

**BILL OF QUANTITIES FOR PROPOSED REPAIR AND IMPROVEMENT OF MUD STRUCTURES**

**LOT#1- MALGAGAI RV SCHOOLS NO. 24,25,26 & 27**

**1. SCHOOL #24**

**A) Repair Work at School #24**

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
1	Dismantling of two rooms 15x15 & 25x15 mud structure room completely with walls and take away the surplus material and dispose away 5 km from school.						
	dismantling of two rooms 15x15 & 25x15 mud structure room completely						
	Total					1.0	Job
1	<b>Scraping old Mud Plaster Works</b> Scraping the old / existing & damaged mud Plaster completely , any thickness including the cost of CARRIAGE OF Surplus Materials Includes Loading, Unloading .as per instruction						
	Total					2000	CFT
2	Providing and laying 2mm thick plastic and layer of Mud Plaster 2 to 2.5 inch on roof of all schoolrooms and hall of school and toilets adding straw etc. As per instruction of engineer						
	Total covered area of roof					3000	CFT
2	Construction of two toilets of size 6x6 with brick structure 9 inch wall, height 8 feet, roof with one girder and brick tile-T-iron, plaster from both sides, providing inside WC and pipe connection with one overhead tank of marjan 300 Gallon , WC sewage connection with 20 feet deep digging of pit outside school 50 feet far .as per instruction of engineer						
	construction of toilets					2.0	Jobs
3	Providing and laying Mud Plaster On Walls of rooms and hall of school including the cost of wood burada/straw						
	<b>Mud Plaster NSR</b>						
	Total					2000	Sft
3	White washing three coats including dusting, filling the holes, cracks and removing inequalities using colour and Gelo mixing in it at if any, at any height. Including cost of door paint as oil paint for 15 doors, roof Girder ,T-rion etc complete in all respect.						
	<b>white wash</b>						
	Total					3000	Sft
3	Distempering three coats including dusting, filling the holes, cracks and removing inequalities complete in all respect. As per instruction of engineer						
	<b>Distempering</b>						
	Total					2000	Sft

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
4	Providing and fixing 5 mm glass panes of the following types in wooden or steel frames of doors, windows, ventilators etc complete in all respect including wooden gola beading in any floor, wooden notice board with frame.						
	<b>NSR</b>						
	WINDOWS						
					Total	150	sft
<b>TOTAL - Repair at School #24</b>							
<b>B) Construction of Boundary Wall at School #24</b>							
S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
	<b>Civil Works</b>						
	dismantling of old mud brick wall and take away the surplus left material 5 km away from school						
		1	200	1	8	1600	CFT
1	Excavation in foundation of buildings, bridges and other structures, depth up to 4 meters including dag bellings dressing, refilling around structures with excavated earth, watering and ramming lead up to 30 m lift up to 1.5 m.						
		1	500	2	2	2000	CFT
2	Providing and laying cement concrete thick and down 1:4:8 ratio using gauge in foundation including levelling compacting and curing. Extra if crushed stone 19mm (3/4") and down gauge is used in place of shingle or bajri						
		1	500	2	0.25	250	CFT
3	Providing and laying 1:2:4 cement concrete using(3/4") thick and down gauge in foundation including levelling compacting and curing.						
		1	500	2	0.5	500	CFT
4	Providing and laying first class solid burnt brick masonry including scaffolding, raking out joints and curing in foundation, basement and plinth.						
		step	500	1.5	1		
	2ND STEP						
		2nd	500	1.125	1		
						1313	CFT
5	Providing and laying 4" (50mm) thick damp proof course with 1:2:4cement concrete using Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge mixed with any approved water proofing agent including compacting, curing, formwork and its removal .						
	2" (50 mm) thick damp proof course.						
		1	500	1.125		563	SFT
6	Providing and laying first class solid burnt brick masonry including scaffolding, raking out joints and curing in ground floor superstructure with ratio 1:4.						

