

BILL OF QUANTITIES FOR PROPOSED REPAIR AND IMPROVEMENT OF MUD STRUCTURES

LOT#3- LORALAI RV SCHOOLS NO. 29, 30,31,33,34 & 35

1. SCHOOL #29

A) Repair Work at School #29

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
1a	New Mud Roof with Leaping Works Providing and laying mud plaster 25 mm thick and leaping over 75 mm thick mud on roofs including laying of 2.5 mm polythene sheet.	SQFT	150		
1b	Dismantling Works Removing mud from roofs, including plastering and leaping.	CFT	75		
2	Providing & fixing bamboos of 22 ft length for new toilet roof.	RFT	286		
3	4 NEW TOILETS (Tile Girder Roof) Providing and laying first class brick masonry wall set in cement sand mortar 1:3, raking out of joints and curing complete complete in all respect. 1. Supplying and fixing of bamboos and girders. 2. Cement sand plaster 1:4 3. Supplying and laying P.C.C flooring 4. Supplying and fixing water closet. 5. Supplying and fixing O.H.W.T 300 Gallons 6. Supplying and fixing drain pipe 7. Supplying and fixing Tile, T iron & Girder Roof 8. Supplying and laying of P.C.C screeding 1:2:4 9. Supplying and fixing of wash basin	Job			
4	Scraping Mud Plaster Works Scraping the existing & damaged Plaster, any thickness.	SQFT	6350		
5	External Mud Plaster Works Providing and applying 19 mm thick mud plaster including 3 mm thick leaping on all the external walls of class rooms.	SQFT	7370		
6	White Wash Works Providing & applying white or Colour wash on new/old surface, 1st coat & subsequent coats, including removal of the old or existing white wash.	SQFT	10748		
7	Door Paint Work 1st coat of painting on new or old work such as steel doors and windows of any type and description with synthetic enamel paint, including the removal or burning of old paint.	SQFT	696		

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
8	Leaping of Mud roof Providing and laying 12 mm thick leaping on mud roof of all the class rooms. Proper leaping should ensure that there is no void left behind. 1. 3151 sqft for all 9 rooms. 2. Class rooms with veranda=1260 sqft 3. Laboratory room= 392 sqft 4. Veranda= 683 sqft	SQFT	5486		
9	Repair of P.C.C flooring in newly constructed R.C.C rooms Providing & laying of P.C.C Flooring using crushed or broken stone graded 1:3:6, including curing, compacting & finishing complete in all respect in the	CFT	90		
10	P.C.C Flooring Providing & laying of P.C.C Flooring using crushed or broken stone graded 1:3:6, including curing, compacting & finishing complete in all respect.	CFT	792		
11	Roof Chemical Treatment Supplying and laying of Bitumen, applied hot on roof @ 0.75 kg/sqm and blinded with sand at 0.012 cum per sqm (including cleaning surface)	SQFT	1352		
TOTAL - Repair Work at School #29					
GRAND TOTAL FOR SCHOOL #29					
2. SCHOOL #30					
A) Repair Work at School #30					
S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
1a	New Mud Roof with Leaping Works Providing and laying mud plaster 25 mm thick and leaping over 75 mm thick mud on roofs including laying of polythene sheet.	SQFT	310		
1b	Dismantling Works Removing mud from roofs, including plastering and leaping.	CFT	155		
2	Providing & fixing bamboos of 22 ft length for roof in one room.	RFT	286		
3	Providing & fixing 3 Girder of 16 RFT length in class rooms	RFT	50		
4	Scraping Mud Plaster Works Scraping the existing & damaged Plaster, any thickness.	SQFT	5579		

