



Jagorani Chakra Foundation

(a national social welfare organisation)



Memo No: JCF/Admin/p&p-025/2026/3517

Date: 16/08/2026

Schedule No: 04

Schedule and specifications for 5 Primary School Construction and Rehabilitation as per given details for the project of "Steps to a Bright Tomorrow: Education for Adolescent and Youth in Cox's Bazar" of Jagorani Chakra Foundation (JCF).

Lot:1

A.1- Name of Work : Al Helal Primary School (6 Classroom) Construction.

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
1.a	Site Mobilization & Layout Work: Water & Electric supply for working by vendor, Any accident & damage laible by vendor, Mud 2 School Building broken & leveling, Must be use safety security materials (Vest & Helment), will have 1 first aid box with sufficient medicine & 1 Construction PVC banner hanging on any wall (4'-0"X3'-0" & sample supply by JCF), need 1 temporary store room & 1 temporary office room (10'-0"X10'-0") with sitting (1 plastic table & 4 plastic chair), need 1 temporary brick soaking house (10'-0"X5'-0"X4'-0"), will have one site engineer & one curing man, 3 set drawing printout with color & A3 page (1 set Engineer, 1 Vendor & 1 School), Regular Maintain MB, Mobilization for materials, equipment, tools, and plants, need one temporary labor shed & one pit latrine for proper sanitation of worker , water facilities for labor and cleaning all project after completed works, etc. Cement: Shah Special/Crown/Diamond, Rod-BSRM/KSRM/AKS , all completed as per specifications, design and direction of the engineer in charge. (School Room: 114'-8"X24'-1" + Stair: 18'-0"X3'-0" + Extra: 184.40 sft = 3000.0sft)	SFT	3,000.00			
1.b	Soil Cutting & Filling: One side soil cutting & others side soil filling, School Building Area Leveling Purpose (Lead distance aveage 50'-0"). (Volume: 100'X10'-0"X2'-0" = 2000.0 cft)	CFT	2,000.00			
2	Earth Cutting & Filling for 15" & 10" Wall Footing: Earth excavating to the lines, grades and elevation as shown in the drawing providing center lines, local bench mark pillars, fixing bamboo spikes and marking layout with chalk powder filling baskets, carrying and disposing of all excavated Earthwork in excavation of foundation trenches, materials at a safe distance designated by the E- I-C in all types of soils except rocky, gravelly, slushy or organic soil, leveling, ramming, dressing and preparing the base, etc. all complete for an initial excavation depth of 2m and an initial lead not exceeding 20m, including arranging all necessary tools and equipment at work site, etc. all complete and accepted by the Engineer-in-charge. (All wall: 424.42'X2'-0"X1'-9" + Extra: 114.53 cft = 1600.0cft)	CFT	1,600.00			
3	Sand filling: Sand filling in School floor with sand having F.M. 0.5 to 0.8 in 300 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test or DCP-25N=300mm maximum) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge. (School Room: 114'-8"X24'-1"X1'-0" + All wall 2 side: 424.42'X1'-0"X1'-9" + Extra: 195.66 cft = 3700.0cft)	CFT	3,700.00			
4	Polythine: Use Polythine one Layer (100GSM) at under BFS (Floor) & CC Work (Wall Footing), good quality accepted by the Engineer-in-charge (Main Floor: 114'-8"X24'-1" + Stair: 18'-0"X3'-0" + Wall Footing: 424.42'X1'-6" + Extra: 147.77 sft = 3600.0 sft).	SFT	3,600.00			
5	One layer of brick flat soling (BFS): One layer of brick flat soling in floor with first class or picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer -in- Charge. (Main Room: 114'-8"X24'-1" + Extra: 38.40 sft = 2800.0sft)	SFT	2,800.00			
6	Mass concrete (1:2:4): Mass concrete in floor (Use Mixture Machine) & wall footing base with cement sand (F.M. 1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc, all complete and accepted by the Engineer -in-charge. (Main Floor: 114'-8"X24'-1"X0'-3" + Wall Footing: 424.42'X1'-6"X0'-3" + Stair: 18'-0"X3'-0"X0'-3" + Extra: 36.84cft = 900.00 cft)	CFT	900.00			
7	375 & 250mm brick work: 375 & 250mm brick work with 1st class bricks in cement mortar (1:5) in wall foundation with Portland Composite Cement and best quality sand (minimum FM-1.2), filling the interstices tightly with mortar, raking out in-outside joints , cleaning and soaking bricks (2hour minimum) at least for 24 hours before use, netting & washing of sand , curing for requisite period etc, all complete as per direction of the E-I-C. (All wall-bottom: 424.42'X1'-3"X1'-0" + All wall-top: 424.42'X0'-10"X2'-0" + Stair: 18'-0"X3'-0"X2'-0" + Latrine side & Extra: 156.93cft = 1500.00cft)	CFT	1,500.00			

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SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
8	Damp proof course, DPC (1:1.5:3) with shuttering work (2side): Thickness 50mm of cement concrete with cement, sand and picked jhama brick pie chips, screening, centering, shuttering, casting, curing and finishing with add admixture (Use Construction Chemical for Damp proofing : Doctor Fixed, Pudlo, Foam lub, ETC & 1 Bag Cement = 250gm) including the supply of water, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Room Main wall: 350.84'X0'-5"X0'-2" + Extra: 5.0 cft =30.00cft)	CFT	30.00			
9	125mm brick work: 125mm brick work with 1st class bricks/automatic machine made 1st class bricks in cement mortar (1:4) with Portland Composite Cement and best quality sand (minimum FM1.2) and making bond with connected walls with uniform width and depth joints, true to vertical and horizontal lines in/c necessary scaffolding, raking out in-outside joints , cleaning and, soaking (2hour minimum) the bricks at least for 24 hours before use, netting & washing of sand , curing for requisite period etc, all complete and accepted by Engineer-in-charge. (Main Room: 350.84'X9'-6" (Lintel-6") + 10" Column: 30NX0'-10"X10'-0" - Deduct (Dor & Window): 6X3'-6"X7'-0"-21X6'-0"X4'-6" + Extra : 132.02 sft = 3000.0sft)	SFT	3,000.00			
10	Rod Work at Lintel & Sunshade : Supplying and fabrication of Ribbed or deformed bar reinforcement (60Grade) for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1) , supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and accepted by Engineer-in-charge. (Lintel Main Rod: 350.84'X4X0.18kg + Ring: 450NX2'X0.12kg + Sunshade H+V: 2X4NX169.42'X0.18kg + all Column Top: 30NX1'X12'X0.18kg + Lapping & Extar: 130.63kg = 800.00Kg)	KG	800.00			
11	RCC Work at Lintel & Sunshade with all materials (with shutter work): Reinforced cement concrete works with minimum cement content relates to mix ratio (1:2:4) and maximum water cement ratio 0.45 having minimum required average strength, $f_{cr} = 24$ Mpa and satisfied a specified compressive strength $f_c = 17$ Mpa at 28 days on standard cylinders as per $f_c = 17$ Mpa at 28 days on standard cylinders as per standard practice and Portland Composite Cement conforming to BDS EN 197-1 : 2003 CEM-II 42.5N sand of 50mm (without plasticizer) & 75mm to 100mm (when plasticizer use), pouring, casting, compacting by mechanical vibrator machine and curing at least for 28 days and accepted by Engineer-in-charge. (Tana Lintel: 350.84'X0'-5"X0'-6" + Sunshade: 169.42'X1'-3"X0'-3" + Extra: 23.37cft = 150.00cft)	CFT	150.00			
12	MS Window Work (Size 6'-0"X4'-6" & choklet color paint): Shutter with frames & grill as per drawing & design having requisite Nos. of vertical and horizontal standard MS angle (19mm x 19mm x3mm) and 'Z' section (19mm x 19mm x 19mm x 3mm) for shutter and MS flat bar (25mm x4.5mm) and (19mm x 3mm) and 10mmx10mm (25mm x 4.5mm) and (19mm x 3mm) and 12mm x 12mm square bar welded horizontally @ 125mm at inside face of frame of window shutter with F.I. clamp 75mm x 3mm duly embedded in Cement Concrete (1:2:4) and mending good the damages in/c finishing the intersecting points by filling with all cost of charges for fabrication and manufacture by welding, riveting, etc. supplying all essential fittings like stopper, handle, 3 nos catch hooks, 300mm long adjustable iron cleats, 50mm long pin hinges, 150mm long clamps for fitting frame in/c supplying, fitting, fixing 22 BWG M.S. sheet & 5 mm transparent polycarbonate or acrylic sheet in position welded to steel shutter with (19mmx3mm) MS flat bar stiffener and putty and painting the window with two coats of synthetic enamel paint over a coat of anticorrosive priming , etc for all floors. all complete as per direction of E-I-C.	NOS	21.00			
13	MS Door Work (Size 3'-6"X7'-0" & choklet color paint): Supplying fitting and fixing steel door frame & shutter with 18 BWG MS sheet/plain plate hinged to columns reinforcement with 38mm x 38mm x 5mm MS Angle and 25mm x 6mm flat bar stiffener and putty and painting the with two coats of synthetic enamel paint over a coat of anticorrosive priming , etc. all complete as per drawing and direction of E-I-C.	NOS	6.00			
14	Plaster Work (Wall): Minimum 12mm thick cement plaster (1:5) with Portland Composite cement and best quality sand (minimum FM-1.2) to wall both inner and outer surface, finishing the corner and washing & netting of sand (salt free) , scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Main Room: 2X350.84'X9.5' + Sunshade: 169.42'X2.75' + Column Side: 30NX0'-10"X9.5' - Deduct (Dor & Window): 2X6X3'-6"X7'-0"-2X21X6'-0"X4'-6" + Extra & Kola : 259.58 sft = 6200.0sft)	SFT	6,200.0			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
15	Plaster with Net Cement Finishing (Floor-Red-Oxide & skirting-black paint) Work : Minimum 12mm thick cement plaster (1:5) with Portland Composite cement and best quality sand (minimum FM-1.2) to wall both inner and outer surface, finishing the corner and edges in / c netting & washing of sand (salt free) , cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (School Floor: 114'-8"x24'-1" + Inside 6" Wall one side: 1X169.42'X0'-6" + Inside 6" Wall double side: 2X181.42'X0'-6" + Out side 24" Bottom wall: 265.92'X 2'-0"+ Stair: 25'-0"X5'-0" + Extra & Kobra: 115.43sft = 3800.00 sft).	SFT	3,800.00			
16	Paint Work (Plastic Paint at Inside and Weather Coat at outside, Brand: Berger/Asian/Rainbow/Equivalent): Sealer 1 coats, use readymade putting & rub, 2 coats paint, surface cleaning to free from all foreign materials before application of each coat, applying one vertical and one horizontal wash for each coat and successive coat is to be applied after drying up of previous coat including hair brass, providing necessary scaffolding and cleaning plinth, floors, doors, windows, portions and ventilators by washing, rubbing, oiling if necessary after white wash for all floors including cost of water, electricity and other charges etc. complete in all respect in all floors and accepted by the Engineer-in-charge (As per plaster quantity)	SFT	6,200.00			
17	MS Angle for Roof work with red oxide & 2 coat enamel (Blue Color) paint & use RFL plastic tap (2-3mm thick) on all purlin (Brand- BSRM/AKS/VSL/Equivalent): Supplying and making well Roof angle having requisite vertical and horizontal standard 2"x2"x4mm MS angle. Roof shape rectangular shed and works in frames of roof truss of required length and size with wall plates as per design in/c. length and size with wall plates as per design in/c supplying, fabricating, hoisting, scaffolding, fitting and fixing in position with bolts and nuts for all floors etc. all complete as per direction of the E-I-C. (As per design & Floor area 3000sft @ 1.5 Kg)	Kg	4,500.00			
18	Roof Color CGI Sheet Work (Including Lapping): Supplying, fitting and fixing 0.46mm thick galvanized iron corrugated locally available color (Green Color) sheet (Abul Khair/PHP/KY/Jalalabad/Equivalent) having minimum weight 45-50 kg per bundle (2'-6" width and long 8', 7' & 6' rft according to space measurement) roofing fitted and fixed on MS sections with 'Roofing Screw' limpet washers, bitumen washers and putty etc. all complete as per direction of the E-I-C (As per design & Floor area 3000sft @ 1.35 SFT)	SFT	4,050.00			
19	Roof Color Plain Sheet for Ridging Work (Including Lapping): CGI 0.46mm thick galvanized iron plain sheet, Green Color, ridging with 300 mm lap on either side fitted (Abul Khair/PHP/KY/Jalalabad/Equivalent) and fixed with galvanized bolts and nuts etc. all complete as per direction of the E-I-C.	RFT	250.00			
20	Verandah Post (uPVC Pipe with RCC Work): Use 6" dia D-Class uPVC pipe (RFL/Matador/Equivalent), Use 3-10mm Rod & Ring 8" C/C 6mm Rod. Casting ratio 1:2:4, Making, fitting all complete and accepted by the Engineer-in-charge.	Nos	11.00			
21	PVC Ceiling (Size: 24"x24"): PVC Ceiling Fitting fixing with Aluminium fram, PVC board-made by robust plastic material, 18N GI wire, better known as PVC. PVC Ceilings offer a sanitary environment for concerned parents and a stylish look, quick-to-install solution, modern and an entire house ceiling can be installed in less than a day, with no dust or mess and accepted by the Engineer-in-charge. (Main Room Ceiling Only: 18X17X6= 1836.0sft + Extra: 64sft = 1900.0 sft).	SFT	1,900.00			
22	Black Board (10'-0"x4'-0") : All completed as per need (Black color good paint & out side border-2"x2") and accepted by the Engineer-in-charge. (As per Government Primary School).	NOS	6.00			
23	Water Tank: Gazi/ Modina/RFL/N Mohmmmed (500 litter & Food Grade) install on wash room roof including all Connection with submersible pump to tank & all fitting and accepted by the Engineer-in-charge.	NOS	1.00			
24	1HP Submersible Pump: Supply & instalation of 1Nos 1HP Submersible Pump (RFL/Gazi/Equivalent), use 120-150 feet 1" column pipe with electric cable & 1" dia uPVC delivery pipe to water tank conection (100-150feet), Pump house making by brick wall, plaster & Plain sheet cover with lock-65mm (3'-0"x3'-0"x3'-0") completed, all fitting & connection (Package work for drinking water supply & Need water Test Report) and accepted by the Engineer-in-charge.	NOS	1.00			
25	Boring & Pipe Fitting Work (Variable): 3" Dia Boring, Use D-Class 3" dia uPVC pipe & strainer =30'-0" (RFL/Matador/equivalent), Use adequate sand, gravel & Ventonite Powder, all fitting & connection (Package work) and accepted by the Engineer-in-charge.	RFT	300.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
26	Name Plate (Size: 2'-6"X2'-0" & Thickness-10mm) : Supply Slate stone & digging in plate, Fitting, Fixing all complete & all complete (পাথরের উপরে খোদাই করে সকল লেখা হবে) and accepted by the Engineer-in-charge (Project & School name, Donor details, 3/4 Nos Logo, work details, Written supply by JCF)	NOS	1.00			
27	Signboard (5'-0"X4'-0") : 18 SWG MS sheet with 10'-0" stand by 3" dia MS pipe (Thickness-3mm) with painting (1coat red-oxide, 2 coat enamel), 15"X15"X15" CC Casting & all complete (স্টিকার প্রিন্ট শিটের উপরে হবে) and accepted by the Engineer-in-charge (Project & School name, Donor details, 3/4 Nos Logo, work details, Written supply by JCF)	NOS	1.00			
28	Name Plate: Name plate with SS sheet (size: 1'-0"X0'-6") with written (Classroom, Office, ETC), Supply & Fitting at outside wall & on door top, all complete and accepted by the Engineer-in-charge.	NOS	6.00			
29	Ramp: Earth cutting, Sand filling, Width-4'-0", Two side will be brick work as per need (10"), One Layer BFS, 3" CC casting at top & plaster with small bit, 2" dia MS post (4ft C/C, H-4ft, T-4mm) and 2" dia MS hand railing (T-4mm) at two side, Post & hand railing will be proper welded, 10"x10"x12" CC work need for every post setting, Ramp slope will be 1:12, Ensure paint (1coat red-oxide+2coat enamel paint) work on MS all post & railing, other all specification taken from drawing, all complete and accepted by the Engineer-in-charge.	Rft	18.00			
30	Safety Fencing (Height-48") at Pond side : Use 8mm Rod (Cross section) 6"C/C & Fitting with 50X50X4mm Angle (2Nos) and 2" dia MS Post (Height-6'-0" & Thickness-2-3mm) 8'-0" C/C (Use proper welding), CC casting at all post bottom (12"X12"X12"), Will have 1 gate 5'-0" & 1 Lock system & 65mm lock supply, all complete and accepted by the Engineer-in-charge.	RFT	100.00			
31	Electrical Wiring (Conceal wiring at wall & Flexible pipe wiring at roof) : Use PVC pipe wall grade (1/2"-3/4"-1") with best quality and use Cable (Room start to End Main line & all socket-2.5 RM and all others service line-1.5 RM) with best quality and Plastic Gang Board (Room inside-36 + Verandah-2), 4 gang switch=6+1, Power Sockets=6, Fan Regulator=24, Electric connection from existing electric line, (Brand: RFL/Bizli/BRB/Click/Superstar/Equivalent) all complete (Pakage work) and accepted by the Engineer-in-charge.	Paka-ge	1.00			
32	Energy Saving Light with Holder: 18 Watt (Brand: Philips/Superstar/Energypac/Equivalent) with fitting as per need (Room-18 & Verandah-2), all complete and accepted by the Engineer-in-charge.	NOS	20.00			
33	Circuit Breaker & Box: 63 AMP (Brand: Click/Energypac/Equivalent), supply & fitting on wall inside all complete and accepted by the Engineer-in-charge.	NOS	6.00			
34	Ceiling Fan & Fan Hook: 56 inch 3-metal fan blades, (Brand: BRB/Superstar/Vision/Equivalent) with supply & fitting as per need & all complete and accepted by the Engineer-in-charge.	NOS	24.00			

A.2- Name of Work: 2 Wash Facility with Septic Tank & Soak well Construction for Al Helal Primary School.

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
1	Site Mobilization & Layout Work: Water & Electric supply for working by vendor, Any accident & damage laible by vendor, Must be use safety security materials (Vest & Helmet), will have 1 first aid box with sufficient medicine, 3 set drawing printout with color & A3 page (1Engineer, 1 Vendor & 1 School), Regular Maintain MB, Mobilization for materials, equipment, tools, and plants, temporary labor shed to arrange proper sanitation, water facilities for labor and cleaning all project after completed works, etc. Cement: Shah Special/Crown/Diamond, Rod-BSRM/KSRM/AKS , all completed as per specifications, design and direction of the engineer in charge. (School Room: Wash Room: 14'-8"X15'-9" + Extra: 18.94sft = 250.00sft)	SFT	250.00			
2	Earth Cutting & Filling for 15" & 10" Wall Footing: Earth excavating to the lines, grades and elevation as shown in the drawing providing center lines, local bench mark pillars, fixing bamboo spikes and marking layout with chalk powder filling baskets, carrying and disposing of all excavated Earthwork in excavation of foundation trenches, materials at a safe distance designated by the E- I-C in all types of soils except rocky, gravelly, slushy or organic soil, leveling, ramming, dressing and preparing the base, etc. all complete for an initial excavation depth of 2m and an initial lead not exceeding 20m, including arranging all necessary tools and equipment at work site, etc. complete as per dir. of the E-I-C. (Wash Room: 3X14'-8"X1'-9"X2'-0"+3X15'-9"X1'-9"X2'-0" + Extra: 20.59cft= 340.00cft)	CFT	340.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
3	Sand filling: Sand filling in School floor with sand having F.M. 0.5 to 0.8 in 300 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test or DCP-25N=300mm maximum) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge. (Wash Room: 14'-8"X15'-9"X1'-0" + Stair: 8'-0"X3'-0"X1'-6" + Wall 2 side & Extra: 132.94cft= 400.0cft)	CFT	400.00			
4	Polythine: Use Polythine one Layer (100GSM) at under BFS & CC Work (Wall Footing), good quality accepted by the Engineer-in-charge (Wash room floor: 14'-8"X15'-9" + Wall footing: 91.38'X1'-6" + Extra: 31.87sft= 400.0sft).	SFT	400.00			
5	One layer of brick flat soling: One layer of brick flat soling in foundation & floor with first class or picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer -in- Charge. (Wash Room: 14'-8"X15'-9" + Extra: 18.94sft = 250.00cft)	SFT	250.00			
6	Mass concrete (1:2:4): Mass concrete in floor & wall footing base with cement, sand (FM-1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc. including NCF in floor, all complete and accepted by the Engineer -in-charge. (Wall Footing: 91.38'X1'-6"X0'-3" + Wash Room: 14'-8"X15'-9"X0'-3" + Pit Floor: 2X3'-0"X3'-0"X0'-3" + Stair Step: 8'-0"X3'-0"X0'-3" + Extra: 12.46cft = 115.00cft)	CFT	115.00			
7	375 & 250mm brick work:- 375 & 250mm brick work with 1st class bricks in cement mortar (1:5) in foundation and plinth with Portland Composite Cement and best quality sand (minimum FM-1.2), filling the interstices tightly with mortar, raking out in-outside joints , cleaning and soaking bricks (Need brick soaking at plastic drum & soak minimum 2hr) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Wash room wall-bottom: 91.38'X1'-3"X1'-0" + Wash room wall-top: 91.38'X0'-10"X2'-0" + Stair: 8'-0"X3'-0"X2'-0" + Extra: 16.08cft = 330.00cft)	CFT	330.00			
8	Damp proof course (DPC) 50mm (1:1.5:3) with shuttering work (2side) of cement concrete with cement, sand and picked jhama brick chips, screening, centering, shuttering, casting, curing and finishing with add admixture (Use Padlo, 1 Bag Cement = 2.50kg) including the supply of water, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Wash Room: 91.38'X0'-5"X0'-2" + Extra: 3.47cft = 10.00cft)	CFT	10.00			
9	125mm brick work : 125mm brick work with 1st class bricks/automatic machine made 1st class bricks in cement mortar (1:4) with Portland Composite Cement and best quality sand (minimum FM1.2) and making bond with connected walls with uniform width and depth joints, true to vertical and horizontal lines in/c necessary scaffolding, raking out in-out joints , cleaning and soaking the bricks (Need brick soaking at plastic drum & soak minimum 2hr) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Wash Room: 91.38'X7'-0" + 10" Column: 9NX0'-10"X7'-0" + Pit: 2X9'-0"X2'-0" - Deduct (Dor & Window): 4X3'-6"X7'-0" - 4X5'-0"X1'-0" + Extra : 40.05 sft = 650.0sft)	SFT	650.00			
10	Rod Work at Lintel, Sunshade & Verandah Post : Supplying and fabrication of Ribbed or deformed bar reinforcement (60Grade) for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. (Wash Room Roof Both way: 2X18'X18'X0.18kg (6" C/C) + Lapping, Pit slab & Extar: 23.36kg = 140.00Kg)	KG	140.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
11	RCC Work at Wash Room Roof (with Shuttering work): Reinforced cement concrete works with minimum cement content relates to mix ratio (1:2:4 & use mixture machine for roof casting) and maximum water cement ratio 0.45 having minimum required average strength, $f_{cr} = 24$ Mpa and satisfied a specified compressive strength $f_c = 17$ Mpa at 28 days on standard cylinders as per $f_c = 17$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and Portland Composite Cement conforming to BDS EN 197-1 : 2003 CEM-II 42.5N sand of 50mm (without plasticizer) & 75mm to 100mm (when plasticizer use), pouring, casting, compacting by mechanical vibrator machine and curing at least for 28 days, removing centering-shuttering after approved specified time period. all complete as per direction and approval of the Engineer in charge. (Wash Room Roof : 17'-9"x17'-8"x0'-5" + Pit slab & Extra: 8.27cft = 140.00cft)	CFT	140.00			
12	MS Grill & Aluminum Louvers for Ventilation, Size 5'-0"x1'-0" , Grill frame with 25mmx4mm flat bar and grill will be made with solid bar-12mmx12mm (4" C/C bothway) and painting with two coats of synthetic enamel paint (Choklet Color) over a coat of anticorrosive priming, etc. Fitting and all complete as per direction of E-I-C. (4X5'-0"x1'-0" = 20.0 sft)	Sft	20.00			
13	MS Door Work (Size 3'-6"x7'-0"): Supplying fitting and fixing steel door frame & shutter with 18 BWG MS sheet/plain plate hinged to columns reinforcement with 38mm x 38mm x 5mm MS Angle and 25mm x 5mm flat bar stiffener and putty and painting the with two coats (Choklet color) of synthetic enamel paint over a coat of anticorrosive priming, supply 2nos 50mm lock, etc. all complete as per drawing and direction of E-I-C.	NOS	4.00			
14	Plaster Work-Wall: Minimum 12mm thick cement plaster (1:5) with Portland Composite cement and best quality sand (FM-1.2) to wall both inner and outer surface, finishing the corner and edges in/c washing of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Wash Room Outside: 60.84'X6'-6" + Wash Room Inside: 2X28'-0"X3'-0" + Basin Area: 2X26'-0"X3'-0" + Wash Roof Ceiling: 19'X19'- Deduct (Door): 2X4X3'-6"X3'-0" + Extra & Kobla : 153.54sft = 1150.0sft)	SFT	1,150.0			
15	Plaster With Net Cement Finishing (Skirting- Black-Oxide or Paint) Work: 10" Brick wall, Floor, 12mm thick cement plaster (1:5) with Portland Composite Cement and best quality sand (FM-1.2) to wall both inner and outer surface, finishing the corner and edges in / c washing of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Out side Bottom: 60.84'X 2'-6"+ Stair: 8'-0"X5'-0"+ Wash Room Roof Top: 18'X18'+ Pit Area In-out: 2X2X6'-0"X6'-0" + Extra & Kobla: 89.90sft = 750.00 sft).	SFT	750.00			
16	Paint Work (Plastic Paint at Inside and Weather Coat at outside, Brand: Berger/Asian/Rainbow/Equivalent): Sealer 1 coats, use readymade putting & rub, 2 coats paint, surface cleaning to free from all foreign materials before application of each coat, applying one vertical and one horizontal wash for each coat and successive coat is to be applied after drying up of previous coat including hair brass, providing necessary scaffolding and cleaning plinth, floors, doors, windows, portions and ventilators by washing, rubbing, oiling if necessary after white wash for all floors including cost of water, electricity and other charges etc. complete in all respect in all floors and accepted by the Engineer-in-charge (As per plaster quantity)	SFT	1,150.00			
17	Wash Room Floor Tiles :- A grade, Brand- Grade Wall/AKIJ/MIR/RAK, fitting and accepted by the Engineer-in-charge. (Wash Room Floor: 2X7'X7' + Basin area floor: 2X6'X7' + Wastage & Extra: 28.0sft = 210.00sft)	SFT	210.00			
18	Wash Room Wall Tiles (Height-4'-0"): A grade, Brand- Grade Wall/AKIJ/MIR/RAK wash room in side fitting and accepted by the Engineer-in-charge. (Wash Room Wall: 2X24'-6"X4'-0" + Basin Area Wall: 2X19'-0"X4'-0" + Wastage & Extra: 52.0sft= 400.00sft)	SFT	400.00			
19	Wash Room all Fitting & Fixture as per drawing (BSF/RAK/BD standard): 2 Padastal Basin, 2 Ceramic Pan, 2 Low down, 6 steel water cool, 4 steel soap cash, 4 steel stainer, 2 RFL paper holder, 4" dia uPVC 2 Long Trup, 4" dia uPVC pipe as per need, 3" dia 2 Gass pipe (height-7'-0" with binding) & Water connection from water tank, supply 2 plastic waste bin with cover, all fitting and accepted by the Engineer-in-charge.	Unit	1.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
20	a) Septic Tank: 15'-5"X7'-0"X6'-2" with 15" (Height-1'-6") & 10" (Height-3'-6") brick wall at out side & 5" brick wall at mid wall, soil cutting & remove at safe place, Inside Plaster with NCF & outside angy plaster, 6" CC & 3" BFS at bottom, RCC at top slab-5", 2 cast iron man hole cover, pit RCC 4" top cover, use 4" dia upvc connection with soak well, etc & b) Soak Well: 4ft dia & height-10ft with RCC ring & top slab, soil cutting, remove & side filling at safe place, use 1.5" size brick chips 2ft height, etc, as per septic tank & soak well as per drawing and accepted by the Engineer-in-charge.	Unit	1.00			
21	Name Plate: Name plate with stone plate (size: 2'-0"x1'-6", T-10mm) with written, Supply & Fitting at outside wall, (পাথরের উপরে খোদাই করে সকেল লেখা হবে), all complete and accepted by the Engineer-in-charge (NGO name, Donor Name & as per given).	NOS	1.00			
22	Name Plate: Name plate with SS sheet (size: 1'-0"x6'-0") with written, Supply & Fitting at outside wall, all complete and accepted by the Engineer-in-charge (Male & Female written & Samble).	NOS	2.00			
23	All Electric Item: Need Conceal Wiring with 3/4" PVC pipe & 1.5 to 2.5RM (Main line- 2.5rm & service line-1.5rm) cable as per need, Electric connection from existing electric line (Maximum 50rft with pvc pipe), 4nos switch for 12Watt 4nos LED light, Use 2nos Socket with plastic gang board, use 1nos 50 AMP Circuit Breaker & plastic box (RFL/BIZILI/BRB/Superstar/Energy Pac/Click/Equivalent) all complete (Pakage work) and accepted by the Engineer-in-charge.	Unit	1.00			