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
		1	500	0.75	8		
	Deduction columns	50	0.75	0.75	8		
						2775	CFT
<b>9</b>	Providing and laying cement concrete using crushed stone 19 mm (3/4") and down gauge in columns including compacting, curing, cost of form work and its removal in basement, and ground floor. Mix ratio is 1:2:4						
		1	500	1.3	0.75	488	
	COLUMN 03	7	0.75	0.75	10	39	
						527	CFT
<b>10</b>	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in precast shelves <b>coping</b> , cornices, eave boards, hood, fencing posts and manhole covers etc. including formwork & its removal, compacting and curing in ground floor.						
		1	500	1.125	0.25		
						141	CFT
<b>17</b>	Pointing on brick work with cement sand mortar in plinth and ground floor including raking out joints and curing						
	(S.I No. 15-36 bii )	1	500		8		
						4000	SFT
<b>18</b>	19 mm (3/4") thick cement plaster on walls and columns in basement, plinth and ground floor including making edges, corners and curing. The mix ratio is 1:4 cement sand.						
		1	500		8		
						4000	SFT
<b>19</b>	White washing three coats including dusting, filling the holes, cracks and removing inequalities, if any, at any height in any floor						
		2	500	Brown	8		
		50	0.75	Yellow	8		
						8300	SFT
<b>28</b>	Providing, fabricating and laying deformed bars grade 40 having yield strength equal to 40,000 psi reinforcement for all kinds of R.C.C work in foundation, plinth, ground and first floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such overlaps as are not shown on the drawings. The cost of binding wire and precast 1:2:4 cement concrete spacer blocks or M.S chair for binding and holding the reinforcement in position is inclusive.						
	Foundation						
	Columns						
	1/2" dia	4	500	0.668	1336		
	Rings 3/8" dia	668	4.6	0.375	1152		
	pillar 1/2" dia	28	10	0.668	187		

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
	Rings 3/8" dia	668	3.5	0.375	876.3		
					3551		
			3551	2204	1.611	1.6	Ton
29	Providing and fixing barbed wire fencing comprising 1.5"x 1.5"x 3/16" angle iron post 3 ft long, 4 ft c/c embedded in cement concrete 1:4:8 base of 9"x 9"x 12" size with three rows of barbed wire 6" c/c including binding wire and painting of posts.						
	Barbed wire 3 ply, 12 gauge (2.17 mm) thick						
		1	500		500	500	RFT
<b>TOTAL - Construction of Boundary Wall at School #24</b>							
<b>C) Construction of a Classroom size 20 x 14 with verandah at School #24</b>							
CIVIL WORKS				COST ESTIMATE			
S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
<b>CIVIL WORKS</b>							
	<b>Excavation in foundation</b> of buildings and bridges, including layout, dressing, refilling around structures with, excavated earth, watering & ramming lead up to 100 ft.,(30m) & lift up to 5 ft. (1.5m)						
	Excavation					296	Cft
	<b>Providing and laying plain</b> hand mixed <b>1 : 4 : 8</b> cement concrete using sand approved source and crushed aggregate having maximum size up to 1-1/2" (38mm) & down gauge in foundation and plinth including levelling, compacting & curing.						
	Lean					37	Cft
	<b>Providing, fabricating and laying deformed Grade 60 steel reinforcement</b> (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive up to 15 ft. (5m) height						
	Steel						
	Foundation and Columns					1	
	Plinth Band						
	Door Band						
	Roof Beam						
	Slab					1	
	Total					4	ton
	<b>Providing and laying 1:2:4 cement concrete</b> using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in sills and Bed Plate including formwork and its removal, compacting and curing						
	Foundation beam and footing					140	Cft

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
	Providing and laying <b>first class solid burnt brick</b> masonry ( <b>Brick Strength:1800psi-2000psi</b> ) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing <b>with 1:3</b>						
	Foundation bricks					214	Cft
	Providing and laying <b>1 : 2 : 4 cement concrete</b> using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including levelling, compacting and curing.						
	Column					81	Cft
	Providing and laying <b>1:2:4 cement concrete</b> using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in <b>plinth band</b> , door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.						
	Plinth beam					123	Cft
	Providing and laying <b>first class solid burnt brick</b> masonry ( <b>Brick Strength:1800psi-2000psi</b> ) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing <b>with 1:3</b>						
	Brick					428	Cft
	Providing and laying <b>1:2:4 cement concrete</b> using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, <b>door band</b> and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.						
	Door band					81	Cft
	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead up to 50 ft. (15m)						
	Filling					432	Cft
	<b>Providing and laying plain</b> hand mixed <b>1 : 4 : 8</b> cement concrete using sand approved source and crushed aggregate having maximum size up to 1-1/2" (38mm) & down gauge in foundation and plinth including levelling, compacting & curing.						
						144	Cft
	Providing and laying <b>1:2:4 cement concrete</b> using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and <b>roof band</b> of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.						
	Roof beam					100	Cft