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
5	External Mud Plaster Works Providing and applying 19 mm thick mud plaster including 3 mm thick leaping on all the external walls of class rooms. This also includes the internal mud plaster of class room which is 764 sqft. External mud plaster is 4815 sqft	SQFT	5579		
6	White Wash Works Providing & applying white or Colour wash on new/old surface, 1st coat & subsequent coats, including removal of the old or existing white wash.	SQFT	4481		
7	Door Paint Work 1st coat of painting on new or old work such as steel doors and windows of any type and description with synthetic enamel paint, including the removal or burning of old paint.	SQFT	252		
8	Installing New Door Supply & fix, Box type steel door using 18 Gauge frame section 75 mm x 30 mm and panel section 25 mm x 50 mm and 10 mm x 10 mm square gola, with all necessary steel fitting/mongery holdfast etc. and two coats of SE paint in addition to one coat of primer/rust proof paint.	SQFT	18		
9	Leaping of Mud roof Providing and laying 12 mm thick leaping on mud roof of all the class rooms. Proper leaping should ensure that there is no void left behind.	SQFT	2400		
10	P.C.C Flooring Providing & laying of P.C.C Flooring using crushed or broken stone graded 1:3:6, including curing, compacting & finishing complete in all respect.	CFT	135		
11	Mud Brick Mortar Masonry Providing and laying sun dried brick masonry wall set in stiff clay free from impurities/salts & raking out of joints complete in all respect.	CFT	573		
12	<u>Reconstruction of boundary wall</u> Compound Wall: Providing and laying sun dried brick masonry wall set in stiff clay free from impurities/salts & raking out of joints complete in all respect	CFT	404		
13	Mud Plaster to Compound wall Providing and applying 19 mm thick mud plaster including 3 mm thick leaping on both sides of boundary wall	SQFT	1078		
TOTAL - Repair Work at School #30					

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
GRAND TOTAL FOR SCHOOL #30					
3. SCHOOL #31					
A) Repair Work at School #31					
S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
1a	New Mud Roof with Leaping Works Providing and laying mud plaster 25 mm thick and leaping over 75 mm thick mud on roofs, including the laying of 2.5 mm polythene sheet.	SQFT	1000		
1b	Dismantling Works Removing mud from roofs, including plastering and leaping.	CFT	500		
2	Providing & fixing 6 Girder of 15 RFT each length in class rooms	RFT	90		
3	Providing & fixing bamboos for roof in rooms. 22 feet each length. 15 numbers.	RFT	330		
4	Scraping Mud Plaster Works Scraping the existing & damaged Plaster, any thickness.	SQFT	4710		
5	External/Internal Mud Plaster Works Providing and applying 19 mm thick mud plaster including 3 mm thick leaping on all the external walls of class rooms. 1. Mud plaster/repair of one wall up to 4 feet height=80 sqft 2. Mud plaster of internal wall of room=165 sqft 3. Repair/Leaping of internal wall of room =265 sqft 4. External mud plaster =4200	SQFT	4710		
6	White Wash Works Providing & applying white or Colour wash on new/old surface, 1st coat & subsequent coats, including removal of the old or existing white wash.	SQFT	9531		
7	Door Paint Work 1st coat of painting on new or old work such as steel doors and windows of any type and description with synthetic enamel paint, including the removal or burning of old paint.	SQFT	964		

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
8	Installing New window Supply & fix, Box type steel sliding/Fixed window or CSW using 16 Gauge frame section 75 mm x 30 mm and panel section 25 mm x 50 mm and 10 mm x 10 mm square gola, with all necessary steel fitting/mongery holdfast etc. and two coats of SE paint in addition to one coat of primer/rust proof paint, except wire gauze, grill and glass panes	SQFT	32		
9	Leaping of Mud roof Providing and laying 12 mm thick leaping on mud roof of all the class rooms. Proper leaping should ensure that there is no void left behind.	SQFT	3850		
10a	Mud Plaster Works Providing and applying 19 mm thick mud plaster including 3 mm thick leaping on the wall.	SQFT	1120		
10b	Mud Brick Mortar Masonry Providing and laying sun dried brick masonry wall set in stiff clay free from impurities/salts & raking out of joints complete in all respect.	CFT	422		
11	Glazing Supplying and fix plain sheet glass 5 mm thick, fixed to timber or steel sashes with putty as specified	SQFT	100		
12	Wire Gauze Supply iron tinned wire gauze fly proof 9x9 mesh, 24 gauge and fix with cover fillets to window chowkats/frame etc.	SQFT	100		
13	P.C.C Flooring Providing & laying of P.C.C Flooring using crushed or broken stone graded 1:3:6, including curing, compacting & finishing complete in all respect.	CFT	304		
14	Roof Chemical Treatment Supplying and laying of Bitumen, applied hot on roof @ 0.75 kg/sqm and blinded with sand at 0.012 cum per sqm (including cleaning surface)	SQFT	560		
15	Brick Masonry Compound wall Providing and laying first class bricks masonry wall set in 1:3 cement sand mortar, raking out of joints in boundary wall, including curing complete in all respect.	CFT	225		