Marina Akther
Executive Director

Copy: 
1) Head of Admin & HR- JCF.
2) Director (Finance & Accounts)- JCF.
3) Office Copy.

Name of the organization accepting the tender.....
Name and signature of the tenderer:
Address:
Mobile No:

Lot: 2

B.1- Name of Work : Monkhal Chakma Para Government Primary School (5 Classroom) Construction.

SL #	Name of Item	Unit measu remen t	Quantit y	Unit price	Total Amount Tk.	Remarks
1.a	Site Mobilization & Layout Work: Water & Electric supply for working by vendor, Any Accident & damage laible by vendor, Must be use safety security materials (Vest & Helment), must have 1 first aid box with sufficiant medicine & 1 Construction PVC banner hanging (4'-0"X3'-0" & sample by JCF), need 1 temporary store room, need 1 temporary brick soaking house (10'-0"X5'-0"X4'-0"), will have one site engineer & one curing man, 3 set drawing printout with color & A3 page (1 set Engineer, 1 Vendor & 1 School) Regular Maintain MB, Mobilization for materials, equipment, tools, and plants, temporary labor shed to arrange proper sanitation, water facilities for labor and cleaning all project after completed works, etc. Cement: Shah Special/Crown/Diamond, Rod-BSRM/KSRM/AKS , all completed as per specifications, design and direction of the engineer in charge. (School Room: 91'-11"X24'-1" + Stair: 15'-0"X3'-0" + Extra: 141.29 sft = 2400.0sft)	SFT	2,400.00			
1.b	Soil Cutting & Filling: One side soil cutting & others side soil filling, School Building Area Leveling purpose (Lead distance aveage 50'-0"). (Volume: 50'X20'-0"X2'-0" = 2000.0 cft)	CFT	2,000.00			
2	Earth Cutting & Filling for 15" & 10" Wall Footing: Earth excavating to the lines, grades and elevation as shown in the drawing providing center lines, local bench mark pillars, fixing bamboo spikes and marking layout with chalk powder filling baskets, carrying and disposing of all excavated Earthwork in excavation of foundation trenches, materials at a safe distance designated by the E- I-C in all types of soils except rocky, gravelly, slushy or organic soil, leveling, ramming, dressing and preparing the base, etc. all complete for an initial excavation depth of 2m and an initial lead not exceeding 20m, including arranging all necessary tools and equipment at work site, etc. all complete and accepted by the Engineer-in-charge. (All wall: 343.76'X2'-0"X1'-9" + Extra: 96.84cft= 1300.0cft)	CFT	1,300.00			
3	Sand filling: Sand filling in School floor with sand having F.M. 0.5 to 0.8 in 300 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test or DCP-25N=300mm maximum) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge. (School Room: 92.92'X24.083'X1'-0" + All wall 2 side: 343.76'X1'-0"X1'-9" + Extra: 160.62cft = 3000.0cft)	CFT	3,000.00			
4	Polythine: Use Polythine one Layer (100GSM) at under BFS (Floor) & CC Work (Wall Footing), good quality accepted by the Engineer-in-charge (Main Floor: 92'-11"X24'-1" + Stair : 15'-0"X3'-0" + Wall Footing: 343.76'X1'-6" + Extra: 101.56 sft = 2900.0 sft).	SFT	2,900.00			
5	One layer of brick flat soling (BFS): One layer of brick flat soling in foundation & floor with first class or picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer -in- Charge. (Main Room: 92'-11"X24'-1" + Road: 5'X30' + Extra: 112.20 sft= 2500.0sft)	SFT	2,500.00			
6	Mass concrete (1:2:4): Mass concrete in floor (Use Mixture Machine) & wall footing base with cement, sand (F.M. 1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc, all complete and accepted by the Engineer -in-charge. (Main Floor: 92'-11"X24'-1"X0'-3" + Footing: 343.76'X1'-6"X0'-3" + Stair: 15'-0"X3'-0"X0'-3" + Extra: 50.39cft =750.00 cft)	CFT	750.00			
7	375 & 250mm brick work:- 375 & 250mm brick work with 1st class bricks in cement mortar (1:5) in foundation and plinth with Portland Composite Cement and best quality sand (minimum FM1.2), filling the interstices tightly with mortar, raking out in-outside joints, cleaning and soaking bricks (2hour minimum) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (All wall-bottom: 343.76'X1'-3"X1'-0" + All wall-top: 343.76'X0'-10"X2'-0" + Stair: 15'-0"X3'-0"X2'-0" + Latrine side & Extra: 109.65cft = 1200.00cft)	CFT	1,200.00			
8	Damp proof course, DPC (1:1.5:3) with shuttering work (2side): Thickness 50mm of cement concrete with cement, sand and picked jhama brick pie chips, screening, centering, shuttering, casting, curing and finishing with add admixture (Use Construction Chemical for Damp proofing : Doctor Fixed, Pudlo, Foam lub, ETC & 1 Bag Cement = 250gm) including the supply of water, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Room Main wall: 253.84'X0'-5"X0'-2" + Extra: 1.87 cft =20.00cft)	CFT	20.00			
9	125mm brick work: 125mm brick work with 1st class bricks/automatic machine made 1st class bricks in cement mortar (1:4) with Portland Composite Cement and best quality sand (minimum FM-1.2) and making bond with connected walls with uniform width and depth joints, true to vertical and horizontal lines in/c necessary scaffolding, raking out in-outside joints, cleaning and soaking the bricks (2hour minimum) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Main Room: 253.84'X9'-6" (Lintel-6") + 10" Column: 24NX0'-10"X10'-0" - Deduct (Dor & Window): 5X3'-6"X7'-0"-15X6'-0"X4'-6" + Extra : 216.82 sft = 2300.0sft)	SFT	2,300.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
10	Rod Work at Lintel & Sunshade :-Supplying and fabrication of Ribbed or deformed bar reinforcement (60Grade) for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. (Lintel Main Rod: 253.84'X4X0.18kg + Ring: 370NX2'X0.12kg + Sunshade H+V: 2X4NX92.92'X0.18kg + all Column Top: 24NX1'X12'X0.18kg + Lapping & Extar: 142.80kg = 600.00Kg)	KG	600.00			
11	RCC Work at Lintel & Sunshade with all materials (with shutter work): Reinforced cement concrete works with minimum cement content relates to mix ratio (1:2:4) and maximum water cement ratio 0.45 having minimum required average strength, $f_{cr} = 24$ Mpa and satisfied a specified compressive strength $f_c = 17$ Mpa at 28 days on standard cylinders as per $f_c = 17$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and Portland Composite Cement conforming to BDS EN 197-1 : 2003 CEM-II 42.5N sand of 50mm (without plasticizer) & 75mm to 100mm (when plasticizer use), pouring, casting, compacting by mechanical vibrator machine and curing at least for 28 days and accepted by Engineer-in-charge. (Tana Lintel: 253.84'X0'-5'X0'-6" + Sunshade: 92.92'X1'-3'X0'-3" + Extra: 17.66cft = 100.00cft)	CFT	100.00			
12	MS Window Work (Size 6'-0"X4'-6" & choklet color paint): Shutter with frames & grill as per drawing & design having requisite Nos. of vertical and horizontal standard MS angle (19mm x 19mm x 3mm) and 'Z' section (19mm x 19mm x 19mm x 3mm) for shutter and MS flat bar (25mm x 4.5mm) and (19mm x 3mm) and 10mmx10mm (25mm x 4.5mm) and (19mm x 3mm) and 12mm x 12mm square bar welded horizontally @ 125mm at inside face of frame of window shutter with F.I. clamp 75mm x 3mm duly embedded in Cement Concrete (1:2:4) and mending good the damages in/c finishing the intersecting points by filling with all cost of charges for fabrication and manufacture by welding, riveting, etc. supplying all essential fittings like stopper, handle, 3 nos catch hooks, 300mm long adjustable iron cleats, 50mm long pin hinges, 150mm long clamps for fitting frame in/c supplying, fitting, fixing 22 BWG M.S. sheet & 5 mm transparent polycarbonate or acrylic sheet in position welded to steel shutter with (19mmx3mm) MS flat bar stiffener and putty and painting the window with two coats of synthetic enamel paint over a coat of anticorrosive priming, etc for all floors. all complete as per direction of E-I-C (As per drawing).	NOS	15.00			
13	MS Door Work (Size 3'-6"X7'-0"): Supplying fitting and fixing steel door frame & shutter with 18 BWG MS sheet/plain plate hinged to columns reinforcement with 38mm x 38mm x 5mm MS Angle and 25mm x 6mm flat bar stiffener and putty and painting the with two coats of synthetic enamel choklet color paint over a coat of anticorrosive priming, etc. all complete as per drawing and direction of E-I-C (As per drawing).	NOS	5.00			
14	Plaster Work-Wall: Minimum 12mm thick cement plaster (1:5) with Portland Composite cement and best quality sand (minimum FM1.2) to wall both inner and outer surface, finishing the corner and washing & netting of sand, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Main Room: 2X253.84'X9.5' + Sunshade: 92.92'X2.75' + Column Side: 24NX0'-10'X9.5' - Deduct (Dor & Window): 2X5X3'-6"X7'-0"-2X15X6'-0"X4'-6" + Extra & Kola : 387.27 sft = 4600.0sft)	SFT	4,600.0			
15	Plaster With Net Cement Finishing (Floor-Red-Oxide & skirting-black paint) Work : Minimum 12mm thick cement plaster (1:5) with Portland Composite cement and best quality sand (minimum FM-1.2) to wall both inner and outer surface, finishing the corner and edges in / c washing of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (School Floor: 92'-11"X24'-1" + Inside 6" Wall one side: 1X129.42'X0'-6" + Inside 6" Wall double side: 2X160.92'X0'-6" + Out side 24" Bottom wall: 234.0'X 2'-0" + Stair: 25'-0"X5'-0" + Extra & Kobla: 193.57sft = 3250.00 sft).	SFT	3,250.00			
16	Paint Work (Plastic Paint at Inside and Weather Coat at outside, Brand: Berger/Asian/Rainbow/Equivalent): Sealer 1 coats, use readymade putting & rub, 2 coats paint, surface cleaning to free from all foreign materials before application of each coat, applying one vertical and one horizontal wash for each coat and successive coat is to be applied after drying up of previous coat including hair brass, providing necessary scaffolding and cleaning plinth, floors, doors, windows, portions and ventilators by washing, rubbing, oiling if necessary after white wash for all floors including cost of water, electricity and other charges etc. complete in all respect in all floors and accepted by the Engineer-in-charge (As per plaster quantity)	SFT	4,600.00			

SL #	Name of Item	Unit measu remen t	Quantit y	Unit price	Total Amount Tk.	Remarks
17	MS Angle for Roof Work with red oxide & 2 coat enamel (Blue Color) paint & use RFL plastic tap (2-3mm thick) on all purlin (Brand- BSRM/AKS/VSL/Equivalent): Supplying and making well Roof angle having requisite vertical and horizontal standard 2"x2"x4mm MS angle . Roof shape rectangular shed and works in frames of roof truss of required length and size with wall plates as per design in/c. length and size with wall plates as per design in/c supplying, fabricating, hoisting, scaffolding, fitting and fixing in position with bolts and nuts for all floors etc. all complete as per direction of the E- I-C. (As per design & Floor area 2300sft @ 1.5 Kg)	Kg	3,450.00			
18	Roof Color CGI Sheet Work (Including Lapping): Supplying, fitting and fixing 0.46mm thick galvanized iron corrugated locally available color (Green Color) sheet (Abul Khair/PHP/KY/Jalalabad/Equivalent) having minimum weight 45-50 kg per bundle (2'-6"width and long 8', 7' & 6' rft according to space measurment) roofing fitted and fixed on MS sections with 'Roofing Scrow' limpet washers, bitumen washers and putty etc. all complete as per direction of the E-I-C. (As per design & Floor area 2300sft @ 1.35 SFT)	SFT	3,105.00			
19	Roof Color Plain Sheet for Ridging Work (Including Lapping): CGI 0.46mm thick galvanized iron plain sheet, Green color, ridging with 300 mm lap on either side fitted (Abul Khair/PHP/KY/Jalalabad/Equivalent) and fixed with galvanized bolts and nuts etc. all complete as per direction of the E-I-C.	RFT	175.00			
20	Verandah Post (uPVC Pipe with RCC Work): Use 6" dia D-Class uPVC pipe (RFL/Matador/equivalent), Use 3-10mm Rod & Ring 8" C/C 6mm Rod. Casting ratio 1:2:4, Makig, fitting and accepted by the Engineer-in-charge.	Nos	11.00			
21	PVC Celing (Size: 24"X24"): PVC Ceiling Fitting fixing with Aluminium fram, PVC board-made by robust plastic material, 18N GI wire, better known as PVC. PVC Ceilings offer a sanitary environment for concerned parents and a stylish look, quick-to-install solution, modern and an entire house ceiling can be installed in less than a day, with no dust or mess and accepted by the Engineer-in-charge. (Main Room Ceiling Only: 18X17X5 + Extra: 50.0sft = 1580.0 sft).	SFT	1,580.00			
22	Black Board (10'-0"X4'-0") : All completed as per need (Black color good paint & out side border- 2"X2") and accepted by the Engineer-in-charge. (As per Government Primary School).	NOS	5.00			
23	Water Tank: Gazi/ Modina/N Mohmmmed (500 litter & Food Grade) install on wash room roof & include water Tank Connection with Exsisting Water Tank (Need pipe 1" dia 130ft) & all fitting and accepted by the Engineer-in-charge.	NOS	1.00			
24	Guide or Protection wall with 375 & 250mm brick work and plaster with NCF:- 250mm brick work with 1st class bricks in cement mortar (1:5) in foundation and plinth with Portland Composite cement and best quality sand (minimum FM-1.2), (Need Weep hole-2"X2" and 2'-0" C/C) filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks (2hour Minimum) at least for 24 hours before use, washingof sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (East Wall Wall: 60'X1'-3"X3'-0" + 60'X0'-10"X3'-0" + West Wall: 60'X1'-3"X2'-0" + 60'X0'-10"X3'-0" + Extra: 126.20cft = 800.00cft)	CFT	800.00			
25	Name Plate (Size: 2'-6"X2'-0" & Thickness-10mm) : Supply Slate stone & digging in plate, Fitting, Fixing all complete & all complete (পাথরের উপরে খোদাই করে সকল লেখা হবে) and accepted by the Engineer-in-charge (Project & School name, Donor details, 3/4 Nos Logo, work details, Written supply by JCF)	NOS	1.00			
26	Signboard (5'-0"X4'-0") : 18 SWG MS sheet with 10'-0" stand by 3" MS pipe (Thickness-3mm) with painting (1coat red-oxide, 2 coat enamel), 15"X15"X15" CC Casting & all complete (সিঁকার খিট পিটের উপরে হবে) and accepted by the Engineer-in-charge (Project & School name, Donor details, 3/4 Nos Logo, work details, Written supply by JCF)	NOS	1.00			
27	Name Plate: Name plate with SS sheet (size: 1'-0"X0'-6") with written (Classroom, Office, ETC), Supply & Fitting at outside wall on door top, all complete and accepted by the Engineer-in-charge.	NOS	6.00			
28	Ramp: Earth cutting, Sand filling, Width-4'-0", Two side will be brick work as per need (5" & 10"), 3" CC casting at top & plaster with small bit, 3" dia MS post (4ft C/C, H-4ft, T-5mm) and 2" dia MS hand railing (T-4mm) at two side, Post & hand railing will be proper welded, 10"x10"x12" CC work need for every post setting, Ramp slope will be 1:12, Ensure paint (1coat red-oxide+2coat enamel paint) work on MS all post & railing, other all specification taken from drawing, all complete and accepted by the Engineer-in-charge.	Rft	22.00			
29	Electrical Wiring (Conceal wiring at wall & Flexible pipe wiring at roof) : Use PVC pipe wall grade (1/2"-3/4"-1") with best quality and use Cable (Room start to End Main line & all socket-2.5 RM and all others service line-1.5 RM) with best quality and Plastic Gang Board (Room inside-30 + Verandah-2), 4 gang switch=5+1, Power Sockets=5, Fan Ragulator=20, Electric connection from existing electric line, (Brand: RFL/Bizli/BRB/Click/Superstar/Equivalent). all complete (Package work) and accepted by the Engineer-in-charge.	Paka-ge	1.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
30	Energy Saving Light with Holder: 18 Watt (Brand: Philips/Superstar/Energypac/Equivalent) with fitting as per need (Room-15 & Verandah-2), all complete and accepted by the Engineer-in-charge.	NOS	17.00			
31	Circuit Breaker & Box: 63 AMP (Brand: Click/Energypac/Equivalent), supply & fitting on wall inside all complete and accepted by the Engineer-in-charge.	NOS	5.00			
32	Ceiling Fan & Fan Hook: 56 inch 3-metal fan blades, (Brand: BRB/Superstar/Vision/Equivalent) with fitting as per need & all complete and accepted by the Engineer-in-charge.	NOS	20.00			
33	MS Window (Size 6'-0"X4'-6" with 1 coat red-oxide): Shutter with frames & grill as per drawing & design having requisite Nos. of vertical and horizontal standard MS angle (19mm x 19mm x 3mm) and 'Z' section (19mm x 19mm x 19mm x 3mm) for shutter and MS flat bar (25mm x 4.5mm) and (19mm x 3mm) and 10mmx10mm (25mm x 4.5mm) and (19mm x 3mm) and 12mm x 12mm square bar welded horizontally @ 125mm at inside face of frame of window shutter with F.I. clamp 75mm x 3mm duly embedded in Cement Concrete (1:2:4), finished with anti-corrosive painting (1 coat Red-Oxide), etc. Supply and all complete as per direction of E-I-C (As per existing window design & only Supply to Patabary Government Primary School, Near Patabary Buddish Mondir, Rajapalong Union, Ukhiya)	NOS	5.00			

B.2- Name of Work: 2 Wash Facility with Septic Tank & Soak well Construction for Monkhali Chakma Para-GPS.