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
	Providing and laying <b>1:2:4 cement concrete</b> using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in <b>slabs</b> including formwork and its removal, compacting and curing Up to 6" (150 mm) thickness i) In basement, plinth and ground floor						
	Slab 6" thick with out plaster					230	Cft
	<b>Cement plaster</b> using Coarse Sand on soffits of ceiling, cantilever slabs, sides and soffits of beams, in basement and ground floor including making edges, corners and curing. <b>1/2 inch (13mm) thick cement sand plaster 1:4</b>						
	Ceiling Plaster					480	Sft
	3/4 inch ( <b>19mm</b> ) <b>thick cement plaster</b> using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing. The mix ratio is 1:4 cement sand.						
	Inside Plaster					968	Sft
	Providing and laying <b>1:2:4 cement concrete</b> using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in <b>slabs</b> including formwork and its removal, compacting and curing Up to 6" (150 mm) thickness i) In basement, plinth and ground floor						
	Flooring					158	Cft
	Providing and laying Conglomerate flooring (two coat work) having 1/2" (9mm) thick wearing surface comprising 1 part of cement & 2 parts of stone chips passing 3/16" sieve, over <b>1:3:6 concrete</b> base using crushed aggregate laid in panels or approved pattern including formwork, curing, and surface finishing as approved by Engineer Incharge. mortar.						
	Plinth protection					55	%Cft
	Providing and fixing moulded steel door frame of approved profile, manufactured from zinc-coated mild steel sheets 16 gauge made by Shahah Industries or equivalent standard conforming to B.S.S.1245, treated with special primer base paint all round, fitted with six fixing lugs, three steel hinges for fixing door shutters standard lock-strike plate, one sliding holt eye, and three rubber buffers, including cutting holes and making good damages to walls and filling the door frame cavity with lean cement mortar 1:4 as directed by the Engineer						
	Front door and window frame					20	Rft
	Providing and fixing <b>3" thick</b> First class approved wood (Keil) shutter fixed with wooden sheet and with approved nickel plated hinges and tower bolts Handle and handle Locks						
	Door					32	Sft



S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
<b>ELECTRIC WORK OF BUILDING</b>							
1	Providing and installing 6 Nos of 25w Led Lights, 2 Nos of 56" DC Fan with each one attached to Solar Plate of 150w (with proper frame installed on roof ) with proper wiring in slab ceiling connection with lights and fans and 8 gang switches with automatic solar control regulator for fan , installation complete in all respect.					1	Job
<b>TOTAL - Construction of a Classroom size 20 x 14 with verandah at School #24</b>							
<b>SUMMARY FOR SCHOOL #24</b>							
A	TOTAL - Repair at School #24						
B	TOTAL - Construction of Boundary Wall at School #24						
C	TOTAL - Construction of a Classroom size 20 x 14 with verandah at School #24						
<b>GRAND TOTAL FOR SCHOOL #24</b>							
<b>2. SCHOOL #25</b>							
<b>A) Repair Work at School #25</b>							
S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
1	<b>Scraping old Mud Plaster Works</b> Scraping the old / existing & damaged mud Plaster completely , any thickness including the cost of CARRIAGE OF Surplus Materials Includes Loading, Unloading .as per instruction						
	Total					3000	CFT
3	Dismantling of three mud structure toilets 6 x6 and filling the Pits with same material, 100 feet mud structure boundary wall as per instruction						
	mud structure toilet and boundary wall dismantling						
	Total					1.0	Sft
2	Construction of three toilets of size 6x6 with brick structure 9 inch wall, height 8 feet, roof with one girder and brick tile-T-iron, plaster from both sides, providing inside WC and pipe connection with one overhead tank of marjan 300 Gallon , WC sewage connection with 20 feet deep digging of pit out side school 50 feet far .as per instruction of engineer						
	construction of toilets					3	Jobs
2	Providing and laying 2mm thick plastic and layer of Mud Plaster 2 to 2.5 inch on roof of all schoolrooms and hall of school and toilets adding straw etc. As per instruction of engineer						
	Total covered area of roof					3000	CFT
3	Providing and laying Mud Plaster On Walls of school including the cost of wood burada/straw						
	<b>Mud Plaster NSR</b>						
	Total					5000	Sft



S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
3	White washing three coats including dusting, filling the holes, cracks and removing inequalities using colour and Gelo mixing in it at if any, at any height. Including cost of door paint as oil paint for 22 doors, roof Girder ,T-rion etc complete in all respect.						
	<b>white wash</b>						
	Total					5000	Sft
3	Distempering three coats including dusting, filling the holes, cracks and removing inequalities complete in all respect. As per instruction of engineer						
	<b>Distempering</b>						
	Total					2000	Sft
4	Providing and fixing 5 mm glass panes of the following types in wooden or steel frames of doors, windows, ventilators etc complete in all respect including wooden gola beading in any floor, wooden notice board with frame.						
	<b>NSR</b>						
	WINDOWS						
					Total	312	sft
<b>TOTAL - Repair Work at School #25</b>							

