratory exposure to dust	- Use wet methods for cutting/grinding where feasible - Use HEPA-filtered vacuum attachments on power tools - Workers shall use appropriate respiratory protection (N-95 or better) - Work areas shall be dampened to reduce dust - Area ventilation shall be maintained	Contractor	Daily inspections; worker interviews
	Silica dust from tile cutting/grinding	- Use water suppression or vacuum attachment - Use approved respirators (N-100 or better) - Maintain housekeeping - Limit exposure time	Contractor	Equipment inspection; PPE inspection
ESS2 – Slips, Trips, and Falls	Slips on wet surfaces	- Clean up spills immediately - Use slip-resistant flooring where possible - Maintain good housekeeping - Use warning signs for wet areas	Contractor	Daily housekeeping checks
	Trips over materials	- Maintain clear walkways - Store materials properly - Remove waste regularly - Use cable protectors for temporary wiring	Contractor	Daily housekeeping checks
ESS2 – First Aid and Emergency Response	Injuries requiring first aid	- Provide at least one fully-stocked first aid kit at each worksite - At least one trained first aider shall be present on each worksite - First aid kits shall include: bandages, antiseptics, burn treatment, eye wash, splints, etc. - Emergency contact numbers shall be posted prominently - A designated person shall be responsible for first aid supplies	Contractor	First aid kit inspections; first aider certification verification
	Medical emergencies	- Establish emergency response procedures - Pre-identify nearest hospitals/clinics and routes - Arrange for transportation of injured workers - Establish communication protocols	Contractor	Emergency plan documentation; drill records
	Fire emergencies	- Provide appropriate fire extinguishers at each worksite - Maintain clear evacuation routes - Conduct fire drills - Establish assembly points	Contractor	Fire extinguisher inspections; drill records

ESS / Screening Finding	Potential Risks and Impacts	Mitigation and Management Measures	Responsibility	Monitoring Measures
ESS2 – Equal Opportunity and Non-Discrimination	Potential unequal treatment of workers.	• Apply equal opportunity principles. • Equal pay for equal work. • Confidential grievance procedures available.	Contractor	Worker interviews
ESS3 – Construction Waste Management	Generation of damaged tiles, packaging waste, paint containers, broken fixtures, and debris.	• Segregate waste streams at source • Store waste in designated areas with appropriate containment • Dispose through authorized waste management facilities • Prohibit open burning of waste • Maintain waste disposal records • Promote waste reduction and recycling where feasible • Quantify waste generation for reporting	Contractor	Waste records; inspections; disposal receipts
ESS3 – Wastewater and Liquid Discharges	Minor wastewater or liquid waste may be generated from cleaning, painting and rehabilitation activities.	• Prevent discharge of wastewater, paint residues, solvents or chemicals into drains, soil or surrounding areas. • Collect and manage liquid wastes appropriately. • Conduct cleaning in designated areas where feasible. • Immediately contain and clean accidental spills.	Contractor	Site inspections; housekeeping checks; spill/incident records
ESS3 – Hazardous Materials	Potential encounter of asbestos-containing materials or hazardous substances in older buildings.	• Stop work if hazardous materials are suspected • Engage qualified specialists for testing and abatement • Apply hazardous material procedures if confirmed • Notify PMU of any hazardous material encounter • Use appropriate PPE and controls	Contractor / PMU	Inspection reports; laboratory results; PMU notifications
ESS3 – Dust, Noise and Air Quality	Temporary nuisance impacts during rehabilitation works.	• Conduct works during daytime hours (8 AM - 5 PM) • Control dust through good housekeeping and wet methods • Maintain equipment to reduce emissions and noise • Inform communities of scheduled activities • Monitor community complaints	Contractor	Site observations; community feedback; complaint logs
ESS4 – Community Health and Safety	Temporary safety risks associated with rehabilitation works	• Delineate work areas with barriers • Install warning signs • Restrict unauthorized access • Maintain safe movement around worksites • Coordinate with communities and school administration	Contractor / PMU	Site inspections; safety audits; incident reports, PMU audits