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
1	Site Mobilization & Layout Work: Water & Electric supply for working by vendor, Any accident & damage laible by vendor, Must be use safety security materials (Vest & Helment), will have 1 first aid box with sufficient medicine, 3 set drawing printout with color & A3 page (1Engineer, 1Vendor & 1 School), Regular Maintain MB, Mobilization for materials, equipment, tools, and plants, temporary labor shed to arrange proper sanitation, water facilities for labor and cleaning all project after completed works, etc. Cement: Shah Special/Crown/Diamond, Rod-BSRM/KSRM/AKS , all completed as per specifications, design and direction of the engineer in charge. (School Room: Wash Room: 14'-8"X15'-9" + Extra: 18.94sft = 250.00sft)	SFT	250.00			
2	Earth Cutting & Filling for 15" & 10" Wall Footing: Earth excavating to the lines, grades and elevation as shown in the drawing providing center lines, local bench mark pillars, fixing bamboo spikes and marking layout with chalk powder filling baskets, carrying and disposing of all excavated Earthwork in excavation of foundation trenches, materials at a safe distance designated by the E-I-C in all types of soils except rocky, gravelly, slushy or organic soil, leveling, ramming, dressing and preparing the base, etc. all complete for an initial excavation depth of 2m and an initial lead not exceeding 20m, including arranging all necessary tools and equipment at work site, etc. complete as per dir. of the E-I-C. (Wash Room: 3X14'-8"X1'-9"X2'-0"+3X15'-9"X1'-9"X2'-0" + Extra: 20.59cft= 340.00cft)	CFT	340.00			
3	Sand filling: Sand filling in School floor with sand having F.M. 0.5 to 0.8 in 300 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test or DCP-25N=300mm maximum) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge. (Wash Room: 14'-8"X15'-9"X1'-0"+ Stair: 8'-0"X3'-0"X1'-6" + Wall 2 side & Extra: 132.94cft= 400.0cft)	CFT	400.00			
4	Polythine: Use Polythine one Layer (100GSM) at under BFS & CC Work (Wall Footing), good quality accepted by the Engineer-in-charge (Wash room floor: 14'-8"X15'-9" + Wall footing: 91.38'X1'-6" + Extra: 31.87sft= 400.0sft).	SFT	400.00			
5	One layer of brick flat soling: One layer of brick flat soling in foundation & floor with first class or picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer -in- Charge. (Wash Room: 14'-8"X15'-9" + Extra: 18.94sft = 250.00cft)	SFT	250.00			
6	Mass concrete (1:2:4): Mass concrete in floor & wall footing base with cement, sand (FM-1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc. including NCF in floor, all complete and accepted by the Engineer -in-charge. (Wall Footing: 91.38'X1'-6"X0'-3"+Wash Room: 14'-8"X15'-9"X0'-3"+ Pit Floor: 2X3'-0X3'-0"X0'-3" + Stair Step: 8'-0"X3'-0"X0'-3" + Extra: 12.46cft = 115.00cft)	CFT	115.00			

SL #	Name of Item	Unit measurment	Quantity	Unit price	Total Amount Tk.	Remarks
7	375 & 250mm brick work:- 375 & 250mm brick work with 1st class bricks in cement mortar (1:5) in foundation and plinth with Portland Composite Cement and best quality sand (minimum FM-1.2), filling the interstices tightly with mortar, raking out in-outside joints , cleaning and soaking bricks (Need brick soaking at plastic drum & soak minimum 2hr) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Wash room wall-bottom: 91.38'X1'-3"X1'-0" + Wash room wall-top: 91.38'X0'-10"X2'-0" + Stair: 8'-0"X3'-0"X2'-0" + Extra: 16.08cft = 330.00cft)	CFT	330.00			
8	Damp proof course (DPC) 50mm (1:1.5:3) with shuttering work (2side) of cement concrete with cement, sand and picked jhama brick chips, screening, centering, shuttering, casting, curing and finishing with add admixture (Use Padlo, 1 Bag Cement = 2.50kg) including the supply of water, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Wash Room: 91.38'X0'-5"X0'-2" + Extra: 3.47cft = 10.00cft)	CFT	10.00			
9	125mm brick work : 125mm brick work with 1st class bricks/automatic machine made 1st class bricks in cement mortar (1:4) with Portland Composite Cement and best quality sand (minimum FM1.2) and making bond with connected walls with uniform width and depth joints, true to vertical and horizontal lines in/c necessary scaffolding, raking out in-out joints , cleaning and soaking the bricks (Need brick soaking at plastic drum & soak minimum 2hr) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Wash Room: 91.38'X7'-0" + 10" Column: 9NX0'-10"X7'-0" + Pit: 2X9'-0"X2'-0" - Deduct (Dor & Window): 4X3'-6"X7'-0" - 4X5'-0"X1'-0" + Extra : 40.05 sft = 650.0sft)	SFT	650.00			
10	Rod Work at Lintel, Sunshade & Verandah Post : Supplying and fabrication of Ribbed or deformed bar reinforcement (60Grade) for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. (Wash Room Roof Both way: 2X18'X18'X0.18kg (6" C/C) + Lapping, Pit slab & Extar: 23.36kg = 140.00Kg)	KG	140.00			
11	RCC Work at Wash Room Roof (with Shuttering work): Reinforced cement concrete works with minimum cement content relates to mix ratio (1:2:4 & use mixture machine for roof casting) and maximum water cement ratio 0.45 having minimum required average strength, $f_{cr} = 24$ Mpa and satisfied a specified compressive strength $f_c = 17$ Mpa at 28 days on standard cylinders as per $f_c = 17$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and Portland Composite Cement conforming to BDS EN 197-1 : 2003 CEM-II 42.5N sand of 50mm (without plasticizer) & 75mm to 100mm (when plasticizer use), pouring, casting, compacting by mechanical vibrator machine and curing at least for 28 days, removing centering-shuttering after approved specified time period. all complete as per direction and approval of the Engineer in charge. (Wash Room Roof : 17'-9"X17'-8"X0'-5" + Pit slab & Extra: 8.27cft = 140.00cft)	CFT	140.00			
12	MS Grill & Aluminum Louvers for Ventilation, Size 5'-0"x1'-0" , Grill frame with 25mmx4mm flat bar and grill will be made with solid bar-12mmx12mm (4" C/C bothway) and painting with two coats of synthetic enamel paint (Choklet Color) over a coat of anticorrosive priming, etc. Fitting and all complete as per direction of E-I-C. (4X5'-0"x1'-0" = 20.0 sft)	Sft	20.00			
13	MS Door Work (Size 3'-6"X7'-0"): Supplying fitting and fixing steel door frame & shutter with 18 BWG MS sheet/plain plate hinged to columns reinforcement with 38mm x 38mm x 5mm MS Angle and 25mm x 5mm flat bar stiffener and putty and painting the with two coats (Choklet color) of synthetic enamel paint over a coat of anticorrosive priming , supply 2nos 50mm lock, etc. all complete as per drawing and direction of E-I-C.	NOS	4.00			
14	Plaster Work-Wall: Minimum 12mm thick cement plaster (1:5) with Portland Composite cement and best quality sand (FM-1.2) to wall both inner and outer surface, finishing the corner and edges in/c washing of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Wash Room Outside: 60.84'X6'-6" + Wash Room Inside: 2X28'-0"X3'-0" + Basin Area: 2X26'-0"X3'-0" + Wash Room Ceiling: 19'X19'- Deduct (Door): 2X4X3'-6"X3'-0" + Extra & Kobla : 153.54sft = 1150.0sft)	SFT	1,150.0			
15	Plaster With Net Cement Finishing (Skirting- Black-Oxide or Paint) Work: 10" Brick wall, Floor, 12mm thick cement plaster (1:5) with Portland Composite Cement and best quality sand (FM-1.2) to wall both inner and outer surface, finishing the corner and edges in / c washing of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Out side Bottom: 60.84"X 2'-6" + Stair: 8'-0"X5'-0" + Wash Room Roof Top: 18'X18' + Pit Area In-out: 2X2X6'-0"X6'-0" + Extra & Kobla: 89.90sft = 750.00 sft).	SFT	750.00			

SL #	Name of Item	Unit measu remen t	Quantit y	Unit price	Total Amount Tk.	Remarks
16	Paint Work (Plastic Paint at Inside and Weather Coat at outside, Brand: Berger/Asian/Rainbow/Equivalent): Sealer 1 coats, use readymade putting & rub, 2 coats paint, surface cleaning to free from all foreign materials before application of each coat, applying one vertical and one horizontal wash for each coat and successive coat is to be applied after drying up of previous coat including hair brass, providing necessary scaffolding and cleaning plinth, floors, doors, windows, portions and ventilators by washing, rubbing, oiling if necessary after white wash for all floors including cost of water, electricity and other charges etc. complete in all respect in all floors and accepted by the Engineer-in-charge (As per plaster quantity)	SFT	1,150.00			
17	Wash Room Floor Tiles :- A grade, Brand- Grade Wall/AKIJ/MIR/RAK, fitting and accepted by the Engineer-in-charge. (Wash Room Floor: 2X7'X7' + Basin area floor: 2X6'X7' + Wastage & Extra: 28.0sft = 210.00sft)	SFT	210.00			
18	Wash Room Wall Tiles (Height-4'-0"): A grade, Brand- Grade Wall/AKIJ/MIR/RAK wash room in side fitting and accepted by the Engineer-in-charge. (Wash Room Wall: 2X24'-6"X4'-0" + Basin Area Wall: 2X19'-0"X4'-0" + Wastage & Extra: 52.0sft= 400.00sft)	SFT	400.00			
19	Wash Room all Fitting & Fixture as per drawing (BSF/RAK/BD standard): 2 Padastal Basin, 2 Ceramic Pan, 2 Low down, 6 steel water cool, 4 steel soap cash, 4 steel stainer, 2 RFL paper holder, 4" dia uPVC 2 Long Trup, 4" dia uPVC pipe as per need, 3" dia 2 Gass pipe (height-7'-0" with binding) & Water connection from water tank, supply 2 plastic waste bin with cover, all fitting and accepted by the Engineer-in-charge.	Unit	1.00			
20	a) Septic Tank: 15'-5"X7'-0"X6'-2" with 15" (Height-1'-6") & 10" (Height-3'-6") brick wall at out side & 5" brick wall at mid wall, soil cutting & remove at safe place, Inside Plaster with NCF & outside angy plaster, 6" CC & 3" BFS at bottom, RCC at top slab-5", 2 cast iron man hole cover, pit RCC 4" top cover, use 4" dia upvc connection with soak well, etc & b) Soak Well: 4ft dia & height-10ft with RCC ring & top slab, soil cutting, remove & side filling at safe place, use 1.5" size brick chips 2ft height, etc, as per septic tank & soak well as per drawing and accepted by the Engineer-in-charge.	Unit	1.00			
21	Name Plate: Name plate with stone plate (size: 2'-0"x1'-6", T-10mm) with written, Supply & Fitting at outside wall, (পাথরের উপরে খোদাই করে স্ক্রল লেখা হবে), all complete and accepted by the Engineer-in-charge (NGO name, Donor Name & as per given).	NOS	1.00			
22	Name Plate: Name plate with SS sheet (size: 1'-0"x6'-0") with written, Supply & Fitting at outside wall, all complete and accepted by the Engineer-in-charge (Male & Female written & Samble).	NOS	2.00			
23	All Electric Item: Need Conceal Wiring with 3/4" PVC pipe & 1.5 to 2.5RM (Main line-2.5rm & service line-1.5rm) cable as per need, Electric connection from existing electric line (Maximum 50ft with pvc pipe), 4nos switch for 12Watt 4nos LED light, Use 2nos Socket with plastic gang board, use 1nos 50 AMP Circuit Breaker & plastic box (RFL/BIZILI/BRB/Superstar/Energy Pac/Click/Equivalent) all complete (Package work) and accepted by the Engineer-in-charge.	Unit	1.00			


Marina Akther
Executive Director

Copy: 
1) Head of Admin & HR- JCF.
2) Director (Finance & Accounts)- JCF.
3) Office Copy.

Name of the organization accepting the tender.....
Name and signature of the tenderer:
Address:
Mobile No:

Lot: 3

C.1- Name of Work : Natun Para J. Chowdhury Government Primary School (5 Classroom) Construction.

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
1	Site Mobilization & Layout Work: Water & Electric supply for working by vendor, Any Accident & damage laible by vendor, Must be use safety security materials (Vest & Helment), must have 1 first aid box with sufficient medicine & 1 Construction PVC banner (4'-0"X3'-0" & sample by JCF), need 1 temporary store room, need 1 temporary brick soaking house (10'-0"X5'-0"X4'-0"), will have one site engineer & one curing man, 3 set drawing printout with color & A3 page (1 set Engineer, 1 Vendor & 1 School), Regular Maintain MB, Mobilization for materials, equipment, tools, and plants, temporary labor shed to arrange proper sanitation, water facilities for labor and cleaning all project after completed works, etc. Cement: Shah Special/Crown/Diamond, Rod-BSRM/KSRM/AKS , all completed as per specifications, design and direction of the engineer in charge. (School Room: 60'-4"X24'-0" + 34'-10"X25'-0" + Stair: 15'-0"X3'-0" + Extra:136.33 sft = 2500.0sft)	SFT	2,500.00			
2	Earth Cutting & Filling for 15" & 10" Wall Footing: Earth excavating to the lines, grades and elevation as shown in the drawing providing center lines, local bench mark pillars, fixing bamboo spikes and marking layout with chalk powder filling baskets, carrying and disposing of all excavated Earthwork in excavation of foundation trenches, materials at a safe distance designated by the E- I-C in all types of soils except rocky, gravelly, slushy or organic soil, leveling, ramming, dressing and preparing the base, etc. all complete for an initial excavation depth of 2m and an initial lead not exceeding 20m, including arranging all necessary tools and equipment at work site, etc. all complete and accepted by the Engineer-in-charge. (All wall: 372.73'X2'-0"X1'-9" + Extra: 95.44cft= 1400.0cft)	CFT	1,400.00			
3	Sand filling: Sand filling in School floor with sand having F.M. 0.5 to 0.8 in 600 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test or DCP- 25N=300mm maximum) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge. (School Room: 60'-4"X24'-0"X1'-6" + 34'-10"X25'-0"X1'-6" + All wall 2 side: 372.73'X1'-0"X1'-9" + Extra: 169.71cft = 4300.0cft)	CFT	4,300.00			
4	Polythine: Use Polythine one Layer (100GSM) at under BFS (Floor) & CC Work (Wall Footing), good quality accepted by the Engineer-in-charge (Main Floor: 60'-4"X24'-0" + 34'-10"X25'-0" + Stair : 15'-0"X3'-0" + Wall Footing: 372.73'X1'-6" + Extra: 77.23 sft = 3000.0 sft).	SFT	3,000.00			
5	One layer of brick flat soling (BFS): One layer of brick flat soling in foundation & floor with first class or picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer -in- Charge. (Main Room: 60'-4"X24'-0" + 34'-10"X25'-0" + Extra: 181.33 sft= 2500.0sft)	SFT	2,500.00			
6	Mass concrete (1:2:4): Mass concrete in floor (Use Mixture Machine) & wall footing base with cement, sand (FM-1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc, all complete and accepted by the Engineer -in-charge. (Main Floor: 60'-4"X24'-0"X0'-3" + 34'-10"X25'-0"X0'-3" + Footing: 372.73'X1'-6"X0'-3" + Stair: 15'-0"X3'-0"X0'-3" + Latrine side & Extra: 69.30cft =800.00 cft)	CFT	800.00			
7	375 & 250mm brick work: 375 & 250mm brick work with 1st class bricks in cement mortar (1:5) in foundation and plinth with Portland Composite cement and best quality sand (minimum FM1.2), filling the interstices tightly with mortar, raking out in-outside joints , cleaning and soaking bricks (2hour minimum) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (All wall-bottom: 372.73'X1'-3"X1'-0" + All wall-top: 372.73'X0'-10"X2'-6" + Stair: 15'-0"X3'-0"X2'-0" + Latrine side & Extra: 170.67cft = 1500.00cft)	CFT	1,500.00			
8	Damp proof course, DPC (1:1.5:3) with shuttering work (2side): Thickness 50mm of cement concrete with cement, sand and picked jhama brick pie chips, screening, centering, shuttering , casting, curing and finishing with add admixture (Use Construction Chemical for Damp proofing : Doctor Fixed, Pudlo, Foam lub, ETC & 1 Bag Cement = 250gm) including the supply of water, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Room Main wall: 296.82'X0'-5"X0'-2" + Extra: 1.80 cft =23.00cft)	CFT	23.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
9	125mm brick work: 125mm brick work with 1st class bricks/automatic machine made 1st class bricks in cement mortar (1:4) with Portland Composite Cement (CEM II/AM, 42.5N) and best quality sand (minimum FM1.2) and making bond with connected walls with uniform width and depth joints, true to vertical and horizontal lines in/c necessary scaffolding, raking out in-outside joints , cleaning and,soaking the bricks (2hour minimum) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Main Room: 296.82'X9'-6" (-Lintel-6") + 10" Column: 26NX0'-10"X10'-0" - Deduct (Dor & Window): 5X3'-6"X7'-0"-19X6'-0"X4'-6" + Extra : 199.91 sft = 2600.0sft)	SFT	2,600.00			
10	Rod Work at Lintel & Sunshade: Supplying and fabrication of Ribbed or deformed bar reinforcement (60Grade) for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. (Lintel Main Rod: 296.82'X4X0.18kg + Ring: 390NX2'X0.12kg + Sunshade H+V: 2X4NX113.41'X0.18kg + all Column Top: 26NX1'X12'X0.18kg + Lapping & Extar: 123.21kg = 650.00Kg)	KG	650.00			
11	RCC Work at Lintel & Sunshade with all materials (with shutter work): Reinforced cement concrete works with minimum cement content relates to mix ratio (1:2:4) and maximum water cement ratio 0.45 having minimum required average strength, $f_{cr} = 24$ Mpa and satisfied a specified compressive strength $f_c = 17$ Mpa at 28 days on standard cylinders as per $f_c = 17$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and Portland Composite Cement conforming to BDS EN 197-1 : 2003 CEM-II 42.5N sand of of 50mm (without plasticizer) & 75mm to 100mm (when plasticizer use), pouring, casting, compacting by mechanical vibrator machine and curing at least for 28 days and accepted by Engineer-in-charge. (Tana Lintel: 296.82'X0'-5"X0'-6" + Sunshade: 113.41'X1'-3"X0'-3" + Extra: 12.22cft = 110.00cft)	CFT	110.00			
12	MS Window Work (Size 6'-0"X4'-6" & choklet color paint): Shutter with frames & grill as per drawing & design having requisite Nos. of vertical and horizontal standard MS angle (19mm x 19mm x3mm) and 'Z' section (19mm x 19mm x 19mm x 3mm) for shutter and MS flat bar (25mm x4.5mm) and (19mm x 3mm) and 10mmx10mm (25mm x 4.5mm) and (19mm x 3mm) and 12mm x 12mm square bar welded horizontally @ 125mm at inside face of frame of window shutter with F.I. clamp 75mm x 3mm duly embedded in Cement Concrete (1:2:4) and mending good the damages in/c finishing the intersecting points by filling with all cost of charges for fabrication and manufacture by welding, riveting, etc. supplying all essential fittings like stopper, handle, 3 nos catch hooks, 300mm long adjustable iron cleats, 50mm long pin hinges, 150mm long clamps for fitting frame in/c supplying, fitting, fixing 22 BWG M.S. sheet & 5 mm transparent polycarbonate or acrylic sheet in position welded to steel shutter with (19mmx3mm) MS flat bar stiffener and putty and painting the window with two coats of synthetic enamel paint over a coat of anticorrosive priming , etc for all floors. all complete as per direction of E-I-C (As per existing window design).	NOS	19.00			
13	MS Door Work (Size 3'-6"X7'-0"): Supplying fitting and fixing steel door frame & shutter with 18 BWG MS sheet/plain plate hinged to columns reinforcement with 38mm x 38mm x 5mm MS Angle and 25mm x 6mm flat bar stiffener and putty and painting the with two coats of synthetic enamel choklet paint over a coat of anticorrosive priming , etc. all complete as per drawing and direction of E-I-C (As per drawing).	NOS	5.00			
14	Plaster Work-Wall: Minimum 12mm thick cement plaster (1:5) with Portland Composite cement and best quality sand (minimum FM-1.2) to wall both inner and outer surface, finishing the corner and washing & netting of sand , scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Main Room: 2X296.82'X9.5' + Sunshade: 113.41'X2.75' + Column Side: 26NX0'-10"X9.5' - Deduct (Dor & Window): 2X5X3'-6"X7'-0"-2X19X6'-0"X4'-6" + Extra & Kola : 414.53sft = 5300.0sft)	SFT	5,300.0			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
15	Plaster With Net Cement Finishing (Floor-Red-Oxide & Skirting-black paint) Work : Minimum 12mm thick cement plaster (1:5) with Portland Composite Cement and best quality sand (minimum FM-1.2) to wall both inner and outer surface, finishing the corner and edges in washing & netting of sand the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (School Floor: 60'-4"X24'-0" + 34'-10"X25'-0" + Inside 6" Wall one side: 1X150.91'X0'-6" + Inside 6" Wall double side: 2X145.91'X0'-6" + Out side 24" Bottom wall: 226.82'X 2'-6" + Stair: 25'-0"X5'-0" + Extra & Kobla: 217.91sft = 3450.00 sft).	SFT	3,450.00			
16	Paint Work (Plastic Paint at Inside and Weather Coat at outside, Brand: Berger/Asian/Rainbow/Equivalent): Sealer 1 coats, use readymade putting & rub, 2 coats paint, surface cleaning to free from all foreign materials before application of each coat, applying one vertical and one horizontal wash for each coat and successive coat is to be applied after drying up of previous coat including hair brass, providing necessary scaffolding and cleaning plinth, floors, doors, windows, portions and ventilators by washing, rubbing, oiling if necessary after white wash for all floors including cost of water, electricity and other charges etc. complete in all respect in all floors and accepted by the Engineer-in-charge (As per plaster quantity)	SFT	5,300.00			
17	MS Angle for Roof Work with red oxide & 2 coat enamel (Blue Color) paint & use RFL plastic tap (2-3mm thick) on all purlin (Brand-BSRM/AKS/VSL/Equivalent): Supplying and making well Roof angle having requisite vertical and horizontal standard 2"x2"x4mm MS angle. Roof shape rectangular shed and works in frames of roof truss of required length and size with wall plates as per design in/c. length and size with wall plates as per design in/c supplying, fabricating, hoisting, scaffolding, fitting and fixing in position with bolts and nuts for all floors etc. all complete as per direction of the E-I-C. (As per design & Floor area 2400sft @ 1.5 Kg)	Kg	3,600.00			
18	Roof Color CGI Sheet Work (Including Lapping): Supplying, fitting and fixing 0.46mm thick galvanized iron corrugated locally available color (Green Color) sheet (Abul Khair/PHP/KY/Jalalabad/Equivalent) having minimum weight 45-50 kg per bundle (2'-6" width and long 8', 7' & 6' rft according to space measurement) roofing fitted and fixed on MS sections with 'Roofing Screw' limpet washers, bitumen washers and putty etc. all complete as per direction of the E-I-C (As per design & Floor area 2370sft @ 1.35 SFT)	SFT	3,200.00			
19	Roof Color Plain Sheet for Ridging Work (Including Lapping): CGI 0.46mm thick galvanized iron plain sheet, Green, ridging with 300 mm lap on either side fitted (Abul Khair/PHP/KY/Jalalabad/Equivalent) and fixed with galvanized bolts and nuts etc. all complete as per direction of the E-I-C.	RFT	200.00			
20	Verandah Post (uPVC Pipe with RCC Work): Use 6" dia D-Class uPVC pipe (RFL/Matador/equivalent), Use 3-10mm Rod & Ring 8" C/C 6mm Rod. Casting ratio 1:2:4, Making, fitting and accepted by the Engineer-in-charge.	Nos	9.00			
21	PVC Ceiling (Size: 24"X24"): PVC Ceiling Fitting fixing with Aluminium fram, PVC board-made by robust plastic material, 18N GI wire, better known as PVC. PVC Ceilings offer a sanitary environment for concerned parents and a stylish look, quick-to-install solution, modern and an entire house ceiling can be installed in less than a day, with no dust or mess and accepted by the Engineer-in-charge. (Main Room Ceiling Only: 18X17X5 + Extra: 50.0sft = 1580.0 sft).	SFT	1,580.00			
22	Black Board (10'-0"X4'-0") : All completed as per need (Black color good paint & out side border-2"X2") and accepted by the Engineer-in-charge. (As per Government Primary School).	NOS	5.00			
23	Water Tank: Gazi/ RFL/Modina/N Mohmmmed (500 litter & Food Grade) install on wash room roof & include water Tank Connection with Exsisting Water Tank (Need upvc pipe 1" dia 150ft) by under soil & all fitting and accepted by the Engineer-in-charge.	NOS	1.00			
24	Name Plate (Size: 2'-6"X2'-0" & Thickness-10mm) : Supply Slate stone & digging in plate, Fitting, Fixing all complete & all complete (পাথরের উপরে খোদাই করে সকল লেখা হবে) and accepted by the Engineer-in-charge (Project & School name, Donor details, 3/4 Nos Logo, work details, Written supply by JCF)	NOS	1.00			
25	Signboard (5'-0"X4'-0") : 18 SWG MS sheet with 10'-0" stand by 3" MS pipe (Thickness-3mm) with painting (1coat red-oxide, 2 coat enamel), 15"X15"X15" CC Casting & all complete (স্টিকার দ্বিটি পিটের উপরে হবে) and accepted by the Engineer-in-charge (Project & School name, Donor details, 3/4 Nos Logo, work details, Written supply by JCF)	NOS	1.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
26	Name Plate: Name plate with SS sheet (size: 1'-0"X0'-6") with written on door top (Classroom, Office, ETC), Supply & Fitting at outside wall, all complete and accepted by the Engineer-in-charge.	NOS	6.00			
27	Ramp: Earth cutting, Sand filling, Width-4'-0", Two side will be brick work as per need (5" & 10"), 3" CC casting at top & plaster with small bit, 3" dia MS post (4ft C/C, H-4ft, T-5mm) and 2" dia MS hand railing (T-4mm) at two side, Post & hand railing will be proper welded, 10"x10"x12" CC work need for every post setting, Ramp slope will be 1:12, Ensure paint (1coat red-oxide+2coat enamel paint) work on MS all post & railing, other all specification taken from drawing, all complete and accepted by the Engineer-in-charge.	Rft	24.00			
28	Electrical Wiring (Conceal wiring at wall & Flexible pipe wiring at roof) : Use PVC pipe wall grade (1/2"-3/4"-1") with best quality and use Cable (Room start to End Main line & all socket-2.5 RM and all others service line-1.5 RM) with best quality and Plastic Gang Board (Room inside-30 + Verandah-2), 4 gang switch=5+1, Power Sockets=5, Fan Regulator=20, Electric connection from existing electric line, (Brand: RFL/Bizli/BRB/Click/Superstar/Equivalent). all complete (Package work) and accepted by the Engineer-in-charge.	Pack	1.00			
29	Energy Saving Light with Holder: 18 Watt (Brand: Philips/Superstar/Energypac/Equivalent) with fitting as per need (Room-15 & Verandah-2), all complete and accepted by the Engineer-in-charge.	NOS	17.00			
30	Circuit Breaker & Box: 63 AMP (Brand: Click/Energypac/Equivalent), supply & fitting on wall inside all complete and accepted by the Engineer-in-charge.	NOS	5.00			
31	Ceiling Fan & Fan Hook: 56 inch 3-metal fan blades, (Brand: BRB/Superstar/Vision/Equivalent) with fitting as per need & all complete and accepted by the Engineer-in-charge.	NOS	20.00			
32	Water Tank: Gazi/ Modina/N Mohammed (500 litter & Food Grade) install on wash room roofinclude Connection with submersible pump & all fitting and accepted by the Engineer-in-charge. (For Purbo Koroibuniya Primary School, Chakboitha, Rathnapalong Union, Ukhiya)	NOS	1.00			
33	IHP Submersible Pump: Supply & installation of 1Nos IHP Submersible Pump (RFL/Gazi/Equivalent), use 120-150 feet 1" column pipe with electric cable & 1" dia uPVC delivery pipe to water tank connection (100-150feet), Pump house making by brick wall, plaster & Plain sheet cover with lock-65mm (3'-0"X3'-0"X3'-0") completed, all fitting & connection (Package work for drinking water supply & Need water Test Report) and accepted by the Engineer-in-charge. (For Purbo Koroibuniya Primary School, Chakboitha, Rathnapalong Union, Ukhiya)	NOS	1.00			
34	Boring & Pipe Fitting Work (Variable): 3" Dia Boring, Use D-Class 3" dia uPVC pipe & strainer =30'-0" (RFL/Matador/equivalent), Use adequate sand, gravel & Ventonite Powder, all fitting & connection (Package work) and accepted by the Engineer-in-charge. (For Purbo Koroibuniya Primary School, Chakboitha, Rathnapalong Union, Ukhiya)	RFT	341.00			

C.2- Name of Work: 2 Wash Facility with Septic Tank & Soak well Construction for Natun Para J. Chowdhury-GPS.