**B) Construction of Boundary Wall at School #25**

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
	<b>Civil Works</b>						
	dismantling of old mud brick wall and take away the surplus left material 5 km away from school						
		1.0	500	1	8	4000	CFT
1	Excavation in foundation of buildings, bridges and other structures, depth upt 4 meters including dag bellings dressing, refilling around structures with excavated earth, watering and ramming lead up to 30 m lift up to 1.5 m.						
		1.0	500	2	2	2000	CFT
2	Providing and laying cement concrete thick and down 1:4:8 ratio using gauge in foundation including levelling compacting and curing. Extra if crushed stone 19mm (3/4") and down gauge is used in place of shingle or bajri						
		1.0	500	2	0.25	250	CFT
3	Providing and laying 1:2:4 cement concrete using(3/4") thick and down gauge in foundation including levelling compacting and curing.						
		1.0	500	2	0.5	500	CFT
4	Providing and laying first class solid burnt brick masonry including scaffolding, raking out joints and curing in foundation, basement and plinth.						
		1st step	500	1.5	1		
	2ND STEP						

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
		2nd	500	1.125	1		
						1313	CFT
5	Providing and laying 4" (50mm) thick damp proof course with 1:2:4 cement concrete using Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge mixed with any approved water proofing agent including compacting, curing, formwork and its removal .						
	2" (50 mm) thick damp proof course.						
		1.0	500	1.125		563	SFT
6	Providing and laying first class solid burnt brick masonry including scaffolding, raking out joints and curing in ground floor superstructure with ratio 1:4.						
		1.0	500	0.75	8		
	Deduction columns	50.0	0.75	0.75	8		
						2775	CFT
9	Providing and laying cement concrete using crushed stone 19 mm (3/4") and down gauge in columns including compacting, curing, cost of form work and its removal in basement, and ground floor. Mix ratio is 1:2:4						
		1.0	70	1.3	0.75	68	
	COLUMN 03	50.0	0.75	0.75	10	281	
						350	CFT

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
10	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in precast shelves <b>coping</b> , cornices, eave boards, hood, fencing posts and manhole covers etc. including formwork & its removal, compacting and curing in ground floor.						
		1.0	500	1.125	0.25		
						141	CFT
17	Pointing on brick work with cement sand mortar in plinth and ground floor including raking out joints and curing (S.I No. 15-36 bii )	1.0	500		8		
						4000	SFT
18	19 mm (3/4") thick cement plaster on walls and columns in basement, plinth and ground floor including making edges, corners and curing. The mix ratio is 1:4 cement sand.	1.0	500		8		
						4000	SFT
19	White washing three coats including dusting, filling the holes, cracks and removing inequalities, if any, at any height in any floor	2.0	500	Brown	8		
		50.0	0.75	Yellow	6.25		
						8234	SFT
28	Providing, fabricating and laying deformed bars grade 40 having yield strength equal to 40,000 psi reinforcement for all kinds of R.C.C work in foundation, plinth, ground and first floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such overlaps as are not shown on the drawings. The cost of binding wire and precast 1:2:4 cement concrete spacer blocks or M.S chair for binding and holding the reinforcement in position is inclusive.						
	Foundation						
	Columns						
	1/2" dia	4.0	500	0.668	1336		
	Rings 3/8" dia	667.7	4.6	0.375	1152		
	pillar 1/2" dia	28.0	10	0.668	187		
	Rings 3/8" dia	667.7	3.5	0.375	876.3		
						2399	
			2399	2240	1.071	1.1	Ton
29	Providing and fixing barbed wire fencing comprising 1.5"x 1.5"x 3/16" angle iron post 3 ft long, 4 ft c/c embedded in cement concrete 1:4:8 base of 9"x 9"x 12" size with three rows of barbed wire 6" c/c including binding wire and painting of posts.						
	Barbed wire 3 ply, 12 gauge (2.17 mm) thick	1.0	500		500	500	RFT

