

**ANNEX-B- SCOPE OF WORK  
LOT# 6 FOR SARANAN REFUGEES**

**A. REPAIR WORK OF SCHOOL#1**

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY	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					2000.00	CFT
<b>3</b>	Dismantling of back side damaged wall and reconstruction of with same mud structure brick 2feet with 9 feet height plastering from both sides and repair of room wall by plaster and protective layer of solid brick from back 1 feet and 100 feet length						
	Total	60.0	10			800.00	Sft
<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 covovered area of roof					8000.00	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					5000.00	Sft
<b>3</b>	White washing three coats including dusting, filling the holes,cracks and removing inequalities using color and Gelo mixing in it at if any, at any height. Including cost of door paint as oil paint for 15 doors, roof Grider ,T-rion etc complete in all respect.						

	<b>white wash</b>						
	Total					10000.00	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					5000.00	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>						
	WINDOWS						
					Total	200.00	sft

## B. REPAIR WORK OF SCHOOL#2

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY	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					2000.00	CFT
	Dismantling Works'; Removing of four room mud struccture (size 25*15) completely including wall ,girders,roofing material windows and doors and ready ground for new constrction of rooms	4.00				4.00	Job

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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					3000.00	CFT
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					5000.00	Sft
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 out side school 50 feet far .as per instruction of engineer						
	construction of toilets					4.00	Jobs
	P.C.C Flooring : Providing & laying of 6 " P.C.C . 3" Flooring using crushed or broken stone graded 1:3:6, and 3 inch using 1:2:4 including curing, marble patti at 3 feet square and borader finishing compacting & finishing complete in all respect.						
	rooms	10.0	20	15	0.5	1500.00	
	Yard	1.0	100	80	0.5	4000.00	
	total					5500.00	CFT
	Rooms door uplifting by removing door once and making place in mud structure wall and re installation of door in wall after placing pcc flooring rising as per instruction of engineer						
		10.0				10.00	Job
3	White washing three coats including dusting, filling the holes,cracks and removing inequalities using color and Gelo mixing in it at if any, at any height. Including cost of door paint as oil paint for 15 doors, roof Grider ,T-rion etc complete in all respect.						
	<b>white wash</b>						

	Total					8000.00	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					5000.00	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	500.00	sft

### C. CONSTRUCTION OF THREE CLASSROOM OF SCHOOL#2

S.No	Description of Items					Quantity	Unit
	Excavation in foundation of buildings and bridges,including layout, dressing, refilling around structures with,excavated earth, watering & ramming lead upto 100 ft.,(30m) & lift upto 5 ft. (1.5m)						
	Excavation					296.00	Cft
	Providing and laying plain hand mixed 1 : 4 : 8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.						
	Lean					37.00	Cft
	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in						

	<b>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 upto 15 ft. (5m) height</b>						
	<b>Steel</b>						
	<b>Foundation and Columns</b>					<b>1.16</b>	
	<b>Plinth Band</b>					<b>0.48</b>	
	<b>Door Band</b>					<b>0.39</b>	
	<b>Roof Beam</b>					<b>0.38</b>	
	<b>Slab</b>					<b>1.11</b>	
	<b>Total</b>					<b>3.520</b>	<b>ton</b>
	<b>Providing and laying 1:2:4 cement concrete 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</b>						
	<b>Foundation beam and footing</b>					<b>139.50</b>	<b>Cft</b>
	<b>Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing with 1:3</b>						
	<b>Foundation bricks</b>					<b>214.08</b>	<b>Cft</b>
	<b>Providing and laying 1 : 2 : 4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) &amp; down</b>						

	<b>gauge in foundation including leveling, compacting and curing.</b>						
	<b>Column</b>					<b>81.00</b>	<b>Cft</b>
	<b>Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, 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.</b>						
	<b>Plinth beam</b>					<b>122.63</b>	<b>Cft</b>
	<b>Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing with 1:3</b>						
	<b>Brick</b>					<b>427.56</b>	<b>Cft</b>
	<b>Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, 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.</b>						
	<b>Door band</b>					<b>81.28</b>	<b>Cft</b>
	<b>Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50 ft. (15m)</b>						
	<b>Filling</b>					<b>432.00</b>	<b>Cft</b>
	<b>Providing and laying plain hand mixed 1 : 4 : 8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) &amp; down gauge in foundation and plinth including leveling, compacting &amp; curing.</b>						