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
1	Site Mobilization & Layout Work: Water & Electric supply for working by vendor, Any accident & damage laible by vendor, Must be use safety security materials (Vest & Helment), will have 1 first aid box with sufficient medicine, 3 set drawing printout with color & A3 page (1Engineer, 1Vendor & 1 School), Regular Maintain MB, Mobilization for materials, equipment, tools, and plants, temporary labor shed to arrange proper sanitation, water facilities for labor and cleaning all project after completed works, etc. Cement: Shah Special/Crown/Diamond, Rod-BSRM/KSRM/AKS, all completed as per specifications, design and direction of the engineer in charge. (School Room: Wash Room: 14'-8"X15'-9" + Extra: 18.94sft = 250.00sft)	SFT	250.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
2	Earth Cutting & Filling for 15" & 10" Wall Footing: Earth excavating to the lines, grades and elevation as shown in the drawing providing center lines, local bench mark pillars, fixing bamboo spikes and marking layout with chalk powder filling baskets, carrying and disposing of all excavated Earthwork in excavation of foundation trenches, materials at a safe distance designated by the E-I-C in all types of soils except rocky, gravelly, slushy or organic soil, leveling, ramming, dressing and preparing the base, etc. all complete for an initial excavation depth of 2m and an initial lead not exceeding 20m, including arranging all necessary tools and equipment at work site, etc. complete as per dir. of the E-I-C. (Wash Room: 3X14'-8"X1'-9"X2'-0"+3X15'-9"X1'-9"X2'-0" + Extra: 20.59cft= 340.00cft)	CFT	340.00			
3	Sand filling: Sand filling in School floor with sand having F.M. 0.5 to 0.8 in 300 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test or DCP-25N=300mm maximum) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge. (Wash Room: 14'-8"X15'-9"X1'-0"+ Stair: 8'-0"X3'-0"X1'-6" + Wall 2 side & Extra: 132.94cft= 400.00cft)	CFT	400.00			
4	Polythine: Use Polythine one Layer (100GSM) at under BFS & CC Work (Wall Footing), good quality accepted by the Engineer-in-charge (Wash room floor: 14'-8"X15'-9" + Wall footing: 91.38'X1'-6" + Extra: 31.87sft= 400.00sft).	SFT	400.00			
5	One layer of brick flat soling: One layer of brick flat soling in foundation & floor with first class or picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in-charge. (Wash Room: 14'-8"X15'-9" + Extra: 18.94sft = 250.00cft)	SFT	250.00			
6	Mass concrete (1:2:4): Mass concrete in floor & wall footing base with cement, sand (FM-1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc. including NCF in floor, all complete and accepted by the Engineer-in-charge. (Wall Footing: 91.38'X1'-6"X0'-3"+Wash Room: 14'-8"X15'-9"X0'-3" + Pit Floor: 2X3'-0"X3'-0"X0'-3" + Stair Step: 8'-0"X3'-0"X0'-3" + Extra: 12.46cft = 115.00cft)	CFT	115.00			
7	375 & 250mm brick work:- 375 & 250mm brick work with 1st class bricks in cement mortar (1:5) in foundation and plinth with Portland Composite Cement and best quality sand (minimum FM-1.2), filling the interstices tightly with mortar, raking out in-outside joints, cleaning and soaking bricks (Need brick soaking at plastic drum & soak minimum 2hr) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Wash room wall-bottom: 91.38'X1'-3"X1'-0" + Wash room wall-top: 91.38'X0'-10"X2'-0" + Stair: 8'-0"X3'-0"X2'-0" + Extra: 16.08cft = 330.00cft)	CFT	330.00			
8	Damp proof course (DPC) 50mm (1:1.5:3) with shuttering work (2side) of cement concrete with cement, sand and picked jhama brick chips, screening, centering, shuttering, casting, curing and finishing with add admixture (Use Padlo, 1 Bag Cement = 2.50kg) including the supply of water, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Wash Room: 91.38'X0'-5"X0'-2" + Extra: 3.47cft = 10.00cft)	CFT	10.00			
9	125mm brick work : 125mm brick work with 1st class bricks/automatic machine made 1st class bricks in cement mortar (1:4) with Portland Composite Cement and best quality sand (minimum FM1.2) and making bond with connected walls with uniform width and depth joints, true to vertical and horizontal lines in/c necessary scaffolding, raking out in-out joints, cleaning and soaking the bricks (Need brick soaking at plastic drum & soak minimum 2hr) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Wash Room: 91.38'X7'-0" + 10" Column: 9NX0'-10"X7'-0" + Pit: 2X9'-0"X2'-0" - Deduct (Dor & Window): 4X3'-6"X7'-0" - 4X5'-0"X1'-0" + Extra : 40.05 sft = 650.00sft)	SFT	650.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
10	Rod Work at Lintel, Sunshade & Verandah Post : Supplying and fabrication of Ribbed or deformed bar reinforcement (60Grade) for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. (Wash Room Roof Both way: 2X18'X18'X0.18kg (6" C/C) + Lapping, Pit slab & Extra: 23.36kg = 140.00Kg)	KG	140.00			
11	RCC Work at Wash Room Roof (with Shuttering work): Reinforced cement concrete works with minimum cement content relates to mix ratio (1:2:4 & use mixture machine for roof casting) and maximum water cement ratio 0.45 having minimum required average strength, $f_{cr} = 24$ Mpa and satisfied a specified compressive strength $f_c = 17$ Mpa at 28 days on standard cylinders as per $f_c = 17$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and Portland Composite Cement conforming to BDS EN 197-1 : 2003 CEM-II 42.5N sand of 50mm (without plasticizer) & 75mm to 100mm (when plasticizer use), pouring, casting, compacting by mechanical vibrator machine and curing at least for 28 days, removing centering-shuttering after approved specified time period. all complete as per direction and approval of the Engineer in charge. (Wash Room Roof : 17'-9"X17'-8"X0'-5" + Pit slab & Extra: 8.27cft = 140.00cft)	CFT	140.00			
12	MS Grill & Aluminum Louvers for Ventilation, Size 5'-0"x1'-0" , Grill frame with 25mmx4mm flat bar and grill will be made with solid bar-12mmx12mm (4" C/C bothway) and painting with two coats of synthetic enamel paint (Choklet Color) over a coat of anticorrosive priming, etc. Fitting and all complete as per direction of E-I-C. (4X5'-0"x1'-0" = 20.0 sft)	Sft	20.00			
13	MS Door Work (Size 3'-6"x7'-0"): Supplying fitting and fixing steel door frame & shutter with 18 BWG MS sheet/plain plate hinged to columns reinforcement with 38mm x 38mm x 5mm MS Angle and 25mm x 5mm flat bar stiffener and putty and painting the with two coats (Choklet color) of synthetic enamel paint over a coat of anticorrosive priming, supply 2nos 50mm lock, etc. all complete as per drawing and direction of E-I-C.	NOS	4.00			
14	Plaster Work-Wall: Minimum 12mm thick cement plaster (1:5) with Portland Composite cement and best quality sand (FM-1.2) to wall both inner and outer surface, finishing the corner and edges in/c washing of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Wash Room Outside: 60.84'X6'-6" + Wash Room Inside: 2X28'-0"X3'-0" + Basin Area: 2X26'-0"X3'-0" + Wash Roof Ceiling: 19'X19'-Deduct (Door): 2X4X3'-6"X3'-0" + Extra & Kobla : 153.54sft = 1150.0sft)	SFT	1,150.0			
15	Plaster With Net Cement Finishing (Skirting- Black-Oxide or Paint) Work: 10" Brick wall, Floor, 12mm thick cement plaster (1:5) with Portland Composite Cement and best quality sand (FM-1.2) to wall both inner and outer surface, finishing the corner and edges in / c washing of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Out side Bottom: 60.84"X 2'-6"+ Stair: 8'-0"X5'-0"+ Wash Room Roof Top: 18'X18'+ Pit Area In-out: 2X2X6'-0"X6'-0" + Extra & Kobla: 89.90sft = 750.00 sft).	SFT	750.00			
16	Paint Work (Plastic Paint at Inside and Weather Coat at outside, Brand: Berger/Asian/Rainbow/Equivalent): Sealer 1 coats, use readymade putting & rub, 2 coats paint, surface cleaning to free from all foreign materials before application of each coat, applying one vertical and one horizontal wash for each coat and successive coat is to be applied after drying up of previous coat including hair brass, providing necessary scaffolding and cleaning plinth, floors, doors, windows, portions and ventilators by washing, rubbing, oiling if necessary after white wash for all floors including cost of water, electricity and other charges etc. complete in all respect in all floors and accepted by the Engineer-in-charge (As per plaster quantity)	SFT	1,150.00			
17	Wash Room Floor Tiles :- A grade, Brand- Grade Wall/AKU/MIR/RAK, fitting and accepted by the Engineer-in-charge. (Wash Room Floor: 2X7'X7' + Basin area floor: 2X6'X7' + Wastage & Extra: 28.0sft = 210.00sft)	SFT	210.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
18	Wash Room Wall Tiles (Height-4'-0"): A grade, Brand- Grade Wall/AKIJ/MIR/RAK wash room in side fitting and accepted by the Engineer-in-charge. (Wash Room Wall: 2X24'-6"X4'-0" + Basin Area Wall: 2X19'-0"X4'-0" + Wastage & Extra: 52.0sft= 400.00sft)	SFT	400.00			
19	Wash Room all Fitting & Fixture as per drawing (BSF/RAK/BD standard): 2 Padastal Basin, 2 Ceramic Pan, 2 Low down, 6 steel water cool, 4 steel soap cash, 4 steel stainer, 2 RFL paper holder, 4" dia uPVC 2 Long Trup, 4" dia uPVC pipe as per need, 3" dia 2 Gass pipe (height-7'-0" with binding) & Water connection from water tank, supply 2 plastic waste bin with cover, all fitting and accepted by the Engineer-in-charge.	Unit	1.00			
20	a) Septic Tank: 15'-5"X7'-0"X6'-2" with 15" (Height-1'-6") & 10" (Height-3'-6") brick wall at out side & 5" brick wall at mid wall, soil cutting & remove at safe place, Inside Plaster with NCF & outside angy plaster, 6" CC & 3" BFS at bottom, RCC at top slab-5", 2 cast iron man hole cover, pit RCC 4" top cover, use 4" dia upvc connection with soak well, etc & b) Soak Well: 4ft dia & height-10ft with RCC ring & top slab, soil cutting, remove & side filling at safe place, use 1.5" size brick chips 2ft height, etc, as per septic tank & soak well as per drawing and accepted by the Engineer-in-charge.	Unit	1.00			
21	Name Plate: Name plate with stone plate (size: 2'-0"x1'-6", T-10mm) with written, Supply & Fitting at outside wall, (পাথরের উপরে খোদাই করে সকল লেখা হবে), all complete and accepted by the Engineer-in-charge (NGO name, Donor Name & as per given).	NOS	1.00			
22	Name Plate: Name plate with SS sheet (size: 1'-0"x6'-0") with written, Supply & Fitting at outside wall, all complete and accepted by the Engineer-in-charge (Male & Female written & Samble).	NOS	2.00			
23	All Electric Item: Need Conceal Wiring with 3/4" PVC pipe & 1.5 to 2.5RM (Main line-2.5rm & service line-1.5rm) cable as per need, Electric connection from existing electric line (Maximum 50rft with pvc pipe), 4nos switch for 12Watt 4nos LED light, Use 2nos Socket with plastic gang board, use 1nos 50 AMP Circuit Breaker & plastic box (RFL/BIZILI/BRB/Superstar/Energy Pac/Click/Equivalent) all complete (Package work) and accepted by the Engineer-in-charge.	Unit	1.00			


Marina Akther
Executive Director

Copy: 
1) Head of Admin & HR- JCF.
2) Director (Finance & Accounts)- JCF.
3) Office Copy.

Name of the organization accepting the tender.....
Name and signature of the tenderer:
Address:
Mobile No:

Lot: 4

Name of Work : Patabari Government Primary School (1 Classroom at 1st Floor) Construction.

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
1	Site mobilization, Layout work, Existing roof & Paraped wall one side and small column broken, Cleaning & ETC (Water & Electric supply for working by vendor): Any Accident & damage laible by vendor, Must be use safety security materials (Vest & Helment), must have 1 first aid box with sufficient medicine & 1 Construction PVC banner (4'-0"X3'-0" & sample by JCF), need 1 temporary store room, 3 set drawing printout with color & A3 page (1 set Engineer, 1 Vendor & 1 School) Regular Maintain MB, Mobilization for materials, equipment, tools, and plants, temporary labor shed to arrange proper sanitation, water facilities for labor and cleaning all project after completed works, etc. Cement: Shah Special/Crown/Diamond, Rod-BSRM/KSRM/AKS , all completed as per BoQ specifications, design and direction of the engineer in charge. (School Room: 19'-11"X25'-9" + Extra:87.06 sft = 600.0sft)	SFT	600.00			
2	125mm brick work: 125mm brick work with 1st class bricks/automatic machine made 1st class bricks in cement mortar (1:5) with Portland Composite Cement and best quality sand (minimum FM-1.2) and making bond with connected walls with uniform width and depth joints, true to vertical and horizontal lines in/c necessary scaffolding, raking out in-outside joints , cleaning and, soaking the bricks (Need brick soaking at plastic drum & soak minimum 2hr) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Main Room: 58.17'X9' + Paraped Wall: 65.59'X3'- Deduct (Dor & Window): 1X3.5'X7'-5X6'-0"X4'-6" + Extra : 39.20 sft = 600.0sft)	SFT	600.00			
3	Rod Work at Column, Beam, Roof, Lintel, Sunshade & Verandah drop wall: Supplying and fabrication of Ribbed or deformed bar reinforcement (60Grade) for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG wire, supplying and placing with proper cover blocks (1:1) , supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. (Roof Both way: 2X1.5X40NX27.75'X0.18kg + Lintel Main Rod: 6NX7'X4X0.18kg + Ring: 6NX10X1'X0.12kg + Sunshade H+V: 2X5NX3NX7'X0.18kg + Ver. Lintel: 4NX27.42'X0.18kg + Ring: 50NX1'X0.12kg + All Column : 6X8NX13'X0.48kg + Column Ring: 6X20NX4'X.12kg + Beam Main Rod: 85.51'X7NX0.48kg + Beam Ring: 150NX4'X0.12kg + Lapping & Extar: 183.18kg = 1600.00Kg)	KG	1,600.00			
4	RCC Work at Column, Beam, Roof, Lintel, Sunshade & Verandah drop wall with all materials (with shutter work): Reinforced cement concrete works with minimum cement content relates to mix ratio (1:1.5:3 & use mixture machine for roof casting) and maximum water cement ratio 0.45 having minimum required average strength, $f_{cr} = 24$ Mpa and satisfied a specified compressive strength $f_c = 17$ Mpa at 28 days on standard cylinders as per $f_c = 17$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and Portland Composite Cement conforming to BDS EN 197-1 : 2003 CEM-II 42.5N sand of 50mm (without plasticizer) & 75mm to 100mm (when plasticizer use), pouring, casting, compacting by mechanical vibrator machine and curing at least for 28 days , removing centering-shuttering after approved specified time period, i/c cost of additional testing charges of materials and cylinders required and all complete as per direction of the E-I-C.. (Column: 6NX1'-3"X0'-10"X12' + Room Roof : 21'-11"X27'-9"X0'-5" + Beam: 80'X0'-10"X1'-3" + Lintel: 6NX6'-0"X0'-5"X0'-6" + Sunshade: 5NX7'-0"X1'-3"X0'-3" + Ver. Lintel: 27.42'X0'-5"X0'-6" + Extra: 62.56cft = 500.00cft)	CFT	500.00			
5	Plaster Work-Wall: Minimum 12mm thick cement plaster (1:5) with Portland Composite Cement and best quality sand (minimum FM-1.2) to wall both inner and outer surface, finishing the corner and edges in/c washing & netting of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Main Room In-out: 2X85.51'X10'-0" + Sunshade: 30'-0"X2X1'-3" + Column Side: 6NX1'-0"X9'-6" + Paraped Wall: 2X65.59'X3' + Paraped Column: 6NX5'X3' + Ceiling: 21.42'X28'-9" + Deduct (Dor & Window): 2X1X3'-6"X7'-0"-2X5X6'-0"X4'-0"-Ver. Grill: 2X23.83'X4.0' + Extra & Kola : 138.61 sft = 2600.0sft)	SFT	2,600.0			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
6	Plaster With Net Cement Finishing (Floor-Red-Oxide & Skirting-Black) with Paint Work : Minimum 12mm thick cement plaster (1:5) with Portland Composite Cement and best quality sand (minimum FM-1.2) to wall both inner and outer surface, finishing the corner and edges in / c washing & netting of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (School Floor : 21.42'X28'-9" + Extra & Kobla: 84.17sft = 700.00 sft).	SFT	700.00			
7	Only Net Cement Finishing Work on Roof : For lick proof, all complete as per direction of the E-I-C. (as per roof = floor)	SFT	700.00			
8	Paint Work (Plastic Paint at Inside and Weather Coat at outside, Brand: Berger/Asian/Rainbow/Equivalent): Sealer 1 coats, use readymade putting & rub, 2 coats paint, surface cleaning to free from all foreign materials before application of each coat, applying one vertical and one horizontal wash for each coat and successive coat is to be applied after drying up of previous coat including hair brass, providing necessary scaffolding and cleaning plinth, floors, doors, windows, portions and ventilators by washing, rubbing, oiling if necessary after white wash for all floors including cost of water, electricity and other charges etc. complete in all respect in all floors and accepted by the Engineer-in-charge (As per plaster quantity)	SFT	2,600.00			
9	Verandah Grill (As per existing Verandah Grill design) : Supplying, fitting and fixing Verandah grill made of 12 mm x 12 mm M.S. solid bar @ 100mm c/c with outer frame of 38 mm x 6mm F.I. bar and 25 mm x 6 mm F.I. bar for clamp as per design including fabrication, welding, cost of electricity workshop charges, carriage, cutting grooves, mending good the damages, tools and plants, finished with anti-corrosive painting (Red-Oxide) two coats of synthetic enamel existing paint , etc. Supply & Fitting and all complete as per direction of E-I-C. (23.83'x9' + Extra : 15.50 SFT = 230.0 SFT).	Sft	230.00			
10	Wooden Door (Size 3'-6"X7'-0" & all completed with existing window design & paint): Supplying fitting and fixing wooden door frame (3"X6") & shutter with 1.5" solid wood (Mahaguni/Equivalent) and putty and painting the with two coats of synthetic enamel paint etc. Supply & Fitting and all complete as per direction of E-I-C.	NOS	1.00			
11	Window only Fitting & Two Coat Paint work (Existing Color) : All window supply from Monkhali Chakma Para GPS by another vendor, only Fitting & two coat Paint work (Existing Color) all complete and accepted by the Engineer-in-charge	NOS	5.00			
12	Name Plate (Size: 2'-0"X1'-6" & Thickness-10mm) : Supply Slate stone & digging in plate, Fitting, Fixing all complete & all complete (পাথরের উপরে খোদাই করে সকল লেখা হবে) and accepted by the Engineer-in-charge (Project & School name, Donor details, 3/4 Nos Logo, work details, Written supply by JCF)	NOS	1.00			
13	Black Board : All completed as per existing board at beside room (Black Color good paint & out side border-2"X2" & As per existing window design).	NOS	1.00			
14	Electrical Wiring (Conceal Wiring) : Use PVC pipe wall & slab grade (1/2"-3/4"-1") with best quality and use Cable (Main line & all socket-2.5 RM and all others service line-1.5 RM) with best quality and Plastic Gang Board=6, 4 gang switch=1, Power Sockets=1, Fan Regulator=4, Electric connection from existing electric line, (Brand: RFL/Bizli/BRB/Click/Superstar/Equivalent). all complete (Pakage work) and accepted by the Engineer-in-charge.	Paka-ge	1.00			
15	Energy Saving Light with Holder: 18 Watt (Brand: Philips/Superstar/Energypac/Equivalent) with fitting as per need (Room-3 & Verandah-1), all complete and accepted by the Engineer-in-charge.	NOS	4.00			
16	Circuit Breaker & Box: 63 AMP (Brand: Click/Energypac/Equivalent), supply & fitting on wall inside all complete and accepted by the Engineer-in-charge.	NOS	1.00			
17	Ceiling Fan & Fan Hook: 56 inch 3-metal fan blades, (Brand: BRB/Superstar/Vision/Equivalent) with fitting as per need & all complete and accepted by the Engineer-in-charge.	NOS	4.00			

Marina Akther
Executive Director

Copy: 

1) Head of Admin & HR- JCF.

2) Director (Finance & Accounts)- JCF.

3) Office Copy.

Name of the organization accepting the tender.....

Name and signature of the tenderer:

Address:

Mobile No:

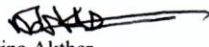
Lot: 5

Name of Work: 2 Wash Facility with Septic Tank & Soak well Construction for Purbo Koroibunia Primary School .