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
<b>TOTAL - Construction of Boundary Wall at School #25</b>							
<b>SUMMARY FOR SCHOOL #25</b>							
<b>A</b>	TOTAL - Repair Work at School #25						
<b>B</b>	TOTAL - Construction of Boundary Wall at School #25						
<b>GRAND TOTAL FOR SCHOOL #25</b>							
<b>3. SCHOOL #26</b>							
<b>A) Repair Work at School #26</b>							
S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
<b>1</b>	<b>Scraping old Mud Plaster Works</b> Scraping the old / existing & damaged mud Plaster completely , any thickness including the cost of CARRIAGE OF Surplus Materials Includes Loading, Unloading .as per instruction						
	Total					5,000	CFT
<b>2</b>	Providing and laying 2mm thick plastic and layer of Mud Plaster 2 to 2.5 inch on roof of all schoolrooms and hall of school and toilets adding straw etc. As per instruction of engineer						
	Total covered area of roof					5,000	CFT
<b>3</b>	Providing and laying Mud Plaster On Walls of rooms and hall of school including the cost of wood burada/straw						
	<b>Mud Plaster NSR</b>						
	Total					10,180	Sft
<b>3</b>	White washing three coats including dusting, filling the holes, cracks and removing inequalities using colour and Gelo mixing in it at if any, at any height. Including cost of door paint as oil paint for 22 doors, roof Grider ,T-rion etc complete in all respect.						
	<b>white wash</b>						
	Total					8,000	Sft
<b>3</b>	Distempering three coats including dusting, filling the holes, cracks and removing inequalities complete in all respect. As per instruction of engineer						
	<b>Distempering</b>						
	Total					2,000	Sft
<b>4</b>	Providing and fixing 5 mm glass panes of the following types in wooden or steel frames of doors, windows, ventilators etc complete in all respect including wooden gola beading in any floor, wooden notice board with frame.						
	<b>NSR</b>						
	<b>WINDOWS</b>						
				Total		312	sft
<b>TOTAL - Repair Work at School #26</b>							

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
<b>B) Construction of a Boundary Wall at School #26</b>							
S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
	<b>Civil Works</b>						
	dismantling of old mud brick wall and take away the surplus left material 5 km away from school						
		1.0	70	1	8	560	CFT
<b>1</b>	Excavation in foundation of buildings, bridges and other structures, depth up to 4 meters including dagg bellings dressing, refilling around structures with excavated earth, watering and ramming lead up to 30 m lift up to 1.5 m.						
		1.0	70	2	2	280	CFT
<b>2</b>	Providing and laying cement concrete thick and down 1:4:8 ratio using gauge in foundation including levelling compacting and curing. Extra if crushed stone 19mm (3/4") and down gauge is used in place of shingle or bajri						
		1.0	70	2	0.25	35	CFT
<b>3</b>	Providing and laying 1:2:4 cement concrete using(3/4") thick and down gauge in foundation including levelling compacting and curing.						
		1.0	70	2	0.5	70	CFT
<b>4</b>	Providing and laying first class solid burnt brick masonry including scaffolding, raking out joints and curing in foundation, basement and plinth.						
		1st step	70	1.5	1		
	<b>2ND STEP</b>						
		2nd	70	1.125	1		
						184	CFT
<b>5</b>	Providing and laying 4" (50mm) thick damp proof course with 1:2:4cement concrete using Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge mixed with any approved water proofing agent including compacting, curing, formwork and its removal .						
	2" (50 mm) thick damp proof course.						
		1.0	70	1.125		79	SFT
<b>6</b>	Providing and laying first class solid burnt brick masonry including scaffolding, raking out joints and curing in ground floor superstructure with ratio 1:4.						
		1.0	70	0.75	8		
	Deduction columns	7.0	0.75	0.75	8		
						389	CFT
<b>9</b>	Providing and laying cement concrete using crushed stone 19 mm (3/4") and down gauge in columns including compacting, curing, cost of form work and its removal in basement, and ground floor. Mix ratio is 1:2:4						
		1.0	70	1.3	0.75	68	
	<b>COLUMN 03</b>	7.0	0.75	0.75	10	39	
						108	CFT