						<b>144.00</b>	<b>Cft</b>
	<b>Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, 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.</b>						
	<b>Roof beam</b>					<b>100.13</b>	<b>Cft</b>
	<b>Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing Upto 6" (150 mm) thickness i) In basement, plinth and ground floor</b>						
	<b>Slab 6" thick with out plaster</b>					<b>229.50</b>	<b>Cft</b>
	<b>Cement plaster 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. 1/2 inch (13mm) thick cement sand plaster 1:4</b>						
	<b>Ceiling Plaster</b>					<b>480.00</b>	<b>Sft</b>
	<b>3/4 inch (19mm) thick cement plaster 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.</b>						
	<b>Inside Plaster</b>					<b>968.00</b>	<b>Sft</b>
	<b>Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing Upto 6" (150 mm) thickness i) In basement, plinth and ground floor</b>						
	<b>Flooring</b>					<b>158.40</b>	<b>Cft</b>

	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 1:3:6 concrete base using crushed aggregate laid in panels or approved pattern including formwork, curing, and surface finishing as approved by Engineer Incharge. mortar.						
	<b>Plinth protection</b>					<b>55.00</b>	<b>%Cft</b>
	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						
	<b>Front door and window frame</b>					<b>20.00</b>	<b>Rft</b>
	Providing and fixing 3" thick First class approved wood (Keil) shutter fixed with wooden sheet and with approved nickle plated hinges and tower bolts Handle and handle Locks						
	<b>Door</b>					<b>32.00</b>	<b>Sft</b>
	Providing and fixing fully glazed single leaf hung/sliding aluminium windows, ventilators (Deluxe model - 2mm) of anodized champagne or approved color of Prime, Chawala, Pakistan Cable or any approved section as approved by Engineer incharge including aluminium fittings, 5 mm local tinted glass, lugs, cutting holes and making good the damages to walls.						
	<b>Windows</b>					<b>126.00</b>	<b>Sft</b>
	Providing and fixing windows steel gril of 12mm x 12 mm filled 18 guage with wire mesh on it fixed in wall cement in proper way not exposed to external wall of any approved						



	section as approved by Engineer incharge including fittings, making good two coat of red oxide and two coat of oil paint without the damages to walls.						
	windwos gril with wire mesh					126.00	Sft
	Applying Matt finish inclding cost of coat premirer and wall patti and with approved brand (Berger, ICI or equivalent )synthetic polyvinyl emulsion finish of approved shade in two or more coats over and including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ atleast 2.20 Litre per 10 Sq.m) as per approved color and design						
	Matt finish Paint inside					480.00	Sft
	Applying weather resistant paint coating such as ICI weather shield,Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10 as per approved color and design						
	Weather coat out side					714.00	Sft
	Painting in ground floor or basement with Robbialac or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's insruction on wood work over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints.						
	Door paint and Black board					50.00	Sft
	<b>ELECTRIC WORK OF BUILDING</b>						
	Provding 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 connction with lights and fans and 8 gange switches with						

	automatic solar control regularator for fan , installation complete in all respect.						
						1.00	Job

#### D. REPAIR WORK OF SCHOOL#7

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY	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					2000.00	CFT
2	Construction of Verandah 170 feet x 10 feet, brick structure columns at 10 every feet spacing of 1.5 x1.5 ' heith 9' roof with main girder 10x 6 inch and brick tile-T-iron, and center grider at every 10 feet to columbn 8x 6 inch with 2mm thick plastic and concrete layer of 2 inch. connection with exiting room properly as per instruction of engineer						
	Total	60.0	10			1700.00	Sft
3	P.C.C Flooring : Providing & laying of 6 " P.C.C . 3" Flooring using crushed or broken stone graded 1:3:6, and 3 inch using 1:2:4 including curing, marble patti at 3 feet square and borader finishing compacting & finishing complete in all respect.						
	room					800.00	
	verandah	1.0	60	10	0.5	300.00	
	total					1100.00	CFT

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4	Roof replacement of class 2 room (15x20 ) roof with main girder 10x 6 inch 5 mm thcik at short span at 4 feet distance,concrete tile-T-iron at long span 1.5" 3 mm thick, ,top layer of wall with solid burnt will for support of girders and stiles 1.5 feet hieght and 2mm thick plastic and concrete layer of 2 inch. connection with exiting room properly as per istruction of engineer						
	Total					800.00	Sft
5	Providing and fixing 1:2:4: concrete path 6 inch including side flower Kiarai lenth 200 with 9" x1" b with solid brick and plaster						
	concrete path					500.00	CFT
6	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 covoered area of roof					3000.00	CFT
7	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					5000.00	Sft
8	White washing three coats including dusting, filling the holes,cracks and removing inequalities using color and Gelo mixing in it at if any, at any height. Including cost of door paint as oil paint for 15 doors, roof Grider ,T-rion etc complete in all respect.						
	<b>white wash</b>						
	Total					8000.00	Sft
9	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					5000.00	Sft