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
16	3 NEW TOILETS (Tile Girder Roof) Providing and laying first class brick masonry wall set in cement sand mortar 1:3, raking out of joints and curing complete complete in all respect. 1. Supplying and fixing of bamboos and girders. 2. Cement sand plaster 1:4 3. Supplying and laying P.C.C flooring 4. Supplying and fixing water closet. 5. Supplying and fixing O.H.W.T 300 Gallons 6. Supplying and fixing drain pipes & PPRC pipes 7. Supplying and fixing Tile, T iron & Girder Roof 8. Supplying and laying of P.C.C screeding 1:2:4 9. Supplying and fixing of wash basin	Job			
17	Gutter/Spout Providing & fixing of Gutter at roof top of all the room. Spout dia 2" and 2'-6" long each.	RFT	113		
TOTAL - Repair Work at School #31					

GRAND TOTAL FOR SCHOOL #31					
-----------------------------------	--	--	--	--	--

4. SCHOOL #33					
A) Repair Work at School #33					

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
1a	New Mud Roof with Leaping Works Providing and laying mud plaster 25 mm thick and leaping over 75 mm thick mud on roofs, including the laying of 2.5 mm polythene sheet.	SQFT	1550		
1b	Dismantling Works Removing mud from roofs, including plastering and leaping.	CFT	775		
2	Providing & fixing bamboos for roof in rooms.	RFT	685		
3	Scraping Mud Plaster Works Scraping the existing & damaged Plaster, any thickness.	SQFT	7350		
4	External Mud Plaster Works Providing and applying 19 mm thick mud plaster including 3 mm thick leaping on all the external walls of class rooms. 1. Mud plaster of rooms=5160 sqft 2. Internal Mud Plaster=384 sqft 3. Boundary wall mud plaster= 1796 sqft	SQFT	7350		

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
5	White Wash Works Providing & applying white or Colour wash on new/old surface, 1st coat & subsequent coats, including removal of the old or existing white wash.	SQFT	4450		
6	Door Paint Work 1st coat of painting on new or old work such as steel doors and windows of any type and description with synthetic enamel paint, including the removal or burning of old paint.	SQFT	367		
7	Installing New Door Supply & fix, Box type steel door using 18 Gauge frame section 75 mm x 30 mm and panel section 25 mm x 50 mm and 10 mm x 10 mm square gola, with all necessary steel fitting/mongery holdfast etc. and two coats of SE paint in addition to one coat of primer/rust proof paint.	SQFT	18		
8	Leaping of Mud roof Providing and laying 12 mm thick leaping on mud roof of all the class rooms. Proper leaping should ensure that there is no void left behind.	SQFT	2744		
9	Mud Brick Mortar Masonry Providing and laying sun dried brick masonry wall set in stiff clay free from impurities/salts & raking out of joints complete in all respect.	CFT	300		
TOTAL - Repair Work at School #33					

GRAND TOTAL FOR SCHOOL #33					
-----------------------------------	--	--	--	--	--

5. SCHOOL #34
A) Repair Work at School #34

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
1a	New Mud Roof with Leaping Works Providing and laying mud plaster 25 mm thick and leaping over 75 mm thick mud on roofs including laying of 2.5 mm polythene sheet.	SQFT	650		
1b	Dismantling Works Removing mud from roofs, including plastering and leaping.	CFT	335		
2	Providing & fixing bamboos of 22 ft length for roof in two rooms.	RFT	540		
3	Providing & fixing 3 Girder of 16 RFT length in class rooms	RFT	58		
4	Scraping Mud Plaster Works Scraping the existing & damaged Plaster, any thickness.	SQFT	5200		