SL #	Name of Item	Unit measurment	Quantity	Unit price	Total Amount Tk.	Remarks
1	Site Mobilization & Layout Work: Water & Electric supply for working by vendor, Any accident & damage laible by vendor, Must be use safety security materials (Vest & Helment), will have 1 first aid box with sufficiant medicine, 3 set drawing printout with color & A3 page (1Engineer, 1Vendor & 1 School), Regular Maintain MB, Mobilization for materials, equipment, tools, and plants, temporary labor shed to arrange proper sanitation, water facilities for labor and cleaning all project after completed works, etc. Cement: Shah Special/Crown/Diamond, Rod-BSRM/KSRM/AKS , all completed as per specifications, design and direction of the engineer in charge. (School Room: Wash Room: 14'-8"X15'-9" + Extra: 18.94sft = 250.00sft)	SFT	250.00			
2	Earth Cutting & Filling for 15" & 10" Wall Footing: Earth excavating to the lines, grades and elevation as shown in the drawing providing center lines, local bench mark pillars, fixing bamboo spikes and marking layout with chalk powder filling baskets, carrying and disposing of all excavated Earthwork in excavation of foundation trenches, materials at a safe distance designated by the E-I-C in all types of soils except rocky, gravelly, slushy or organic soil, leveling, ramming, dressing and preparing the base, etc. all complete for an initial excavation depth of 2m and an initial lead not exceeding 20m, including arranging all necessary tools and equipment at work site, etc. complete as per dir. of the E-I-C. (Wash Room: 3X14'-8"X1'-9"X2'-0"+3X15'-9"X1'-9"X2'-0" + Extra: 20.59cft= 340.00cft)	CFT	340.00			
3	Sand filling: Sand filling in School floor with sand having F.M. 0.5 to 0.8 in 300 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test or DCP-25N=300mm maximum) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge. (Wash Room: 14'-8"X15'-9"X1'-0" + Stair: 8'-0"X3'-0"X1'-6" + Wall 2 side & Extra: 132.94cft= 400.0cft)	CFT	400.00			
4	Polythine: Use Polythine one Layer (100GSM) at under BFS & CC Work (Wall Footing), good quality accepted by the Engineer-in-charge (Wash room floor: 14'-8"X15'-9" + Wall footing: 91.38'X1'-6" + Extra: 31.87sft= 400.0sft).	SFT	400.00			
5	One layer of brick flat soling:- One layer of brick flat soling in foundation & floor with first class or picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer -in- Charge. (Wash Room: 14'-8"X15'-9" + Extra: 18.94sft = 250.00cft)	SFT	250.00			
6	Mass concrete (1:2:4): Mass concrete in floor & wall footing base with cement, sand (FM-1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc. including NCF in floor, all complete and accepted by the Engineer -in-charge. (Wall Footing: 91.38'X1'-6"X0'-3"+Wash Room: 14'-8"X15'-9"X0'-3" + Pit Floor: 2X3'-0X3'-0"X0'-3" + Stair Step: 8'-0"X3'-0"X0'-3" + Extra: 12.46cft = 115.00cft)	CFT	115.00			
7	375 & 250mm brick work:- 375 & 250mm brick work with 1st class bricks in cement mortar (1:5) in foundation and plinth with Portland Composite Cement and best quality sand (minimum FM-1.2), filling the interstices tightly with mortar, raking out in-outside joints , cleaning and soaking bricks (Need brick soaking at plastic drum & soak minimum 2hr) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Wash room wall-bottom: 91.38'X1'-3"X1'-0" + Wash room wall-top: 91.38'X0'-10"X2'-0" + Stair: 8'-0"X3'-0"X2'-0" + Extra: 16.08cft = 330.00cft)	CFT	330.00			
8	Damp proof course (DPC) 50mm (1:1.5:3) with shuttering work (2side) of cement concrete with cement, sand and picked jhama brick chips, screening, centering, shuttering, casting, curing and finishing with add admixture (Use Padlo, 1 Bag Cement = 2.50kg) including the supply of water, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Wash Room: 91.38'X0'-5"X0'-2" + Extra: 3.47cft = 10.00cft)	CFT	10.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
9	125mm brick work : 125mm brick work with 1st class bricks/automatic machine made 1st class bricks in cement mortar (1:4) with Portland Composite Cement and best quality sand (minimum FM1.2) and making bond with connected walls with uniform width and depth joints, true to vertical and horizontal lines in/c necessary scaffolding, raking out in-out joints , cleaning and soaking the bricks (Need brick soaking at plastic drum & soak minimum 2hr) at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Wash Room: 91.38'X7'-0" + 10" Column: 9'X0'-10"X7'-0" + Pit: 2'X9'-0"X2'-0" - Deduct (Dor & Window): 4'X3'-6"X7'-0" - 4'X5'-0"X1'-0" + Extra : 40.05 sft = 650.0sft)	SFT	650.00			
10	Rod Work at Lintel, Sunshade & Verandah Post : Supplying and fabrication of Ribbed or deformed bar reinforcement (60Grade) for all types of RCC work including straightening, removing ruts, cleaning, cutting, hooking, bending, lapping and/or welding wherever required as directed, placing in position, tying with 22 BWG black annealed binding wire (PVC coated in case of FBEC rebar) double fold, cost of binding wire and anchoring to the adjoining members wherever necessary, supplying and placing with proper cover blocks (1:1), supports, chairs, spacers, splices or laps etc. including cost of all materials, cost of labour, cost of equipment & machinery, loading and unloading, transportation, all other incidental charges and work at all leads and lifts etc. to complete the work as per design, drawing, specifications and direction of the E-I-C. (Wash Room Roof Both way: 2'X18'X18'X0.18kg (6" C/C) + Lapping, Pit slab & Extar: 23.36kg = 140.00Kg)	KG	140.00			
11	RCC Work at Wash Room Roof (with Shuttering work): Reinforced cement concrete works with minimum cement content relates to mix ratio (1:2:4 & use mixture machine for roof casting) and maximum water cement ratio 0.45 having minimum required average strength, $f_{cr} = 24$ Mpa and satisfied a specified compressive strength $f_c = 17$ Mpa at 28 days on standard cylinders as per $f_c = 17$ Mpa at 28 days on standard cylinders as per standard practice of Code AASHTO/ ASTM and Portland Composite Cement conforming to BDS EN 197-1 : 2003 CEM-II 42.5N sand of of 50mm (without plasticizer) & 75mm to 100mm (when plasticizer use), pouring, casting, compacting by mechanical vibrator machine and curing at least for 28 days, removing centering-shuttering after approved specified time period. all complete as per direction and approval of the Engineer in charge. (Wash Room Roof : 17'-9"X17'-8"X0'-5" + Pit slab & Extra: 8.27cft = 140.00cft)	CFT	140.00			
12	MS Grill & Aluminum Louvers for Ventilation, Size 5'-0"x1'-0" , Grill frame with 25mmx4mm flat bar and grill will be made with solid bar-12mmx12mm (4" C/C bothway) and painting with two coats of synthetic enamel paint (Choklet Color) over a coat of anticorrosive priming, etc. Fitting and all complete as per direction of E-I-C. (4'X5'-0"x1'-0" = 20.0 sft)	Sft	20.00			
13	MS Door Work (Size 3'-6"X7'-0"): Supplying fitting and fixing steel door frame & shutter with 18 BWG MS sheet/plain plate hinged to columns reinforcement with 38mm x 38mm x 5mm MS Angle and 25mm x 5mm flat bar stiffener and putty and painting the with two coats (Choklet color) of synthetic enamel paint over a coat of anticorrosive priming, supply 2nos 50mm lock, etc. all complete as per drawing and direction of E-I-C.	NOS	4.00			
14	Plaster Work-Wall: Minimum 12mm thick cement plaster (1:5) with Portland Composite cement and best quality sand (FM-1.2) to wall both inner and outer surface, finishing the corner and edges in/c washing of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Wash Room Outside: 60.84'X6'-6" + Wash Room Inside: 2'X28'-0"X3'-0" + Basin Area: 2'X26'-0"X3'-0" + Wash Roof Ceiling: 19'X19' - Deduct (Door): 2'X4'X3'-6"X3'-0" + Extra & Kobra : 153.54sft = 1150.0sft)	SFT	1,150.0			
15	Plaster With Net Cement Finishing (Skirting- Black-Oxide or Paint) Work: 10" Brick wall, Floor, 12mm thick cement plaster (1:5) with Portland Composite Cement and best quality sand (FM-1.2) to wall both inner and outer surface, finishing the corner and edges in / c washing of sand cleaning the surface, scaffolding and curing for the requisite period etc. all complete as per direction of the E-I-C. (Out side Bottom: 60.84"X 2'-6" + Stair: 8'-0"X5'-0" + Wash Room Roof Top: 18'X18' + Pit Area In-out: 2'X2'X6'-0"X6'-0" + Extra & Kobra: 89.90sft = 750.00 sft).	SFT	750.00			

SL #	Name of Item	Unit measurement	Quantity	Unit price	Total Amount Tk.	Remarks
16	Paint Work (Plastic Paint at Inside and Weather Coat at outside, Brand: Berger/Asian/Rainbow/Equivalent): Sealer 1 coats, use readymade putting & rub, 2 coats paint, surface cleaning to free from all foreign materials before application of each coat, applying one vertical and one horizontal wash for each coat and successive coat is to be applied after drying up of previous coat including hair brass, providing necessary scaffolding and cleaning plinth, floors, doors, windows, portions and ventilators by washing, rubbing, oiling if necessary after white wash for all floors including cost of water, electricity and other charges etc. complete in all respect in all floors and accepted by the Engineer-in-charge (As per plaster quantity)	SFT	1,150.00			
17	Wash Room Floor Tiles :- A grade, Brand- Grade Wall/AKIJ/MIR/RAK, fitting and accepted by the Engineer-in-charge. (Wash Room Floor: 2X7'X7' + Basin area floor: 2X6'X7' + Wastage & Extra: 28.0sft = 210.00sft)	SFT	210.00			
18	Wash Room Wall Tiles (Height-4'-0"): A grade, Brand- Grade Wall/AKIJ/MIR/RAK wash room in side fitting and accepted by the Engineer-in-charge. (Wash Room Wall: 2X24'-6"X4'-0" + Basin Area Wall: 2X19'-0"X4'-0" + Wastage & Extra: 52.0sft= 400.00sft)	SFT	400.00			
19	Wash Room all Fitting & Fixture as per drawing (BSF/RAK/BD standard): 2 Padastal Basin, 2 Ceramic Pan, 2 Low down, 6 steel water cool, 4 steel soap cash, 4 steel stainer, 2 RFL paper holder, 4" dia uPVC 2 Long Trup, 4" dia uPVC pipe as per need, 3" dia 2 Gass pipe (height-7'-0" with binding) & Water connection from water tank, supply 2 plastic waste bin with cover, all fitting and accepted by the Engineer-in-charge.	Unit	1.00			
20	a) Septic Tank: 15'-5"X7'-0"X6'-2" with 15" (Height-1'-6") & 10" (Height-3'-6") brick wall at out side & 5" brick wall at mid wall, soil cutting & remove at safe place, Inside Plaster with NCF & outside angy plaster, 6" CC & 3" BFS at bottom, RCC at top slab-5", 2 cast iron man hole cover, pit RCC 4" top cover, use 4" dia upvc connection with soak well, etc & b) Soak Well: 4ft dia & height-10ft with RCC ring & top slab, soil cutting, remove & side filling at safe place, use 1.5" size brick chips 2ft height, etc, as per septic tank & soak well as per drawing and accepted by the Engineer-in-charge.	Unit	1.00			
21	Name Plate: Name plate with stone plate (size: 2'-0"x1'-6", T-10mm) with written, Supply & Fitting at outside wall, (পাথরের উপরে খোদাই করে সকল লেখা হবে), all complete and accepted by the Engineer-in-charge (NGO name, Donor Name & as per given).	NOS	1.00			
22	Name Plate: Name plate with SS sheet (size: 1'-0"x6'-0") with written, Supply & Fitting at outside wall, all complete and accepted by the Engineer-in-charge (Male & Female written & Samble).	NOS	2.00			
23	All Electric Item: Need Conceal Wiring with 3/4" PVC pipe & 1.5 to 2.5RM (Main line- 2.5rm & service line-1.5rm) cable as per need, Electric connection from existing electric line (Maximum 50ft with pvc pipe), 4nos switch for 12Watt 4nos LED light, Use 2nos Socket with plastic gang board, use Inos 50 AMP Circuit Breaker & plastic box (RFL/BIZILI/BRB/Superstar/Energy Pac/Click/Equivalent) all complete (Package work) and accepted by the Engineer-in-charge.	Unit	1.00			


Marina Akther
Executive Director

Copy: 
1) Head of Admin & HR- JCF.
2) Director (Finance & Accounts)- JCF.
3) Office Copy.

Name of the organization accepting the tender.....
Name and signature of the tenderer:
Address:
Mobile No:



Jagorani Chakra Foundation (JCF)

46 Mujib Sarak, Jashore.



Jagorani Chakra Foundation (JCF)-"Steps to a Bright Tomorrow: Education for Adolescent and Youth in Cox's Bazar" Project

Terms and conditions:

- 1 The schedule could be collected within dated 16/08/2026 to 30/08/2026 from bdjobs.com/www.jcf.org.bd(Notice board)/Jagorani Chakra Foundation, Head office, 46, mujib sarak, Jashore or Project office "Steps to a Bright Tomorrow: Education for Adolescent and Youth in Cox's Bazar", Kutupalong, Purbopara, (Opposit Alif Hospital), Ukhiya, Cox's Bazar during office hours (9:00 AM to 5:00 PM).
- 2 You are requested to submit your offer/unit price in a sealed envelope to **The Executive Director, Jagorani Chakra Foundation-** "Steps to a Bright Tomorrow" Project Office, Kutupalong, Purbopara, Ukhiya, Cox's Bazar, on 31/08/2026, by 03:00 PM.
- 3 The pre-bid meeting will be held on 25/08/2026 at 11.00 am in "Steps to a Bright Tomorrow: Education for Adolescent and Youth in Cox's Bazar", Kutupalong, Purbopara, (Opposit Alif Hospital), Ukhiya, Cox's Bazar Project office, so all bidders are kindly requested to the meeting.
- 4 Submitted tender/quotation will be opened date as on 31/08/2026 at 03:30 PM at the project office, "Steps to a Bright Tomorrow" Project Office, Kutupalong, Purbopara, Ukhiya, Cox's Bazar, in the presence or absence of the vendors who are available.
- 5 Any incomplete quotation will not be accepted by Jagorani Chakra Foundation.
- 6 Site visit by the vendors is encouraging before submitting quotation.
- 7 Vendors must be submitted the following documents with the "Quotation":
 - a) Valid Trade license, TAX identification number (TIN), Update Income tax clearance certificate and Vat registration number (13digit BIN).b) Bank Solvency Certificate. c) Construction License. d) Construction related work experience: Vendor should have enough related work experience with similar type of institute (INGOs, NGOs, etc).
- 8 Construction related instruments should carry-out into the respective work premise by own cost of supplier/vendor.
- 9 Payment will be made vide crossed cheque/bank transfer advice in favor of your Firm/Institution.
- 10 TAX & VAT will be deducted as per Bangladesh Govt. rules & regulation (If Necessary).
- 11 Vendor should bear all responsibilities (such as instruments safety, manpower/ laborer safety securities and any other issues).
- 12 The work order will be awarded to the quality lowest bidder based on a lotwise basis.
- 13 Selected vendor must be provided 10% TK. of total value of work should be deposited in Pay Order in favour of "Jagorani Chakra Foundation" as performance security. Which will be treat as "Performance Grantee" and it will be returned to the vendor after 60 days base on satisfactory completion of the work. Notably, the 60 days will be applicable as "Defect Liability period (DLP)". Vendors liable for any faulty of the work by this time.
- 14 Successful bidder should be ensure the supply of mentioned items within the specific date as mentioned in the purchase order.
- 15 Selected Vendor have to sign deed with Tk. 300/= non-judicial stamp before starting the work.
- 16 Supplier must be completed the work by quality products (as per WO & BoQ). The work by low quality product won't be accepted.
- 17 Vendor must be completed the work by the time. If fail, compensation should be applicable.
- 18 Vendor could be submit bill based actual work done and used of materials, labor & others in accordance of BOQ. Submitted bill should be not exceed.
- 19 Payment should be made by the authority only and after taking delivery and 100% completion report.
- 20 To ensuring RRRC (Refugee Relief and Repatriation Commissioner) rules and regulation for any construction work.
- 21 For ensuring Child safeguarding, JCF is committed to cancel all running business dealings with any convicted Child oppressor.
- 22 JCF has a "Zero Tolerance" approach to sexual Exploitation & Abuse, sexual Harassment and does not allow any vendor, supplier, sub-contractor, agent or any individual to engage in any form of sexual exploitation & abuse or harassment against child & woman, vulnerable or other adults associated with its work. JCF is committed to cancel all running business dealings with any convicted Sexual Exploiter.
- 23 JCF Determined not to work with any person/parties convicted for money laundering activities.
- 24 JCF reserves the right to accept or reject your offer without assigning any reason.

Marina Akther
Executive Director
Jagorani Chakra Foundation

Name of the organization accepting the tender:.....
Name and signature of the tenderer:.....
Address:
Mobile No:

Type of work: 6 Class Room & 2 Wash Room Construction.

SCHOOL BUILDING DESIGN

Of Al-Helal Primary School

School Address: Holdiapalong Union, Uttorkul, Ukhiya, Cox's Bazar.

Name of project: Multi Sectoral Support to the FDMN and Host Community in Cox's Bazar.

Project Duration: January 1, 2026 to December 31, 2026.

School Measurement: 114'-8"x18'-3" with 6'-0" open veranda.

Name of Partner Organization :	Name of Organization :
Jagorani Chakra Foundation (JCF) Head Office : 46 Mujib Sarak, Jashore-7400, Bangladesh. Project Office : kutupalong Purbo Para, Ukhiya, Cox's Bazar. Mobile : PC-01817-964540, Eng-01685-551651 Email : jcfjfpib@gmail.com	Plan International Bangladesh. Country Office : House 14, Road 35, Gulshan - 2 Dhaka-1212 Bangladesh, Phone: + 880-2-9860167. Fax: N/A. E-mail: Plan.bangladesh@plan-international.org. Field Office: Ukhiya South Station, Ukhiya, Cox's Bazar.


 Abdur Rashid
 Project Coordinator
 JCF-JPF Ukhiya Cox's Bazar


 Design by:
 Engr. Md. Ruhul Amin
 (B.Sc. in Civil Engineer)
 Construction Engineer
 JCF-Cox's Bazar.

INDEX SHEET FOR THIS DRAWING.

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P- 04	DETAILS PLAN OF THIS SCHOOL
P- 05	COLUMN LAYOUT PLAN

SHEET NO	INDEX
P- 06	WALL & COLUMN SECTION
P- 07	DOOR & WINDOW DETAILS
P- 08	ALL CROSS SECTION
P- 09	BACK ELEVATION
P- 10	RAMP FOR DISABILITY

Engr. Md. Ruhul Amin, B.Sc. in Civil Engineer, Mob: 01685-551651

Fig: Index sheet for Al-Helal Primary School.


 Abdur Rashid
 Project Coordinator
 JCF-JPF, Ukhiya, Cox's Bazar


 Design by:
 Engr. Md. Ruhul Amin
 (B.Sc. in Civil Engineer)
 Construction Engineer
 JCF-Cox's Bazar.

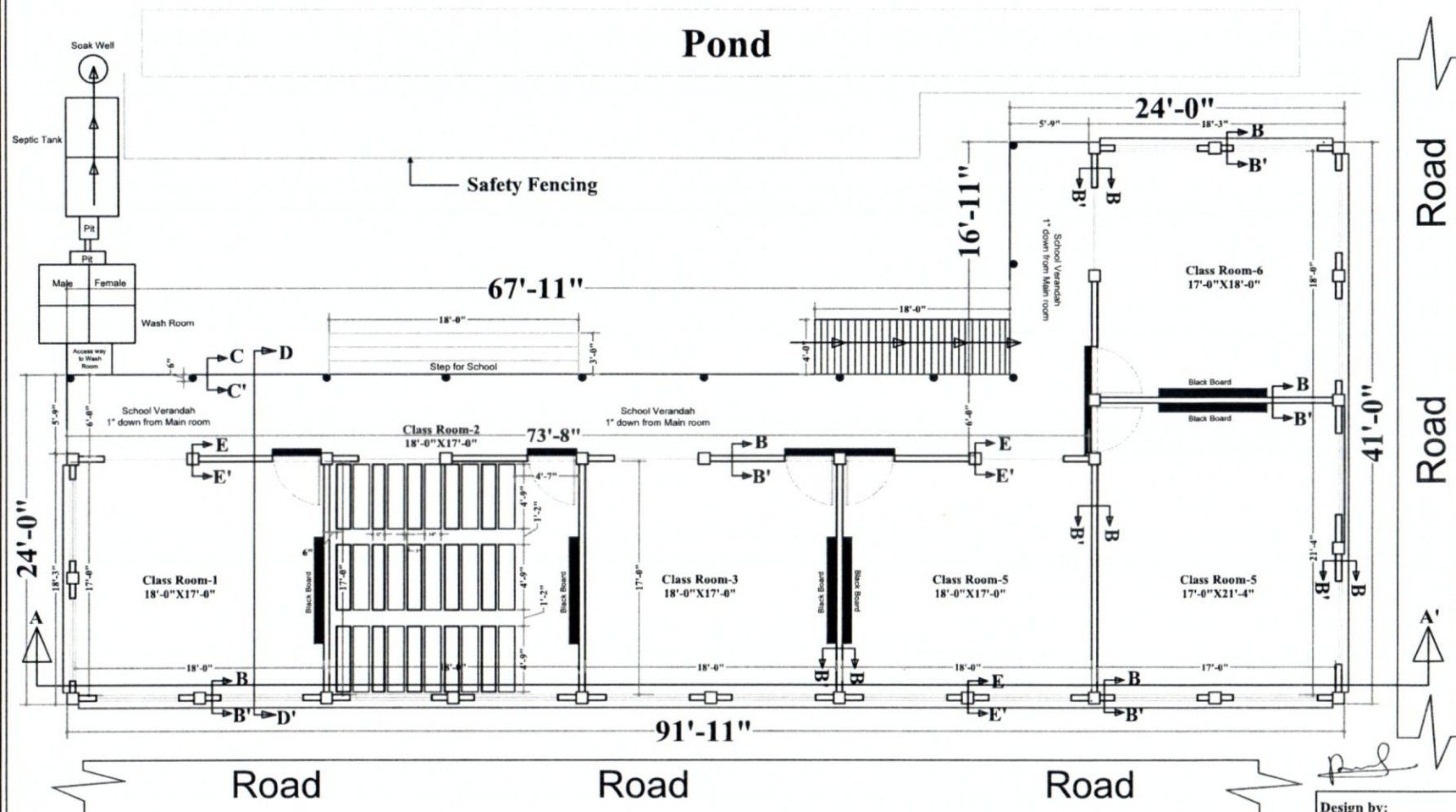


Fig: Layout Plan for Al-Helal Primary School.

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Abdur Rashid
Project Coordinator
JCF-Cox's Bazar

Pond

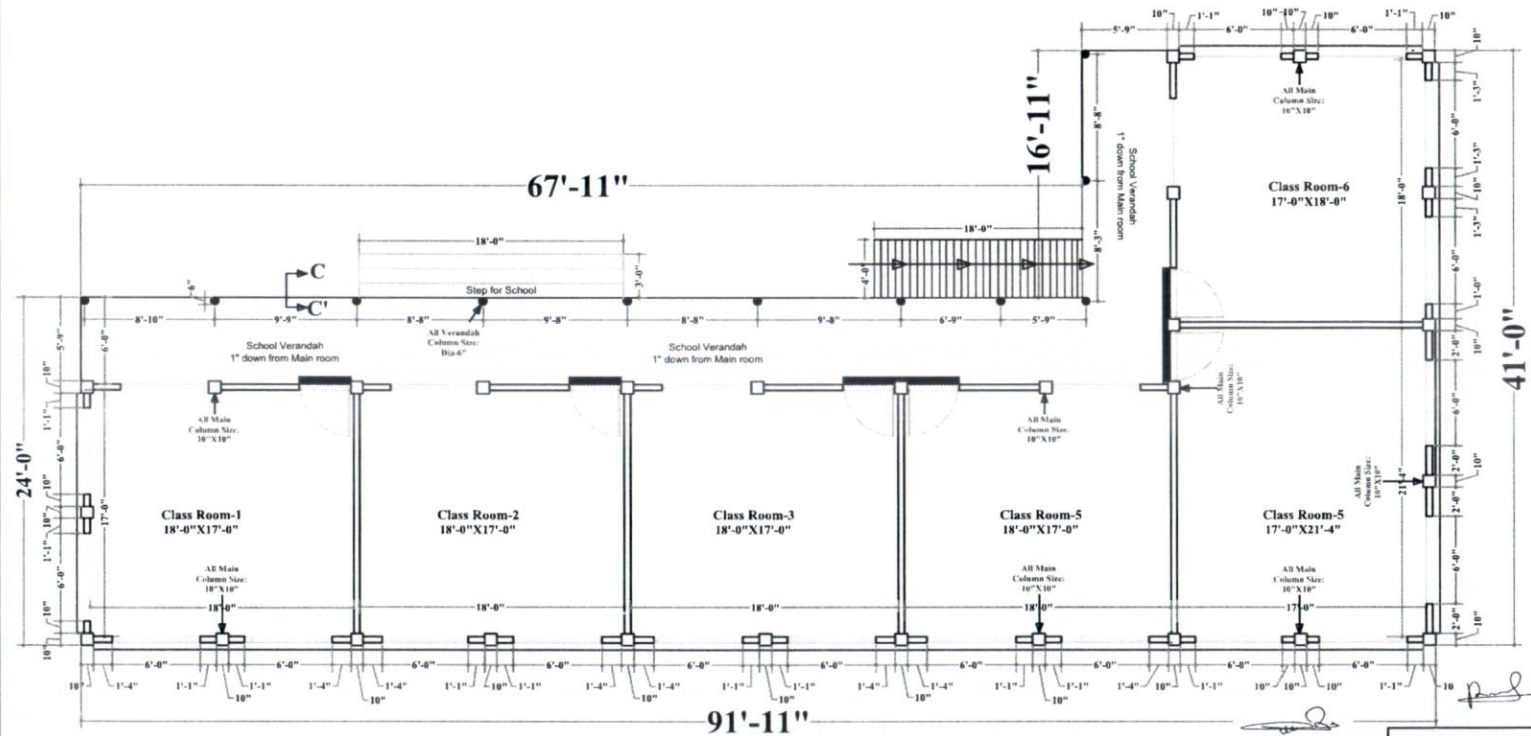


Fig: Details Measurement for Al-Helal Primary School.

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Pond

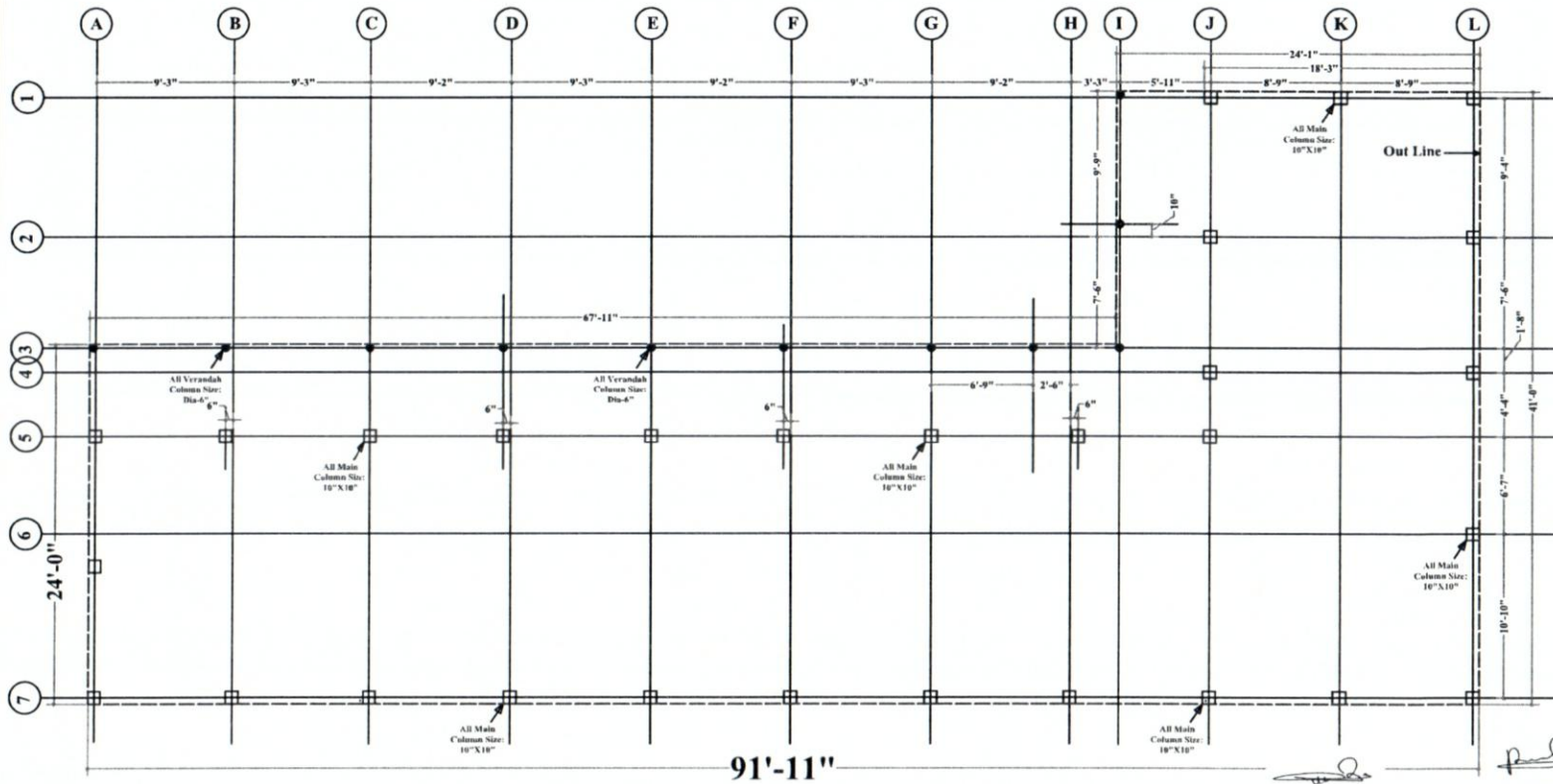


Fig: Column Layout Plan for Al-Helal Primary School.