	Community noise disturbance	• Noisy work shall be limited to normal working hours (8 AM - 5 PM) • Activities shall be coordinated with school administration • Community notification shall be provided for extended noisy work	Contractor / PMU	Complaint logs; consultation records
ESS4 – Traffic and Delivery Activities	Risks associated with delivery of materials and contractor vehicles.	• Control vehicle movements on site • Schedule deliveries appropriately to avoid peak times • Use warning signage when needed • Maintain safe vehicle movement around schools • Ensure safe loading and unloading practices	Contractor	Site supervision
ESS4 – SEA/SH Risks	Low-level SEA/SH risks associated with contractor workforce.	• Implement Codes of Conduct. • Conduct awareness sessions. • Maintain confidential reporting channels and referral pathways.	Contractor / PMU	Training records, grievance logs, Code of Conduct acknowledgment
ESS4 / ESS10 – Gender and Inclusive Engagement	Women, girls and other vulnerable groups may face barriers to accessing information, participating in consultations, raising concerns, or safely accessing affected facilities during works.	• Ensure women and vulnerable groups have equitable access to project information and consultation opportunities. • Use accessible and culturally appropriate communication methods. • Consider safety, privacy and accessibility needs of women and girls during implementation.	PMU / MEHE / Contractor, as applicable	Consultation records; sex-disaggregated participation data where applicable; stakeholder feedback;

ESS / Screening Finding	Potential Risks and Impacts	Mitigation and Management Measures	Responsibility	Monitoring Measures
		• Ensure grievance channels are accessible and confidential.		grievance records
ESS4 – Schools and Public Facilities	Rehabilitation activities may temporarily affect school premises.	• Schedule works before the academic year. • Secure work areas. • Coordinate with MEHE and school administration. • Minimize disruption to school operations • Restore facilities following completion	Contractor / MEHE	Site inspections; school feedback; coordination records
ESS5 – Land Acquisition, Restrictions on Land Use and Involuntary Resettlement	ESS5 is not triggered. No land acquisition, involuntary resettlement, or restrictions on land use are anticipated.	• Activities shall remain within existing school premises. • Any land-related issue shall be reported immediately to the PMU. • No mitigation measures required. All activities shall remain within the existing school premises.	PMU / MEHE	Site verification
ESS6 – Biodiversity and Natural Habitats	Minimal biodiversity risks anticipated.	• Confine activities to existing school premises. • Avoid unnecessary vegetation removal. • Protect any existing trees or vegetation • Restore any disturbed areas	Contractor	Site inspections
ESS7 – Indigenous Peoples	ESS7 not applicable.	No mitigation measures required.	N/A	N/A
ESS8 – Cultural Heritage and Chance Finds	Unexpected archaeological or cultural heritage discoveries.	• Apply Chance Find Procedures. • Stop work immediately if discoveries occur. • Restrict access to the area • Notify relevant authorities.	Contractor / PMU	Site inspections, incident records
ESS9 – Financial Intermediaries	ESS9 not applicable.	No mitigation measures required.	N/A	N/A
ESS10 – Stakeholder Engagement	Need for communication with schools, communities, and local authorities.	• Implement stakeholder engagement activities in accordance with the SEP • Inform affected stakeholders prior to works • Conduct regular coordination meetings • Respond to stakeholder concerns • Maintain consultation records	PMU / MEHE / Contractor	Consultation records; stakeholder feedback; meeting minutes
ESS10 – Grievance Mechanism	Complaints from workers, school personnel, or community members.	• Maintain project's accessible worker and community grievance mechanisms. • Record, track, and resolve grievances in a timely manner. • Escalate serious complaints according to project procedures. • Report grievance status to PMU • Provide feedback to complainants	PMU / Contractor / MEHE	Grievance logs, monitoring reports