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
5	External Mud Plaster Works Providing and applying 19 mm thick mud plaster including 3 mm thick leaping on all the external walls of class rooms.	SQFT	5200		
6	White Wash Works Providing & applying white or Colour wash on new/old surface, 1st coat & subsequent coats, including removal of the old or existing white wash.	SQFT	6100		
7	Door Paint Work 1st coat of painting on new or old work such as steel doors and windows of any type and description with synthetic enamel paint, including the removal or burning of old paint.	SQFT	320		
8	Installing New window Supply & fix, Box type steel sliding/Fixed window or CSW using 16 Gauge frame section 75 mm x 30 mm and panel section 25 mm x 50 mm and 10 mm x 10 mm square gola, with all necessary steel fitting/mongery holdfast etc. and two coats of SE paint in addition to one coat of primer/rust proof paint, except wire gauze, grill and glass panes	SQFT	16		
9	Glazing Supplying and fix plain sheet glass 5 mm thick, fixed to timber or steel sashes with putty as specified	SQFT	24		
10	Wire Gauze Supply iron tinned wire gauze fly proof 9x9 mesh, 24 gauge and fix with cover fillets to window chowkats/frame etc.	SQFT	30		
11	Window Paint Work 1st coat of painting on new or old work such as steel doors and windows of any type and description with synthetic enamel paint, including the removal or burning of old paint.	SQFT	44		
12	Leaping of Mud roof Providing and laying 12 mm thick leaping on mud roof of all the class rooms. Proper leaping should ensure that there is no void left behind.	SQFT	2800		
13	P.C.C Flooring of two Class Rooms Providing & laying of P.C.C Flooring using crushed or broken stone graded 1:3:6, including curing, compacting & finishing complete in all respect.	CFT	140		
TOTAL - Repair Work at School #34					
GRAND TOTAL FOR SCHOOL #34					

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
6. SCHOOL #35					
A) Repair Work at School #35					
S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
1	Leaping of Mud roof Providing and laying 12 mm thick leaping on mud roof of all the class rooms. Proper leaping should ensure that there is no void left behind.	SQFT	4100		
2	Scraping Mud Plaster Works Scraping the existing & damaged Plaster, any thickness.	SQFT	4280		
3	External Mud Plaster Works Providing and applying 19 mm thick mud plaster including 3 mm thick leaping on all the external walls of class rooms.	SQFT	4212		
4	White Wash Works Providing & applying white or Colour wash on new/old surface, 1st coat & subsequent coats, including removal of the old or existing white wash.	SQFT	5415		
5	Door Paint Work 1st coat of painting on new or old work such as steel doors and windows of any type and description with synthetic enamel paint, including the removal or burning of old paint.	SQFT	425		
6	Installing New window Supply & fix, Box type steel sliding/Fixed window or CSW using 16 Gauge frame section 75 mm x 30 mm and panel section 25 mm x 50 mm and 10 mm x 10 mm square gola, with all necessary steel fitting/mongery holdfast etc. and two coats of SE paint in addition to one coat of primer/rust proof paint, except wire gauze, grill and glass panes	SQFT	110		
7	Installing New Door Supply & fix, Box type steel door using 18 Gauge frame section 75 mm x 30 mm and panel section 25 mm x 50 mm and 10 mm x 10 mm square gola, with all necessary steel fitting/mongery holdfast etc. and two coats of SE paint in addition to one coat of primer/rust proof paint.	SQFT	20		
8	Glazing Supplying and fix plain sheet glass 5 mm thick, fixed to timber or steel sashes with putty as specified	SQFT	40		

S.N	DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN PKR
9	Window Paint Work 1st coat of painting on new or old work such as steel doors and windows of any type and description with synthetic enamel paint, including the removal or burning of old paint.	SQFT	200		
10	Roof Chemical Treatment Supplying and laying of Bitumen, applied hot on roof @ 0.75 kg/sqm and blinded with sand at 0.012 cum per sqm (including cleaning surface)	SQFT	3500		
TOTAL - Repair Work at School #35					
GRAND TOTAL FOR SCHOOL #35					
SUMMARY OF SCHOOLS AT CHAGHI RV					
	DESCRIPTION				AMOUNT
1	GRAND TOTAL FOR SCHOOL #29				
2	GRAND TOTAL FOR SCHOOL #30				
3	GRAND TOTAL FOR SCHOOL #31				
4	GRAND TOTAL FOR SCHOOL #33				
5	GRAND TOTAL FOR SCHOOL #34				
6	GRAND TOTAL FOR SCHOOL #35				
GRAND TOTAL FOR CHAGHI RV					