Abdur Rashid
Project Coordinator
JCF-SP (Hina Civil Bazar)

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

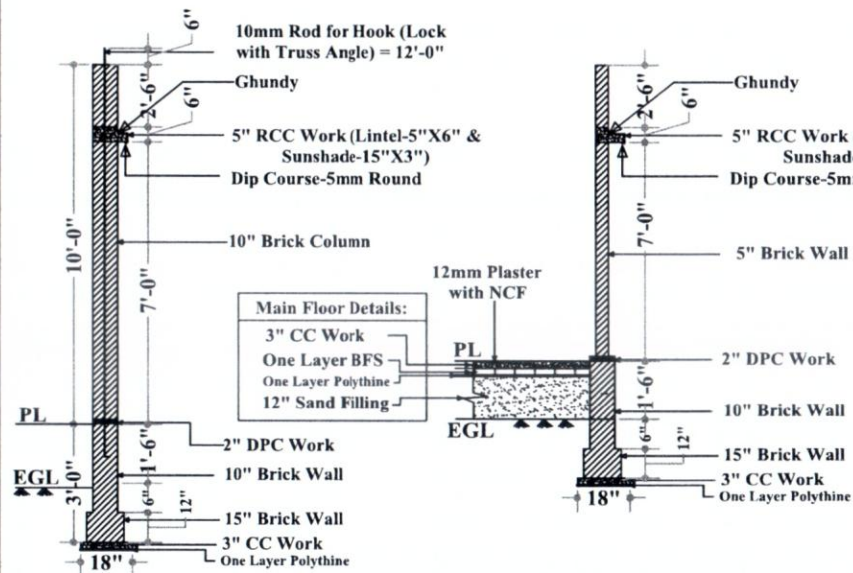


Fig: Column & Footing
Section for E-E'

Fig: Wall Cross Section for B-B'
(Main Wall)

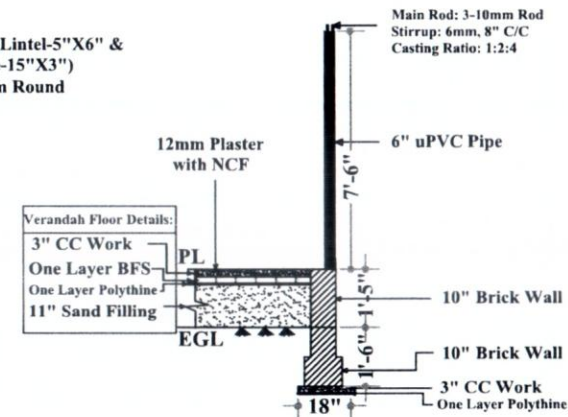


Fig: Cross Section for C-C'
(Verandah Wall)

Fig: Wall, Column & Footing Section for Al-Helal Primary School.

Abdur Raheem
Project Coordinator
JCF-Cox's Bazar

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Note: All Door & Window Color will be Choklet. Use one coat primer & use two coat Enamel Paint.

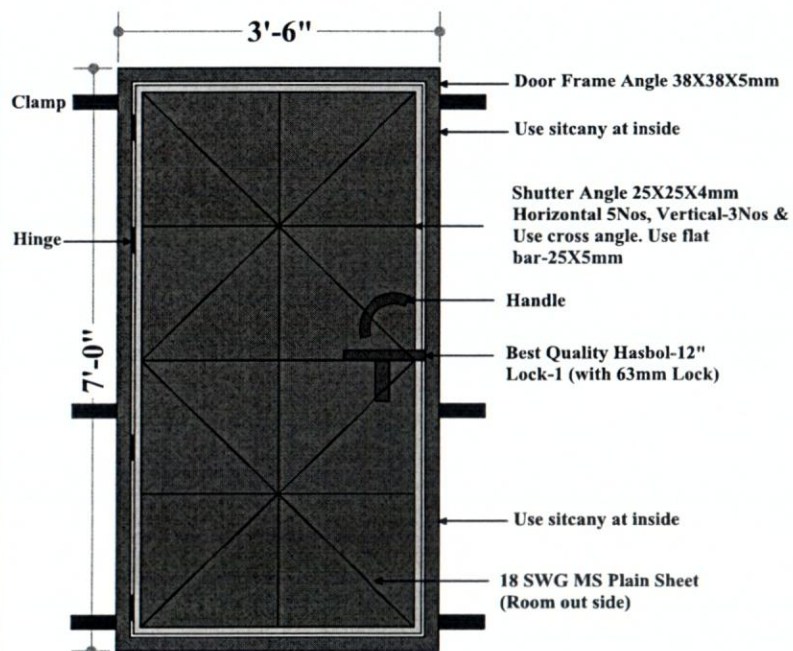


Fig: Door Shutter Section

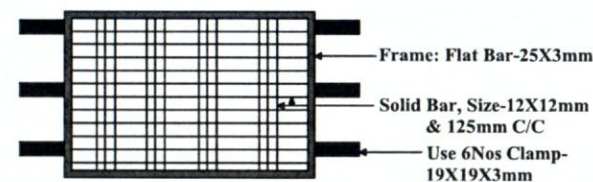


Fig: Section for Grill

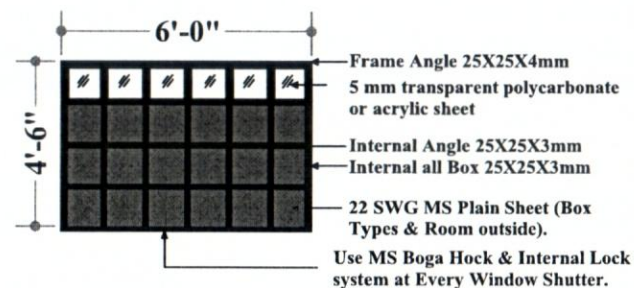


Fig: Window Shutter Section (6Nos)

**Fig: Door & Window Section
for Al-Helal Primary School.**

Abdur Rashid
Project Coordinator
JCF-UP, Ulman, Cox's Bazar

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

N.B: All Joint will be Continuous Welding.

All MS Angle will be 1 coat Red-Oxide & 2 coat Enamel Paint (Blue Color) and use RFL Plastic Tap/Sheet (Thickness: 2-3mm) on all purlin angle & under CGI sheet.

P-08

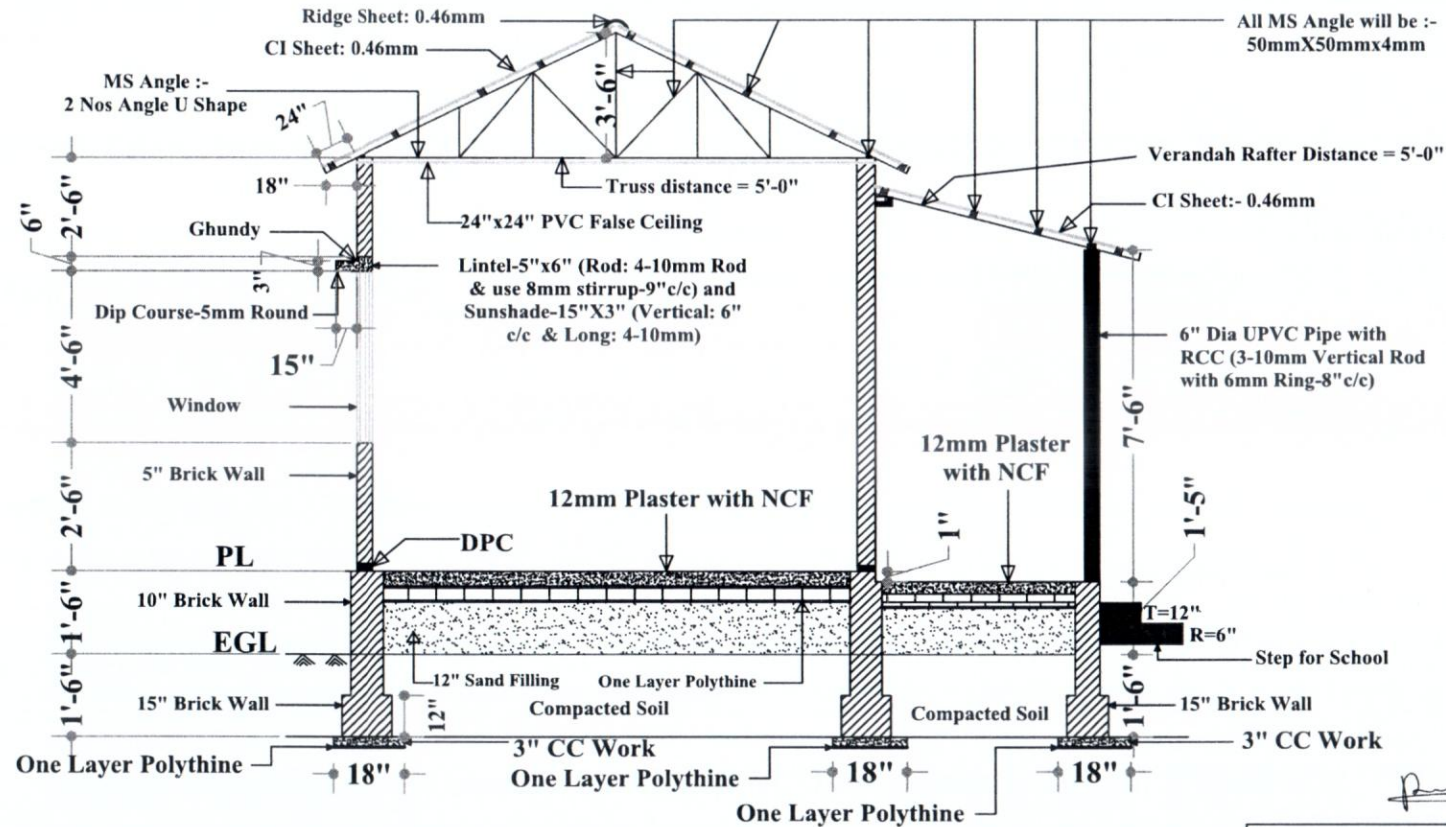


Fig: Cross Section for D-D' for Al-Helal Primary School.

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Abdur Rashid
Project Engineer
JCF-Cox's Bazar

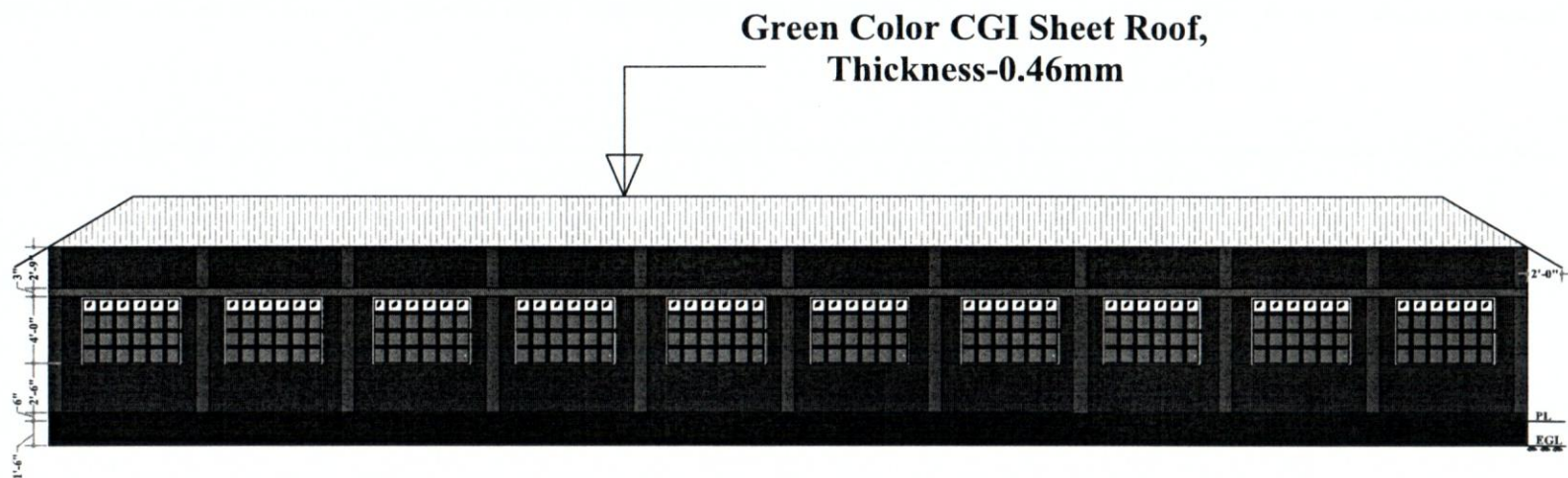


Fig: Back Elevation for Al-Helal Primary School (A-A').

Abdur Rashid
Project Coordinator
JCF-SP, Uthmaniyah Bazar

Engr. Md. Ruhul Amin
Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

N.B: Floor Level 1'-6", So, Need Ramp Length = 18'-0"

P-10

**Ramp Slope :-
1:12 (Minimum)**

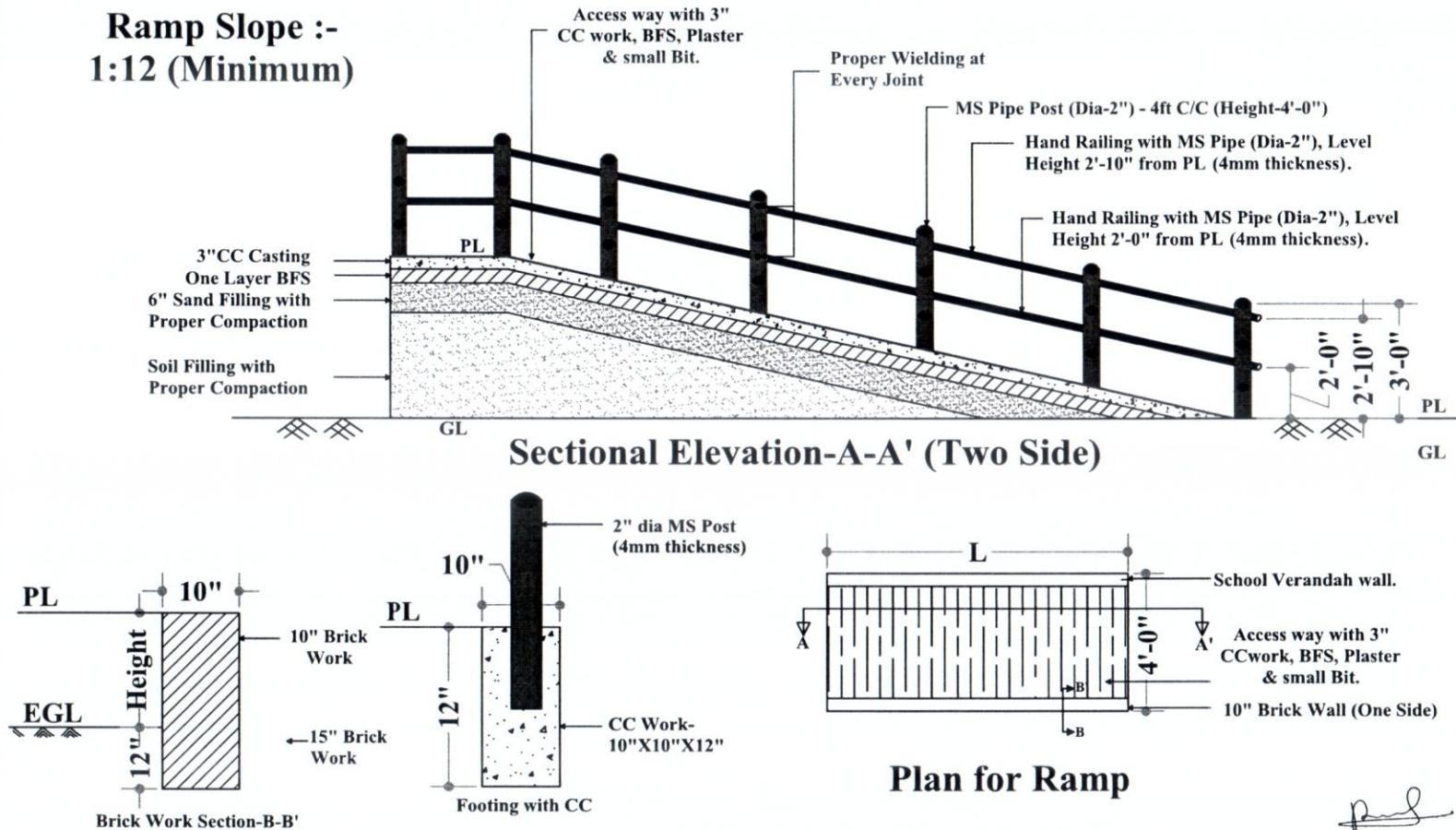


Fig: Ramp for Disability Access way.

Fig: Al-Helal Primary School.

Abdur Rashid
Project Coordinator
JCF-UPP, Dhaka, Cox's Bazar

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Type of work: 5 Class Room & 2 Wash Room Construction.

SCHOOL BUILDING DESIGN

Of Monkhali Chakma Para Government Primary School

School Address: Jaliapalong Union, Ukhiya, Cox's Bazar.

Name of project: Multi Sectoral Support to the FDMN and Host Community in Cox's Bazar.

Project Duration: January 1, 2026 to December 31, 2026.

School Measurement: 92'-11"x18'-3" with 6'-0" open veranda.

Name of Partner Organization :	Name of Organization :
Jagorani Chakra Foundation (JCF) Head Office : 46 Mujib Sarak, Jashore-7400, Bangladesh. Project Office : kutupalong Purbo Para, Ukhiya, Cox's Bazar. Mobile : PC-01817-964540, Eng-01685-551651 Email : jcfjpfib@gmail.com	Plan International Bangladesh. Country Office : House 14, Road 35, Gulshan - 2 Dhaka-1212 Bangladesh, Phone: + 880-2-9860167. Fax: N/A. E-mail: Plan.bangladesh@plan-international.org. Field Office: Ukhiya South Station, Ukhiya, Cox's Bazar.


 Abdur Rashid
 Project Coordinator
 JCF-JPR, Ukhiya, Cox's Bazar


 Design by:
 Engr. Md. Ruhul Amin
 (B.Sc. in Civil Engineer)
 Construction Engineer
 JCF-Cox's Bazar.

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Engr. Md. Ruhul Amin, B.Sc. in Civil Engineer, Mob: 01685-551651

**Fig: Index sheet for Monkhal Chakma
Para Government Primary School.**


Abdur Rashid
Project Coordinator
JCF-JRF Uthya Cox's Bazar

Design by: 
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

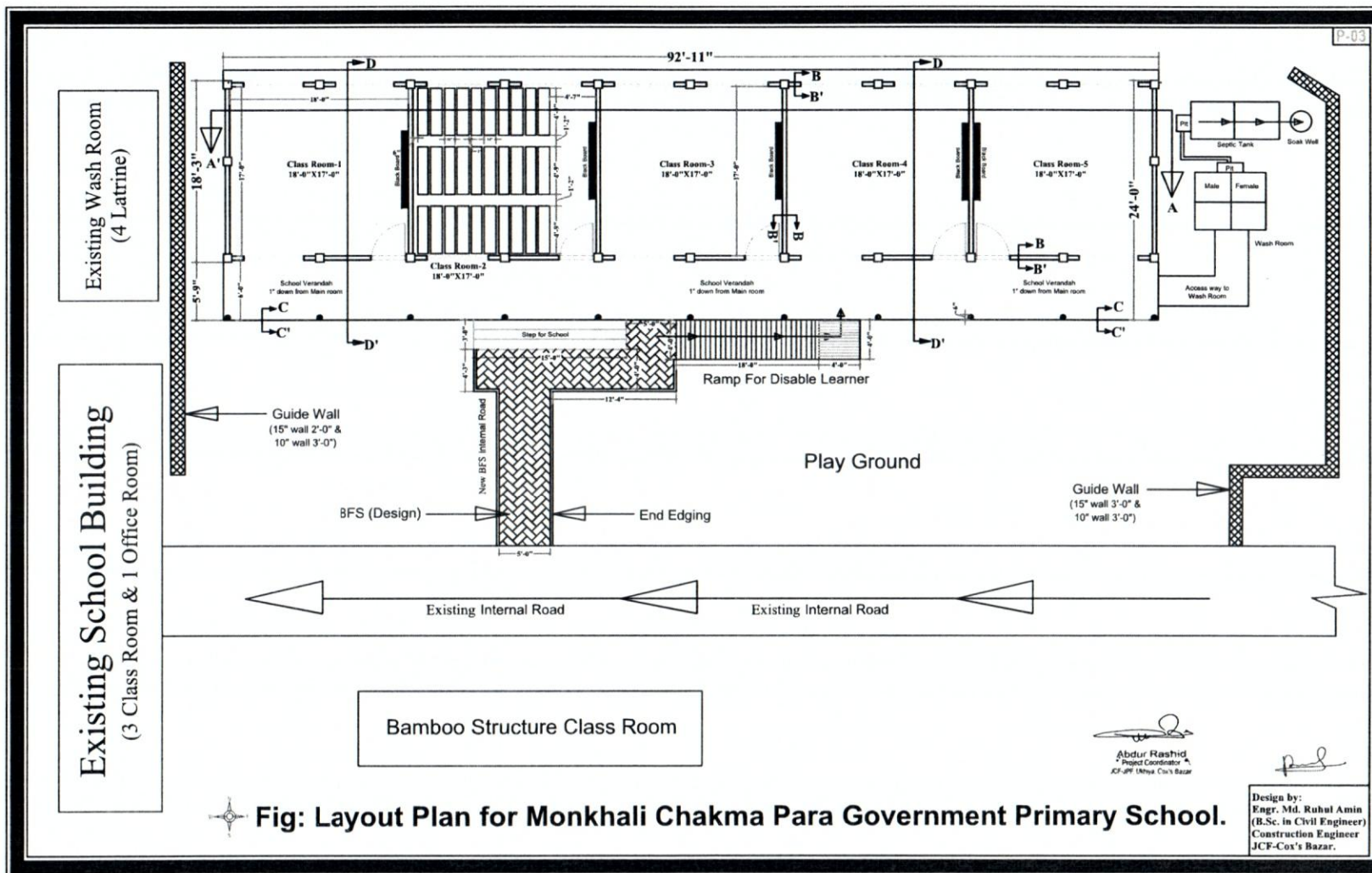
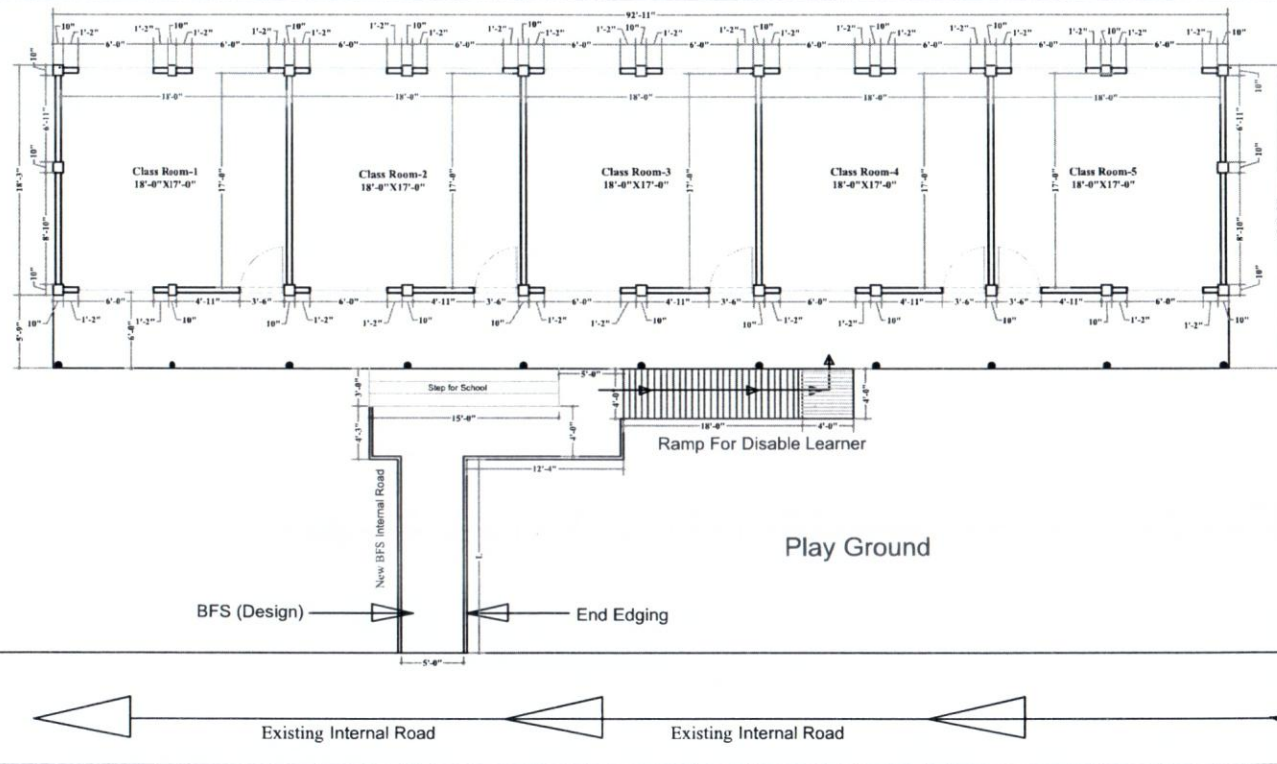


Fig: Layout Plan for Monkjali Chakma Para Government Primary School.