10	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	300.00	sft

### E. REPAIR WORK OF SCHOOL#8

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY	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					2000.00	CFT
3	Construction of Verandah 50 feet x 10 feet, brick structure columns at 10 every feet spacing of 1.5 x1.5 ' heith 9' roof with main girder 10x 6 inch and brick tile-T-iron, and center grider at every 10 feet to columbn 8x 6 inch with 2mm thick plastic and concrete layer of 2 inch. connection with exiting room properly as per isnttruction of engineer						
	Total	60.0	10			600.00	Sft
	P.C.C Flooring : Providing & laying of 6 " P.C.C . 3" Flooring using crushed or broken stone graded 1:3:6, and 3 inch using 1:2:4 including curing, marble patti at 3 feet square and borader finishing compacting & finishing complete in all respect.						

						0.00	
	verandah	1.0	60	10	0.5	300.00	
	total					300.00	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					3000.00	CFT
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					5000.00	Sft
3	White washing three coats including dusting, filling the holes,cracks and removing inequalities using color and Gelo mixing in it at if any, at any height. Including cost of door paint as oil paint for 15 doors, roof Grider ,T-rion etc complete in all respect.						
	<b>white wash</b>						
	Total					8000.00	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					5000.00	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	300.00	sft

### F. CONSTRUCTION OF THREE CLASSROOM OF SCHOOL#8

S.No	Description of Items					Quantity	Unit
	<b>Excavation in foundation</b> of buildings and bridges,including layout, dressing, refilling around structures with,excavated earth, watering & ramming lead upto 100 ft.,(30m) & lift upto 5 ft. (1.5m)						
	<b>Excavation</b>					296.00	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 upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.						
	<b>Lean</b>					37.00	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 upto 15 ft. (5m) height						
	<b>Steel</b>						
	Foundation and Columns					1.16	

	Plinth Band					0.48	
	Door Band					0.39	
	Roof Beam					0.38	
	Slab					1.11	
	<b>Total</b>					3.520	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						
	<b>Foundation beam and footing</b>					139.50	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>						
	<b>Foundation bricks</b>					214.08	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 leveling, compacting and curing.						

	<b>Column</b>					81.00	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.						
	<b>Plinth beam</b>					122.63	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>						
	<b>Brick</b>					427.56	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.						
	<b>Door band</b>					81.28	Cft
	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50 ft. (15m)						
	<b>Filling</b>					432.00	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 upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.						
	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.						
	<b>Roof beam</b>					100.13	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>slabs</b> including formwork and its removal, compacting and curing Upto 6" (150 mm) thickness i) In basement, plinth and ground floor						
	<b>Slab 6" thick with out plaster</b>					229.50	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>						
	<b>Ceiling Plaster</b>					480.00	Sft
	<b>3/4 inch (19mm) 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.						
	<b>Inside Plaster</b>					968.00	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 Upto 6" (150 mm) thickness i) In basement, plinth and ground floor							
	<b>Flooring</b>						158.40	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 In charge. mortar.							
	<b>Plinth protection</b>						55.00	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							
	<b>Front door and window frame</b>						20.00	Rft
	Providing and fixing <b>3" thick</b> First class approved wood (Keil) shutter fixed with wooden sheet and with approved nickle plated hinges and tower bolts Handle and handle Locks							

	<b>Door</b>					32.00	Sft
	Providing and fixing fully glazed single leaf hung/sliding aluminium windows, ventilators ( <b>Deluxe model - 2mm</b> ) of anodized champagne or approved color of Prime, Chawala, Pakistan Cable or any approved section as approved by Engineer in charge including aluminium fittings, 5 mm local tinted glass, lugs, cutting holes and making good the damages to walls.						
	<b>Windows</b>					126.00	Sft
	Providing and fixing windows steel grill of 12mm x 12 mm filled 18 gauge with wire mesh on it fixed in wall cement in proper way not exposed to external wall of any approved section as approved by Engineer incharge including fittings, making good two coat of red oxide and two coat of oil paint without the damages to walls.						
	<b>windows grill with wire mesh</b>					126.00	Sft
	Applying Matt finish including cost of coat premier and wall Patti and with approved brand (Berger, ICI or equivalent )synthetic polyvinyl emulsion finish of approved shade in two or more coats over and including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ at least 2.20 Litre per 10 Sq.m) as per approved color and design						