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
10	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in precast shelves <b>coping</b> , cornices, eave boards, hood, fencing posts and manhole covers etc. including formwork & its removal, compacting and curing in ground floor.						
		1.0	70	1.125	0.25		
						20	CFT
17	Pointing on brick work with cement sand mortar in plinth and ground floor including raking out joints and curing (S.I No. 15-36 bii )						
		1.0	70		8		
						560	SFT
18	19 mm (3/4") thick cement plaster on walls and columns in basement, plinth and ground floor including making edges, corners and curing. The mix ratio is 1:4 cement sand.						
		1.0	70		8		
						560	SFT
19	White washing three coats including dusting, filling the holes, cracks and removing inequalities, if any, at any height in any floor						
		2.0	70	Brown	8		
		7.0	0.375	Yellow	6.25		
						1,136	SFT
28	Providing, fabricating and laying deformed bars grade 40 having yield strength equal to 40,000 psi reinforcement for all kinds of R.C.C work in foundation, plinth, ground and first floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such overlaps as are not shown on the drawings. The cost of binding wire and precast 1:2:4 cement concrete spacer blocks or M.S chair for binding and holding the reinforcement in position is inclusive.						
	Foundation						
	Columns						
	1/2" dia	4.0	70	0.668	187		
	Rings 3/8" dia	94.3	4.6	0.375	162.7		
	pillar 1/2" dia	28.0	10	0.668	187		
	Rings 3/8" dia	94.3	3.5	0.375	123.8		
					497.9		
			497.9	2240	0.222	0.2	Ton
29	Providing and fixing barbed wire fencing comprising 1.5"x 1.5"x 3/16" angle iron post 3 ft long, 4 ft c/c embedded in cement concrete 1:4:8 base of 9"x 9"x 12" size with three rows of barbed wire 6" c/c including binding wire and painting of posts.						
	Barbed wire 3 ply, 12 gauge (2.17 mm) thick						
		1.0	70		70	70	RFT
<b>TOTAL - Construction of a Boundary Wall at School #26</b>							

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
<b>SUMMARY FOR SCHOOL #26</b>							
<b>A</b>	TOTAL - Repair Work at School #26						
<b>B</b>	TOTAL - Construction of a Boundary Wall at School #26						
<b>GRAND TOTAL FOR SCHOOL #26</b>							
<b>4. SCHOOL #27</b>							
<b>A) Repair Work at School #27</b>							
S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
<b>1</b>	<b>Scraping old Mud Plaster Works</b> Scraping the old / existing & damaged mud Plaster completely , any thickness including the cost of CARRIAGE OF Surplus Materials Includes Loading, Unloading .as per instruction						
	Total					3,000	CFT
<b>2</b>	Providing and laying 2mm thick plastic and layer of Mud Plaster 2 to 2.5 inch on roof of all schoolrooms and hall of school and toilets adding straw etc. As per instruction of engineer						
	Total covered area of roof					3,000	CFT
	Providing and laying first class solid burnt brick masonry including scaffolding, raking out joints and curing in ground floor superstructure with ratio 1:4.						
	Bricks work before replacing roof	1.0	80	1.08	2	173	CFT
<b>3</b>	Dismantling roof of store size 22x14' and replacing with new by providing 8x6 girder at 4 feet distance ,T-iron at horizontal at spacing of 2 feet and roof covering material available locally of 2mm plastic,straw,keerd and mat as per instruction.						
	<b>Roof replacement</b>						
	Total					375	Sft
<b>3</b>	White washing three coats including dusting, filling the holes, cracks and removing inequalities using colour and Gelo mixing in it at if any, at any height. Including cost of door paint as oil paint for 22 doors, roof Grider ,T-rion etc complete in all respect.						
	<b>white wash</b>					5,000	
	Total					4,100	
						9,100	Sft
<b>3</b>	Distempering three coats including dusting, filling the holes, cracks and removing inequalities complete in all respect. As per instruction of engineer						
	<b>Distempering</b>						
	Total					4,000	Sft

S.NO	DESCRIPTION	NO	L	W	H/D	QTY	UNIT
4	Providing and fixing 5 mm glass panes of the following types in wooden or steel frames of doors, windows, ventilators etc complete in all respect including wooden gola beading in any floor, wooden notice board with frame.						
	<b>NSR</b>						
	WINDOWS						
					Total	150	sft
<b>TOTAL - Repair Work at School #27</b>							
<b>SUMMARY FOR SCHOOL #27</b>							
<b>A</b>	TOTAL - Repair Work at School #27						
	<b>GRAND TOTAL FOR SCHOOL #27</b>						
<b>SUMMARY OF SCHOOLS AT MALGAGAI RV</b>							
	<b>DESCRIPTION</b>						
1	GRAND TOTAL FOR SCHOOL #24						
2	GRAND TOTAL FOR SCHOOL #25						
3	GRAND TOTAL FOR SCHOOL #26						
4	GRAND TOTAL FOR SCHOOL #27						
	<b>GRAND TOTAL FOR MALAGAGAI RV</b>						