Existing Wash Room
(4 Latrine)

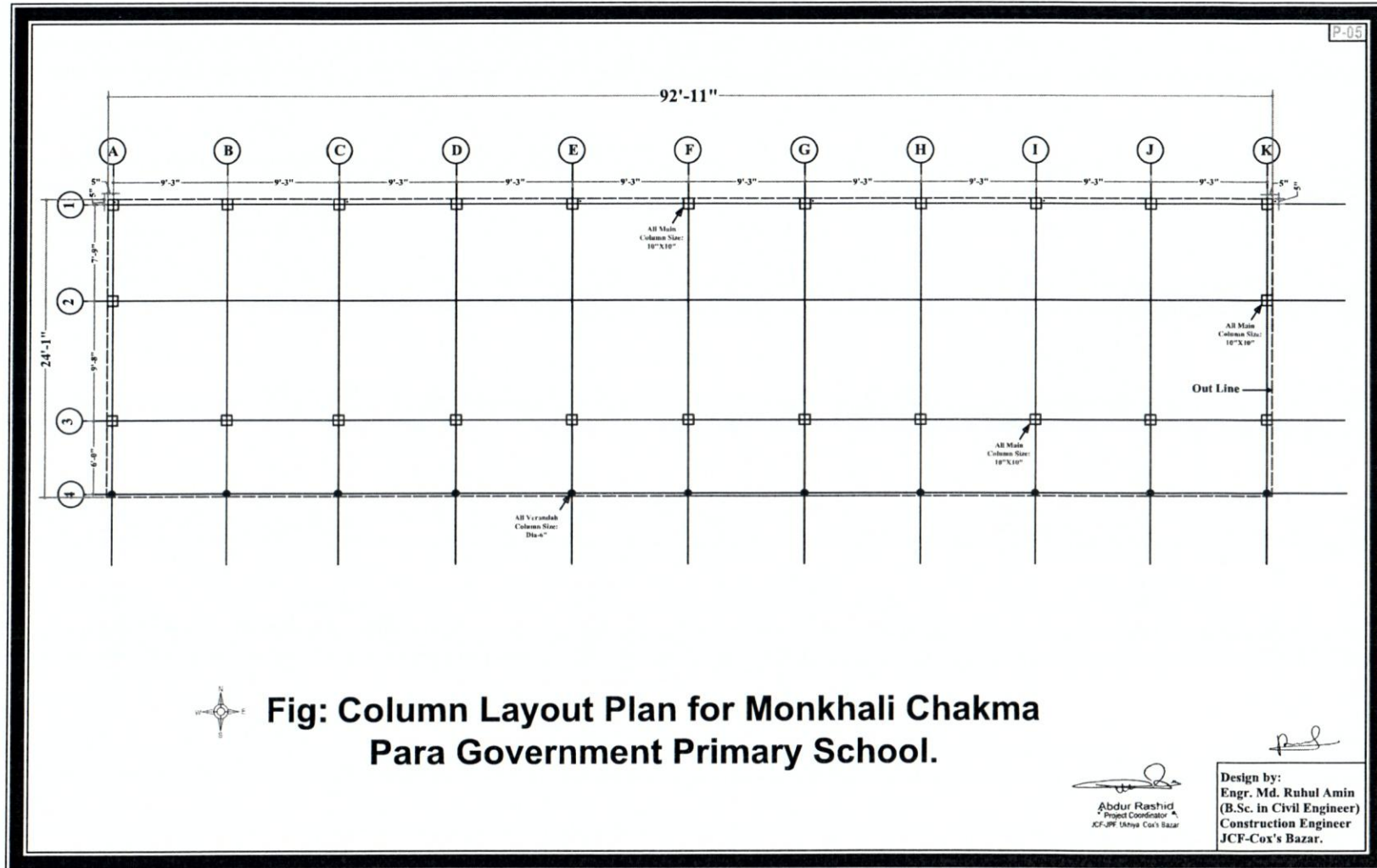
Existing School Building
(3 Class Room & 1 Office Room)



**Fig: Details Measurement for for Monkhal Chakma Para
Government Primary School.**

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

ps



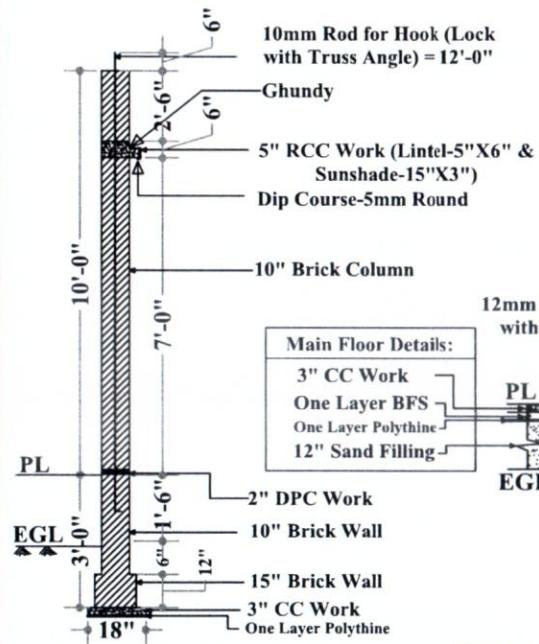


Fig: Column & Footing
Section for E-E'

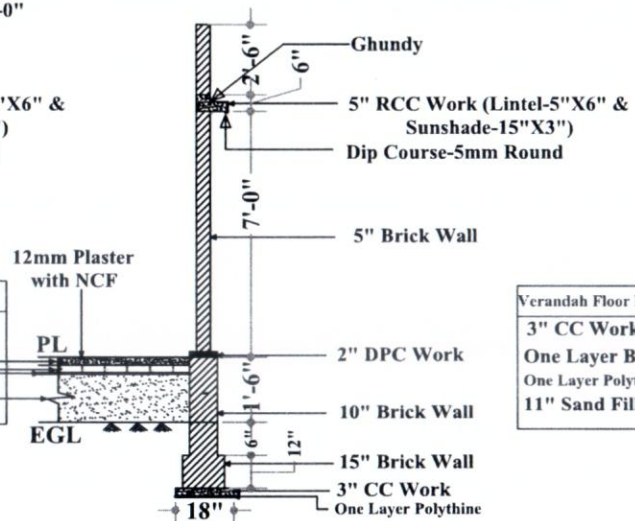


Fig: Wall Cross Section for B-B'
(Main Wall)

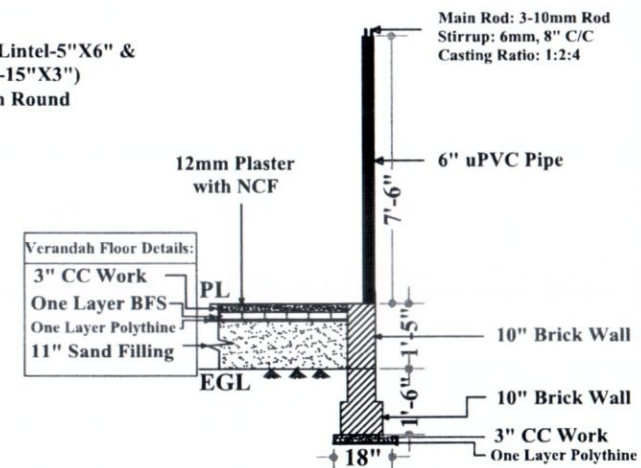


Fig: Cross Section for C-C'
(Verandah Wall)

Fig: Wall Section for Monkhal Chakma Para-GPS

Abdur Rashid
Project Coordinator
JCF-APP, Uthya, Cox's Bazar

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Note: All Door & Window Color will be Choklet. Use one coat primer & use two coat Enamel Paint.

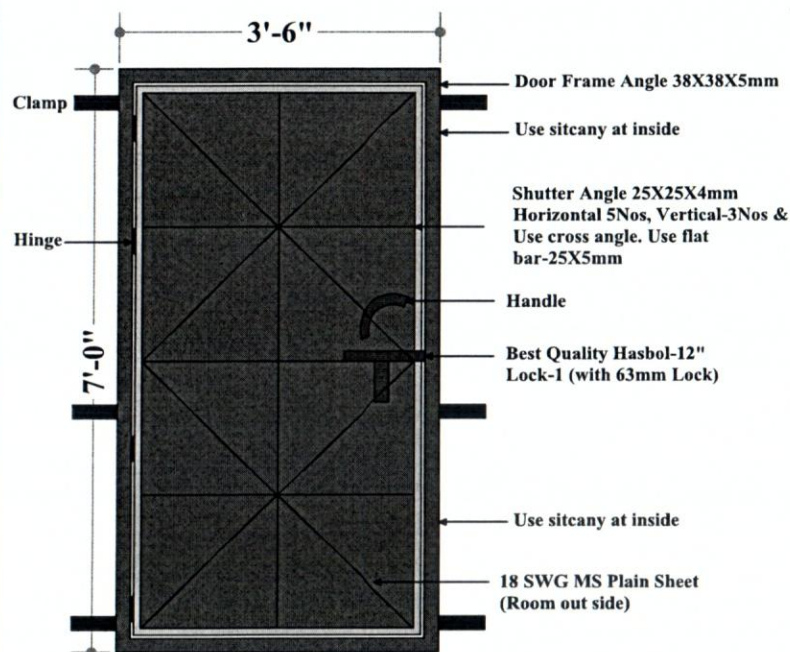


Fig: Door Shutter Section

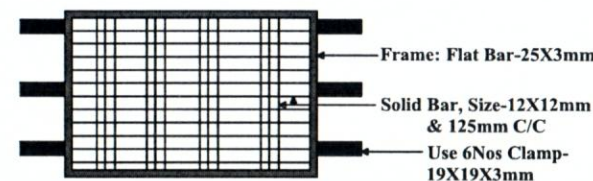


Fig: Section for Grill

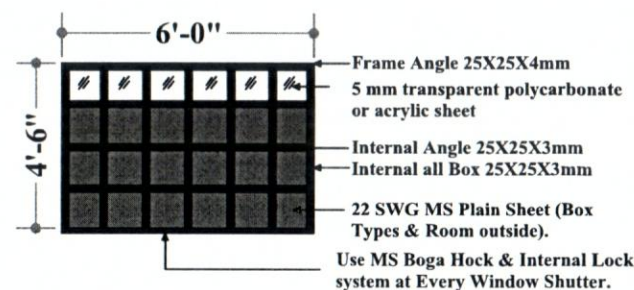


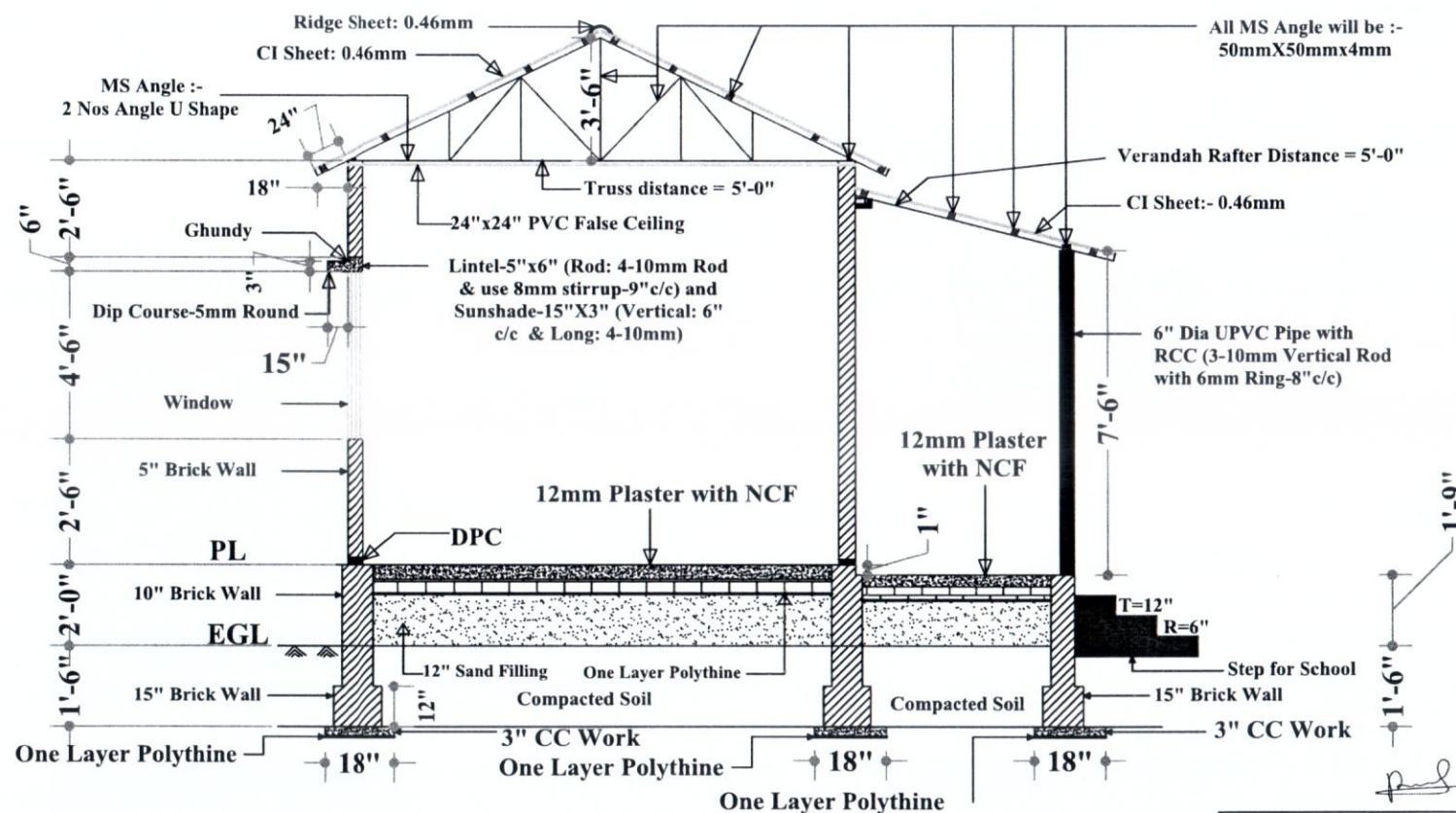
Fig: Window Shutter Section (6Nos)

Fig: Door & Window Section for Monkhal Chakma Para-GPS

Abdur Rashid
Project Coordinator
JCF-OPF Uthiya Cox's Bazar

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

- All MS Angle will be :-
50mmX50mmx4mm

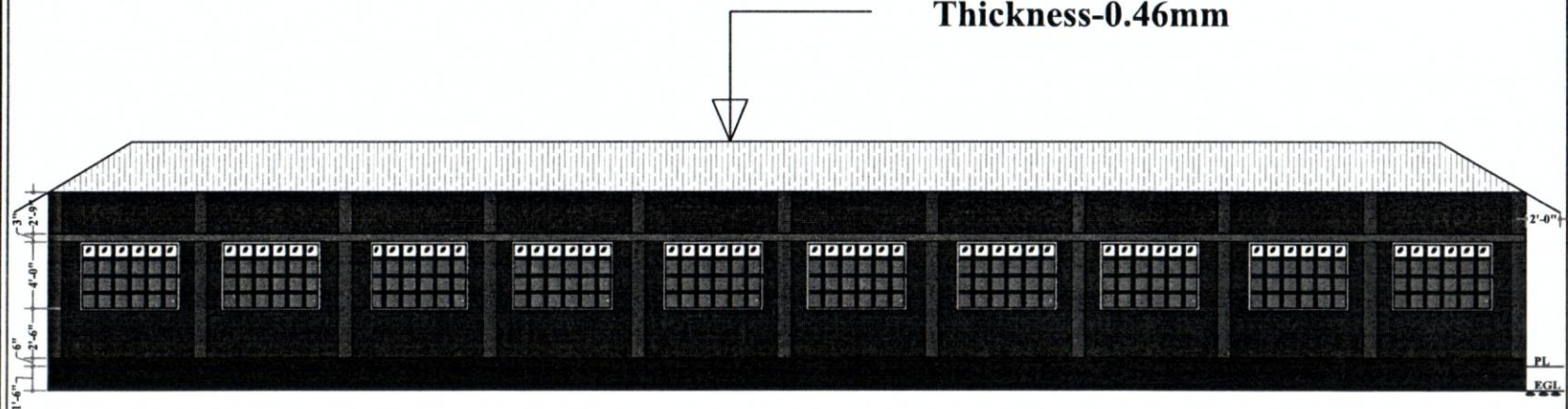


**Fig: Cross Section for D-D' for Monkhal
Chakma Para-GPS**

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

P-09

Green Color CGI Sheet Roof,
Thickness-0.46mm



**Fig: Back Elevation for Monkhal Chakma Para
Government Primary School (A-A').**

Abdur Rashid
Project Coordinator
JCF-UPP, Udaya Cox's Bazar

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

N.B: Floor Level 1'-6", So, Need Ramp Length = 18'-0"

**Ramp Slope :-
1:12 (Minimum)**

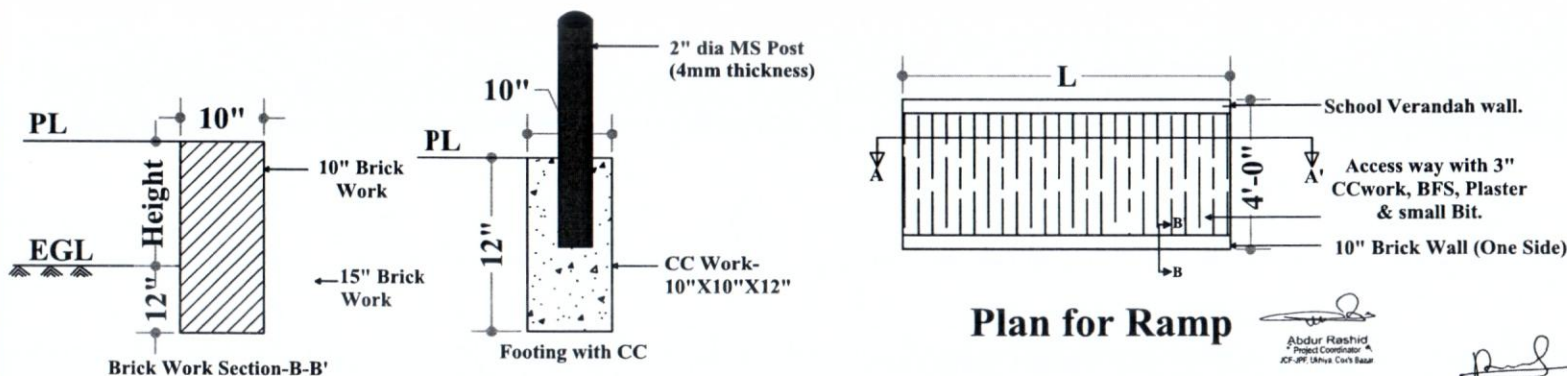
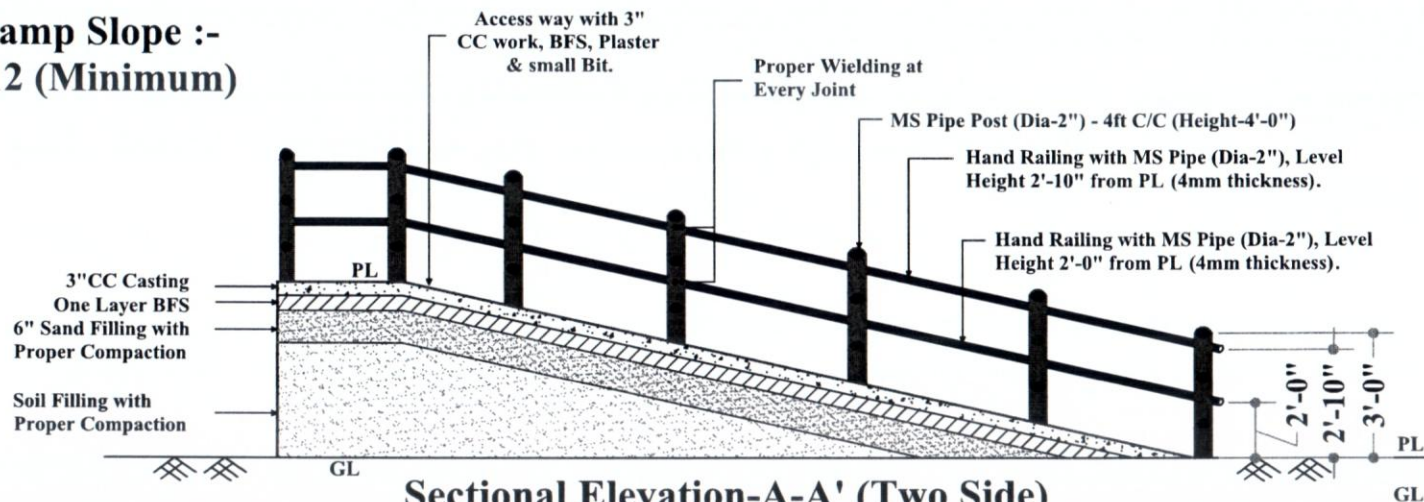


Fig: Ramp for Disability Access way.

Fig: Monkhal Chakma Para Government Primary School.

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Type of work: 5 Class Room & 2 Wash Room Construction.

SCHOOL BUILDING DESIGN

Of

Natun Para J. Chowdhury Government Primary School

School Address: Goru Bazar, Rajapalong Union, Ukhiya, Cox's Bazar.

Name of project: Multi Sectoral Support to the FDMN and Host Community in Cox's Bazar.

Project Duration: January 1, 2026 to December 31, 2026.

School Measurement: 95'-2"x18'-3" with 6'-0" open veranda.

Name of Partner Organization :	Name of Organization :
Jagorani Chakra Foundation (JCF) Head Office : 46 Mujib Sarak, Jashore-7400, Bangladesh. Project Office : kutupalong Purbo Para, Ukhiya, Cox's Bazar. Mobile : PC-01817-964540, Eng-01685-551651 Email : jcfjpfib@gmail.com	Plan International Bangladesh. Country Office : House 14, Road 35, Gulshan - 2 Dhaka-1212 Bangladesh, Phone: + 880-2-9860167. Fax: N/A. E-mail: Plan.bangladesh@plan-international.org. Field Office: Ukhiya South Station, Ukhiya, Cox's Bazar.


 Abdur Rashid
 Project Coordinator
 JCF-JPE, Ukhiya Cox's Bazar

Design by: 
 Engr. Md. Ruhul Amin
 (B.Sc. in Civil Engineer)
 Construction Engineer
 JCF-Cox's Bazar.

INDEX SHEET FOR THIS DRAWING.

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P- 01	NAME OF THE DRAWING
P- 02	INDEX FOR DRAWING
P- 03	PLAN OF THIS SCHOOL
P- 04	DETAILS PLAN OF THIS SCHOOL
P- 05	COLUMN LAYOUT PLAN

SHEET NO	INDEX
P- 06	WALL & COLUMN SECTION
P- 07	DOOR & WINDOW DETAILS
P- 08	ALL CROSS SECTION
P- 09	BACK ELEVATION
P- 10	RAMP FOR DISABILITY

Engr. Md. Ruhul Amin, B.Sc. in Civil Engineer, Mob: 01685-551651

**Fig: Index sheet for Natun Para J.
Chowdhury Government Primary School.**


 Abdur Rashid
 Project Coordinator
 JCF-JFF Chowdhury Govt's Bazar

Design by: 
 Engr. Md. Ruhul Amin
 (B.Sc. in Civil Engineer)
 Construction Engineer
 JCF-Cox's Bazar.