	<b>Matt finish Paint inside</b>					480.00	Sft
	Applying weather resistant paint coating such as ICI weather shield, Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ at least 3.50 litre per 10 as per approved color and design						
	<b>Weather coats out side</b>					714.00	Sft
	<b>Painting</b> in ground floor or basement with Robbialac or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instruction on <b>wood work</b> over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints.						
	<b>Door paint and Black board</b>					50.00	Sft
	<b>ELECTRIC WORK OF BUILDING</b>						
	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 gauge switches with automatic solar control regulator for fan , installation complete in all respect.					1.00	Job

**G. REPAIR WORK OF SCHOOL#9**

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY	UNIT
<b>1</b>	Dismantling the roof of two rooms 15x15 & 25x15 mud structure room completely Removing complete mud structure roof including plastering, bambos roof material and carriage of surplus material ways from school, use for filling where required as per instruction and take away the surplus material and dispose away 5 km from school.						
	dismantling of two rooms 15x15 & 25x15 mud structure room completely						
	Total					1.00	Job
<b>1</b>	Dismantling old mud structure wall and used the material for filling in school.						
	Total					800.00	cft
	Roof replacement of class 2 room 25x15 roof with main girder 10x 6 inch 5 mm thcik at short span at 4 feet distance, concrete tile-T-iron at long span 1.5" 3 mm thick, ,top layer of wall with solid burnt will for support of girders and stiles 1.5 feet height and 2mm thick plastic and concrete layer of 2 inch. connection with exiting room properly as per instruction of engineer						
	roof replacement					750.00	sft
<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					2000.00	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						

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	Total covered area of roof					8000.00	CFT
2	Construction of two toilets of size 8x10 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					1.00	Jobs
3	Providing and fixing the 1" PVC pipe connection from water tank to toilets and where damaged as per instruction of focal person						
	<b>Pipe connection</b>						
	Total					300.00	RFT
3	Filling of toilets pits with dismantled soil and bricks, and connecting existing toilets with proper sewage existing tanks by providing 4 inch pipes brick works and concrete 1:2:4 layer for protection.						
	Total					2.00	Job
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					8000.00	Sft
3	White washing three coats including dusting, filling the holes, cracks and removing inequalities using color and Gelo mixing in it at if any, at any height. Including cost of door paint as oil paint for 15 doors, roof Grider, T-rion etc complete in all respect.						
	<b>white wash</b>						
	Total					10000.00	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					5000.00	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	500.00	sft

#### H. REPAIR WORK OF SCHOOL#10

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY	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					2000.00	CFT
3	Repair of damaged room, by lifting roof at spot of girder with Jack and placing solid brick on wall and placing roof back (5 by 5 feet damaged roof). changing roof tile and layer of concrete						
	Total					1.00	Job
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					3000.00	CFT





**I. REPAIR WORK OF SCHOOL#11**

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY	UNIT
	Dismantling Works; Removing old mud structure three damaged class rooms , 5 toilets completely and use dispose material for filling the side drain with compaction as per instruction of engineer	1.00				1.00	Job
<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					2000.00	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					3000.00	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					5000.00	Sft
<b>2</b>	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 out side school 50 feet far .as per instruction of engineer						
	construction of toilets					6.00	Jobs



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		1	500	2	0.25	<b>250</b>	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	0.50	<b>500</b>	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	1.00		
	<b>2ND STEP</b>						
		2nd	500	1.125	1.00		
						<b>1312.50</b>	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		<b>562.50</b>	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	500	0.75	8.00		
	Deduction columns	50	0.75	0.75	8.00		
						<b>2775.0</b>	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	500	1.3	0.75	<b>487.50</b>	
	COLUMN 03	7	0.75	0.75	10.00	<b>39.375</b>	
						<b>526.875</b>	CFT
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	500	1.125	0.25		



