

**ANNEX-B- SCOPE OF WORK  
LOT# 5 FOR SARANAN REFUGEES**

**A. REPAIR WORK OF SCHOOL# 12**

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY	UNIT
1	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 22 doors, roof Grider ,T-rion etc complete in all respect.						
	<b>white wash</b>						
	Total					8000.00	SFT
2	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.						
	1	1.0	60	40	0.5	1200.00	
	2	1.0	50	15	0.5	375.00	
						1575.00	CFT
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					2000.00	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	200.00	SFT

**B. REPAIR WORK OF SCHOOL# 13**

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					7500.00	CFT
2	Providing and laying 2mm thick plastic and layer of Mud Plaster 2 to 2.5 inch on roof of all school rooms and hall of school and toilets adding straw etc.As per instruction of engineer						
	Total covered area of roof					7500.00	CFT

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3	Providing and laying Mud Plaster On boundary wall,or Walls of rooms and hall of school including the cost of wood burada/strraw						
	<b>Mud Plaster NSR</b>						
	Total					10000.00	Sft
	Providing and fixing 1st class brick work in 1:4 motor on side school ground insde school in step plastering with 1:6 cement sand and top with 1:2:4 concrete and provison of						
	brick work around	4.0	150	3	0.75	1350.00	
	steps	4.0	10	1	3	120.00	
		Total				1470.00	CFT
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 40 doors, roof Grider ,T-rion etc complete in all respect.						
	<b>white wash</b>						
	Total					15000.00	Sft

## C. REPAIR WORK OF SCHOOL# 14

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY
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					4000.00
2	Providing and laying 2mm thick plastic and layer of Mud Plaster 2 to 2.5 inch on roof of all school rooms and hall of school and toilets adding straw etc.As per instruction of engineer					
	Total covered area of roof					4000.00
3	Construction of Verandah 100 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
	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
	2	60.0	10	1	0.5	300.00
						300.00

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3	Providing and laying Mud Plaster On boundary wall,or Walls of rooms and hall of school including the cost of wood burada/straw					
	<b>Mud Plaster NSR</b>					
	Total					8000.00
	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.					
		1.0	100	50	0.5	2500.00
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 22 doors, roof Grider ,T-rion etc complete in all respect.					
	<b>white wash</b>					
	Total					10000.00

**D. REPAIR WORK OF SCHOOL# 15**

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY
1	Dismantling Works Removing mud from roofs, including plastering and leaping, bambos, straw etc with out removing girders.					
	Total					7500.00

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3	<b>Note with out Girders:</b> Roof replacement roof of class rooms -T-iron at long span 1.5" 3 mm thick , including cost of bambos, in long direction at every 2 feet distance, long straws, pakals, mats 2mm thick plastic and layer of 2 inch mud plaster with straws as per isnrtrution of engineer and providng 3 inch pipe for drain and side solid brick for protection.					
		4380.0				4500.00
	Total					4500.00
3	Dismantling old damaged Verandah and Construction of Verandah 100 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 column 8x 6 inch with 2mm thick plastic and concrete layer of 2 inch. connection with exiting room properly as per instruction of engineer					
	Total	100.0	10			1000.00
	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 boarder finishing compacting & finishing complete in all respect.	100.0	10		0.5	500.00
2	Providing and laying 2mm thick plastic and layer of Mud Plaster 2 to 2.5 inch on roof of all school rooms and hall of school and toilets adding straw etc.As per instruction of engineer					
	Total covered area of roof					5000.00
3	Providing and laying Mud Plaster On boundary wall,or Walls of rooms and hall of school including the cost of wood burada/straw					
	<b>Mud Plaster NSR</b>					
	Total					10000.00

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 40 doors, roof Grider ,T-rion etc complete in all respect.						
	<b>white wash</b>						
	Total						15000.00

**E. REPAIR WORK OF SCHOOL# 16**

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	Providing and laying 2mm thick plastic and layer of Mud Plaster 2 to 2.5 inch on roof of all school rooms and hall of school and toilets adding straw etc.As per instruction of engineer						
	Total covored area of roof					2000.00	CFT
3	Providing and laying Mud Plaster On boundary wall,or Walls of rooms and hall of school inlcuding 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 40 doors, roof Grider ,T-rion etc complete in all respect.						
	<b>white wash</b>						
	Total					8000.00	Sft

## F. REPAIR WORK OF SCHOOL# 22

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY
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
2	Providing and laying 2mm thick plastic and layer of Mud Plaster 2 to 2.5 inch on roof of all school rooms and hall of school and toilets adding straw etc.As per instruction of engineer					
	Total covered area of roof					2000.00
3	Providing and laying Mud Plaster On boundary wall,or Walls of rooms and hall of school including the cost of wood burada/straw					
	<b>Mud Plaster NSR</b>					
	Total					5000.00
	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.	2.0	50	40	0.5	2000.00
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 40 doors, roof Grider ,T-rion etc complete in all respect.					
	<b>white wash</b>					
	Total					8000.00



## G. REPAIR WORK OF SCHOOL# 23

S.NO	DESCRIPTION	NO	LENGTH	WIDTH	H/D	QUANTITY
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
2	Providing and laying 2mm thick plastic and layer of Mud Plaster 2 to 2.5 inch on roof of all school rooms and hall of school and toilets adding straw etc.As per instruction of engineer					
	Total covovered area of roof					2000.00
3	Providing and laying Mud Plaster On boundary wall,or Walls of rooms and hall of school including the cost of wood burada/strraw					
	<b>Mud Plaster NSR</b>					
	Total					5000.00
4	Dismantling old roof and re consturction of Twoo room Roof replacement roof of class rooms -main Girdler 8x6 in 5 mm thick at 4 feet space , T-iron at long span 1.5" 3 mm thick at every two feet, , , in long direction at every 2 feet distance, long straws, pakals, mats 2mm thick plastic and layer of 2 inch mud plaster with straws as per isntrution of engineer and providng 3 inch pipe for drain and side solid brick for protection.					
		800.0				800.00
	Total					800.00

	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.	2.0	50	40	0.5	2000.00
5	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 40 doors, roof Grider ,T-rion etc complete in all respect.					
	<b>White wash</b>					
	Total					8000.00

#### F. CONSTRUCTION OF CLASS ROOM AT SCHOOL# 23

S.NO	DESCRIPTION	NO	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>	<b>139.50</b>	<b>TON</b>
	<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	139.50	Cft

	<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.		
		144.00	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 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 Incharge. 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 incharge 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 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.		
	<b>windows gril with wire mesh</b>	126.00	Sft
	Applying Matt finish inclding cost of coat primier 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		
	<b>Matt finish Paint inside</b>	480.00	Sft

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	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		
	<b>Weather coat 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 insruction 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 ganged switches with automatic solar control regulator for fan , installation complete in all respect.	1.00	Job