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		500.00	500	RFT

### K. CONSTRUCTION OF BOUDNRY WALL OF SCHOOL#11

S.No	Description of Items					Quantity	Unit
	Excavation in foundation of buildings and bridges, including layout, dressing, refilling around structures with, excavated earth, watering & ramming lead upto 100 ft.,(30m) & lift upto 5 ft. (1.5m)						
	Excavation					296.00	Cft
	Providing and laying plain hand mixed 1 : 4 : 8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.						
	Lean					37.00	Cft
	Providing, fabricating and laying deformed Grade 60 steel reinforcement (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 upto 15 ft. (5m) height						

	Steel						
	Foundation and Columns					<b>1.16</b>	
	Plinth Band					<b>0.48</b>	
	Door Band					<b>0.39</b>	
	Roof Beam					<b>0.38</b>	
	Slab					<b>1.11</b>	
	Total					<b>3.520</b>	<b>ton</b>
	Providing and laying 1:2:4 cement concrete 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					<b>139.50</b>	<b>Cft</b>
	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing with 1:3						
	Foundation bricks					<b>214.08</b>	<b>Cft</b>

	Providing and laying 1 : 2 : 4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.						
	Column					<b>81.00</b>	<b>Cft</b>
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, 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					<b>122.63</b>	<b>Cft</b>
	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing with 1:3						
	Brick					<b>427.56</b>	<b>Cft</b>
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, 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.						
	Door band					<b>81.28</b>	<b>Cft</b>
	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50 ft. (15m)						
	Filling					<b>432.00</b>	<b>Cft</b>

	Providing and laying plain hand mixed 1 : 4 : 8 cement concrete using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.						
						<b>144.00</b>	<b>Cft</b>
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, 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.						
	Roof beam					<b>100.13</b>	<b>Cft</b>
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing Upto 6" (150 mm) thickness i) In basement, plinth and ground floor						
	Slab 6" thick with out plaster					<b>229.50</b>	<b>Cft</b>
	Cement plaster 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. 1/2 inch (13mm) thick cement sand plaster 1:4						
	Ceiling Plaster					<b>480.00</b>	<b>Sft</b>
	3/4 inch (19mm) thick cement plaster 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					<b>968.00</b>	<b>Sft</b>



	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing Upto 6" (150 mm) thickness i) In basement, plinth and ground floor						
	Flooring					<b>158.40</b>	<b>Cft</b>
	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 1:3:6 concrete base using crushed aggregate laid in panels or approved pattern including formwork, curing, and surface finishing as approved by Engineer In charge. mortar.						
	Plinth protection					<b>55.00</b>	<b>%Cft</b>
	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					<b>20.00</b>	<b>Rft</b>
	Providing and fixing 3" thick First class approved wood (Keil) shutter fixed with wooden sheet and with approved nickle plated hinges and tower bolts Handle and handle Locks						
	Door					<b>32.00</b>	<b>Sft</b>

	Providing and fixing fully glazed single leaf hung/sliding aluminium windows, ventilators (Deluxe model - 2mm) of anodized champagne or approved color of Prime, Chawala, Pakistan Cable or any approved section as approved by Engineer in charge including aluminium fittings, 5 mm local tinted glass, lugs, cutting holes and making good the damages to walls.						
	Windows					<b>126.00</b>	<b>Sft</b>
	Providing and fixing windows steel grill of 12mm x 12 mm filled 18 gauge with wire mesh on it fixed in wall cement in proper way not exposed to external wall of any approved section as approved by Engineer in charge including fittings, making good two coat of red oxide and two coat of oil paint without the damages to walls.						
	windows gril with wire mesh					<b>126.00</b>	<b>Sft</b>
	Applying Matt finish including cost of coat premier and wall patti and with approved brand (Berger, ICI or equivalent )synthetic polyvinyl emulsion finish of approved shade in two or more coats over and including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ atleast 2.20 Litre per 10 Sq.m) as per approved color and design						
	Matt finish Paint inside					<b>480.00</b>	<b>Sft</b>
	Applying weather resistant paint coating such as ICI weather shield, Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10 as per approved color and design						
	Weather coat out side					<b>714.00</b>	<b>Sft</b>



**L. REPAIR WORK OF SCHOOL#49**

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY	UNIT	RATE
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					2000.00	CFT	10.00
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					8000.00	CFT	100.00
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					5000.00	Sft	80.00
3	White washing three coats including dusting, filling the holes, cracks and removing inequalities using color and Gelo mixing in it at if any, at any height. Including cost of door paint as oil paint for 15 doors, roof Grider ,T-rion etc complete in all respect.							
	<b>whitewash</b>							
	Total					10000.00	Sft	20.00
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					5000.00	Sft	40.00

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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	200.00	sft	70.00