**Fig: Layout Plan for Natun Para
J. Chowdhury Government
Primary School.**

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

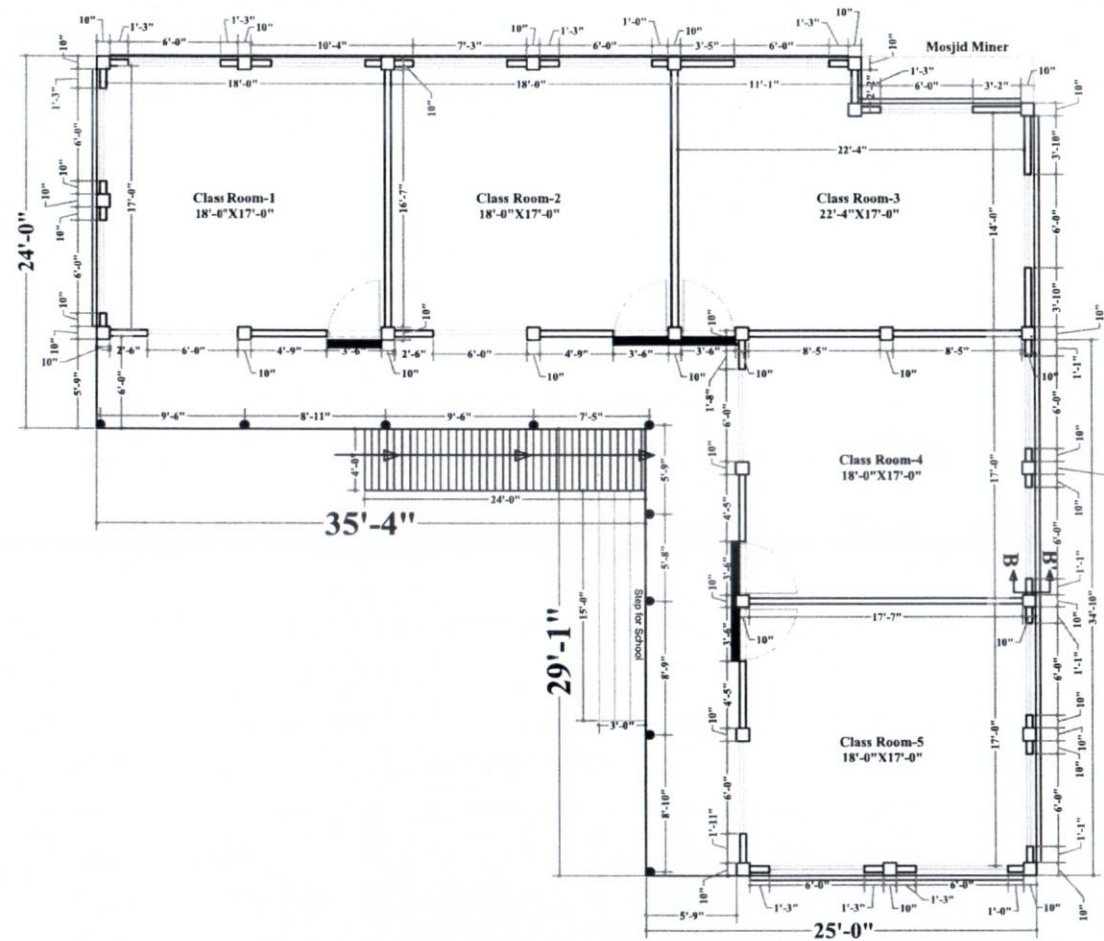


Fig: Details Measurement for Natun Para J. Chowdhury Government Primary School.

Abdur Rashid
Project Coordinator
JCF-JRF, Uthya, Cox's Bazar

Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Fig: Column Layout Plan for Natun Para J. Chowdhury Government Primary School.


Abdur Rashid
Project Coordinator
JCF-JPF Uthiya Cox's Bazar

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

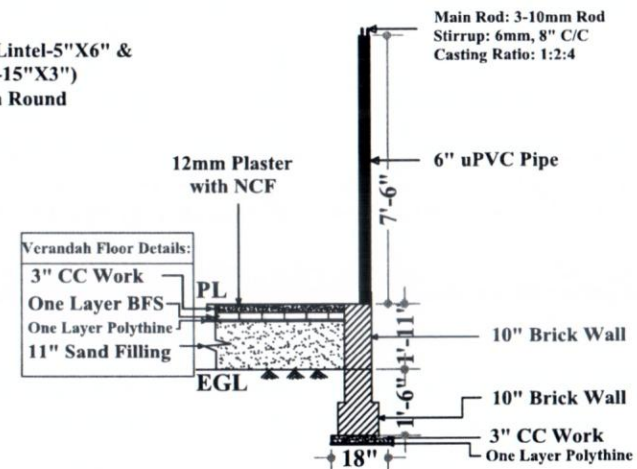
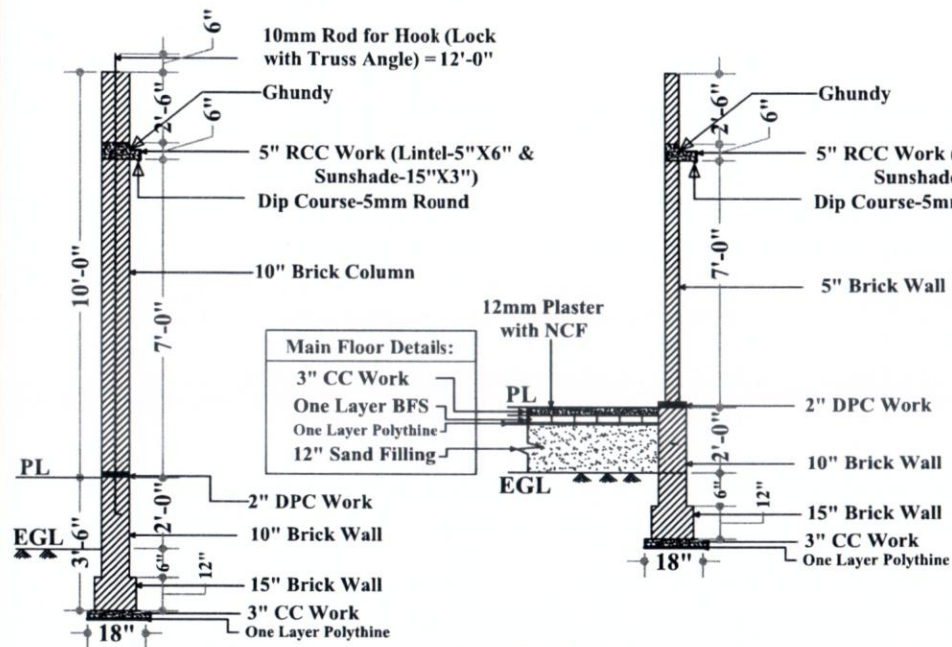


Fig: Wall Section for Natun Para J. Chowdhury Government Primary School

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Abdur Rashid
Project Coordinator
JCF-Cox's Bazar

Note: All Door & Window Color will be Choklet. Use one coat primer & use two coat Enamel Paint.

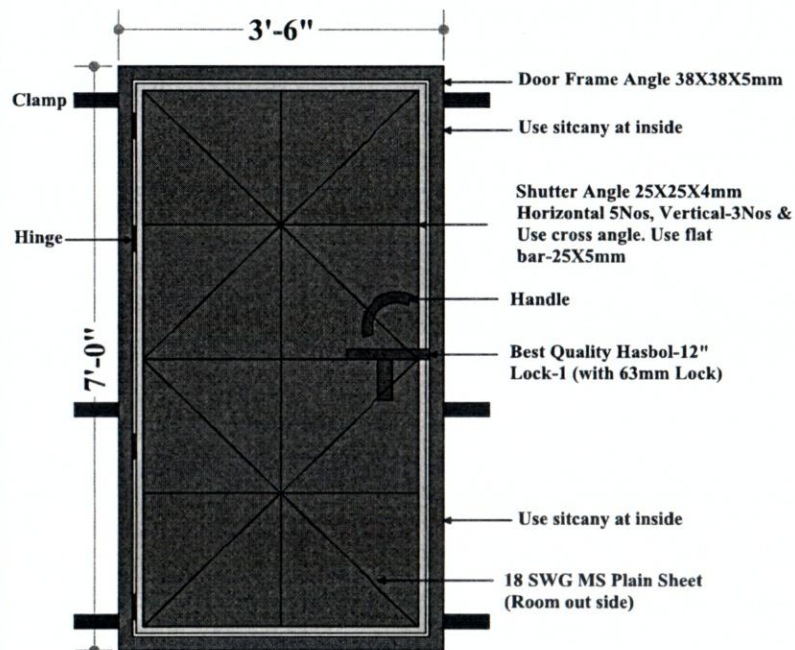


Fig: Door Shutter Section

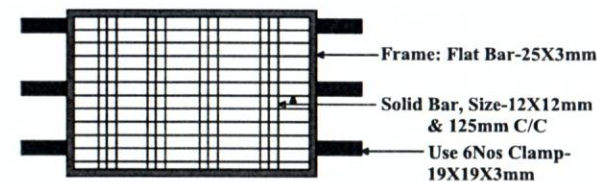


Fig: Section for Grill

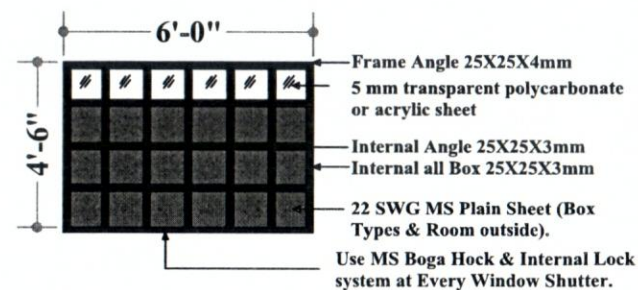


Fig: Window Shutter Section (6Nos)

Abdur Rashid
Project Coordinator
JCF-JPF Unhye Cox's Bazar

Engr. Md. Ruhul Amin

**Fig: Door & Window Section for Natun Para
J. Chowdhury Government Primary School.**

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

N.B: All Joint will be Continuous Welding.

All MS Angle will be 1 coat Red-Oxide & 2 coat Enamel Paint (Blue Color) and use RFL Plastic Tap/Sheet (Thickness: 2-3mm) on all purlin angle & under CGI sheet.

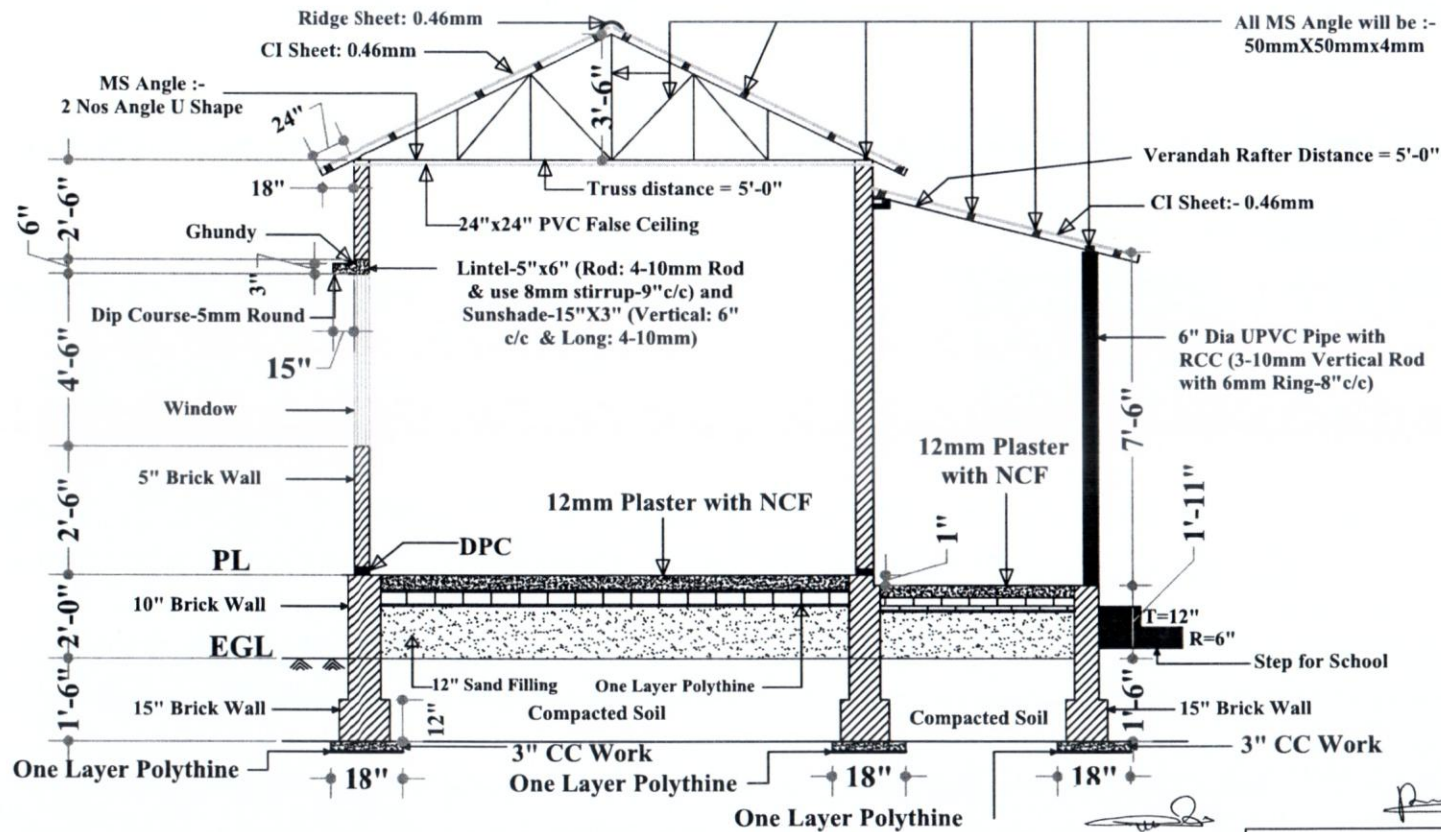
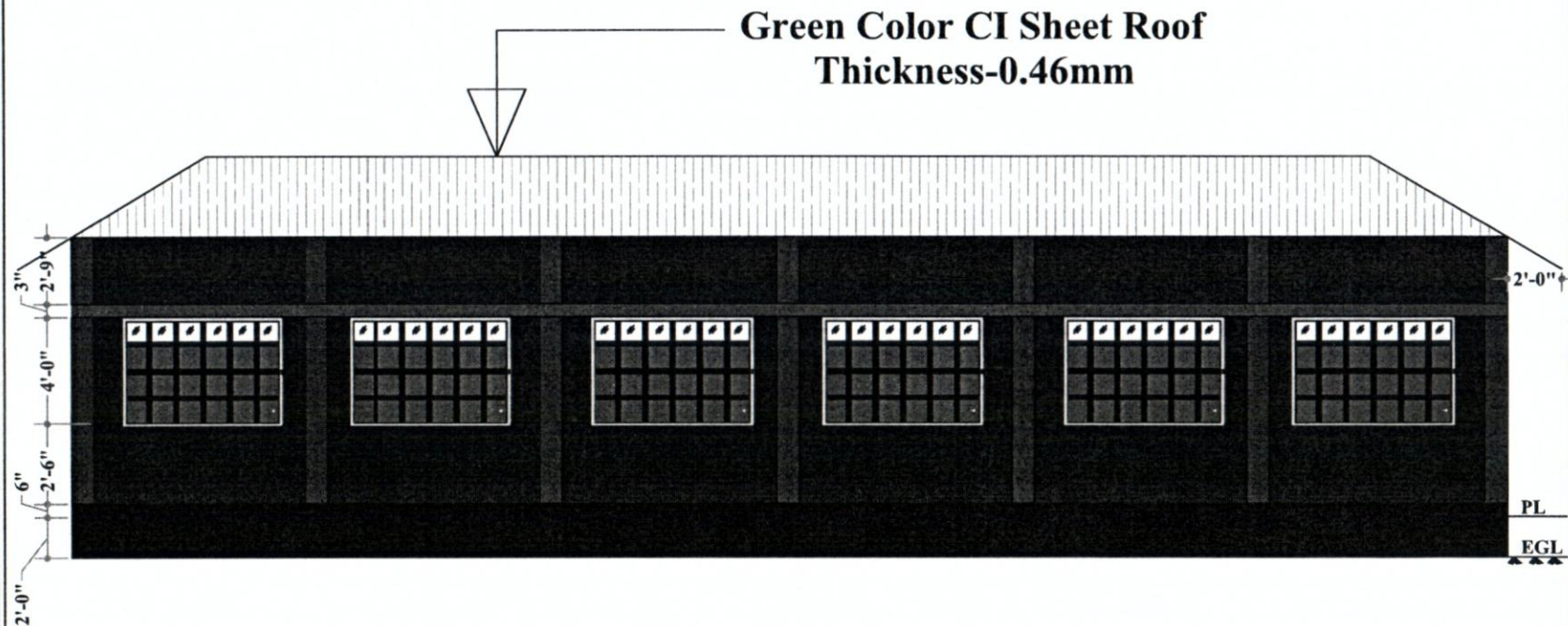


Fig: Cross Section for D-D' for Natun Para J. Chowdhury Government Primary School.

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Abdur Rashid
Project Coordinator
JCF-Cox's Bazar

P-09



**Fig: Back Elevation for Natun Para J.
Chowdhury Government Primary School (A-A').**


Abdur Rashid
Project Coordinator
JCF-SP, Uttara, Cox's Bazar


Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

N.B: Floor Level 2'-0", So, Need Ramp Length = 24'-0"

**Ramp Slope :-
1:12 (Minimum)**

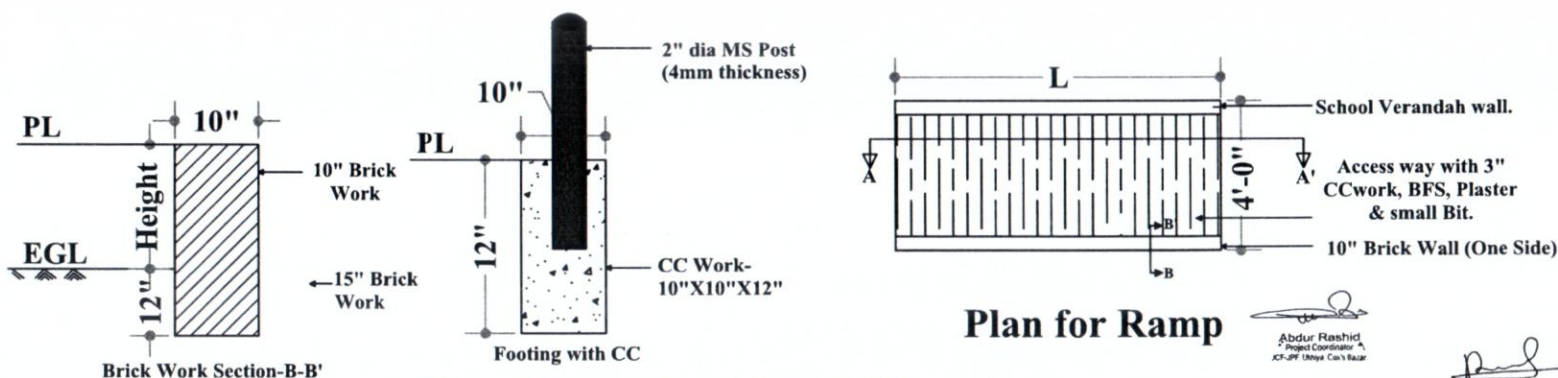
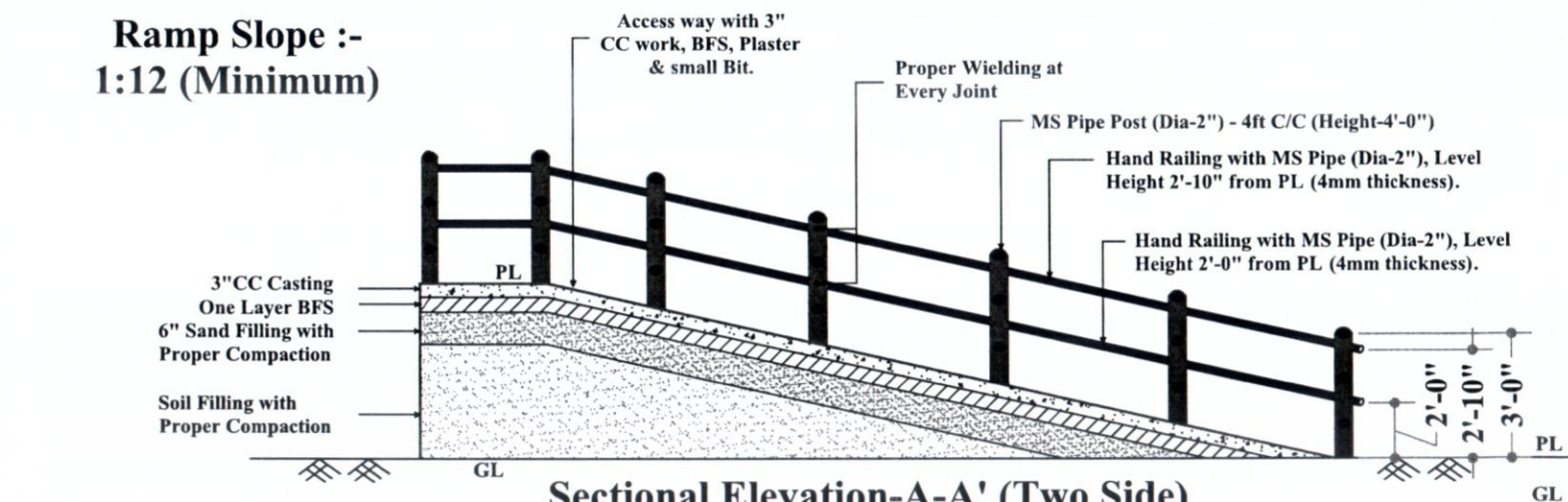


Fig: Ramp for Disability Access way.

**Fig: Natun Para J. Chowdhury Government
Primary School..**

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Type of work: 1 Class Room at 1st Floor Construction.

SCHOOL BUILDING DESIGN

Of Pata Bari Government Primary School

School Address: Rajapalong Union, Ukhiya, Cox's Bazar.

Name of project: Multi Sectoral Support to the FDMN and Host Community in Cox's Bazar.

Project Duration: January 1, 2026 to December 31, 2026.

School Room Measurement: 19'-11" X 18'-4" with 7'-5" open veranda (512.85 sft).

Name of Partner Organization :	Name of Organization :
Jagorani Chakra Foundation (JCF) Head Office : 46 Mujib Sarak, Jashore-7400, Bangladesh. Project Office : kutupalong Purbo Para, Ukhiya, Cox's Bazar. Mobile : PC-01817-964540, Eng-01685-551651 Email : jcfjfpib@gmail.com	Plan International Bangladesh. Country Office : House 14, Road 35, Gulshan - 2 Dhaka-1212 Bangladesh, Phone: + 880-2-9860167. Fax: N/A. E-mail: Plan.bangladesh@plan-international.org. Field Office: Ukhiya South Station, Ukhiya, Cox's Bazar.


 Abdur Rashid
 Project Coordinator
 JCF-UPP, Ukhiya, Cox's Bazar

Design by: 
 Engr. Md. Ruhul Amin
 (B.Sc. in Civil Engineer)
 Construction Engineer
 JCF-Cox's Bazar.

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P- 04	GENERAL STRUCTURAL NOTE

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P- 05	COLUMN DETAILS
P- 06	BEAM DETAILS
P- 07	BEAM SECTION
P- 08	ROOF DETAILS

Engr. Md. Ruhul Amin, B.Sc. in Civil Engineer, Mob: 01685-551651

**Fig: Index sheet for Pata Bari
Government Primary School.**


 Abdur Rashid
 Project Coordinator
 JCF-JPF, Uthya, Cox's Bazar


Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Fig: Layout Plan for Pata Bari Government Primary School.

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

GENERAL STRUCTURAL NOTE

1. General

I) DESIGN METHOD USED WSD / USD ACCORDING TO BANGLADESH NATIONAL BUILDING CODE (BNBC) 1993 AND ACI 1995.

2. Concrete : CONCRETE STRENGTH ENSURE BY CYLINDER TEST (Dia-4" & Height-8")

I) FOR COLUMN & STAIR f_c = MINIMUM 3000 psi (1:1.5:3)

II) For FOOTING, BEAM and SLAB f_c = MINIMUM 2500-2600 psi (1:2:4)

N.B: Use brick chips (3/4" Well graded) & Local Sand (FM-1.10-1.25)

3. Curing of R.C.C Work :

I) CURING TIME : 28 Days for RCC Casting and CC, Brick, Plaster Surface 15Days

II) METHOD OF CURING :

1. HORIZONTAL SURFACE - BY PONDING OF WATER

2. VERTICAL SURFACES BY JUTE FABRIC AND SPRINKLING WATER BY HOSE PIPE .

4. Cement

USED PORTLAND COMPOSITE CEMENT-PCC (Crown/Shah/Diamond/Fresh/Equivalent)

5. Water

POTABLE / DRINKABLE WATER TO BE USED IN CONCRETE MIX

6. Spacer Bars

SECOND LAYER BARS IN BEAMS USE 25Ø SPACER BARS @ 36" C/C WHERE REQUIRED.

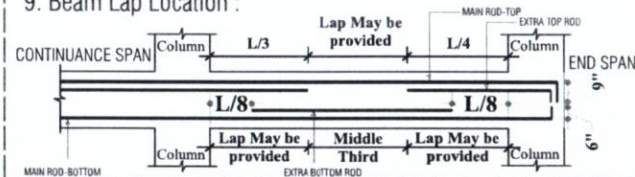
7. Steel Reinforcement

a) ROD: AKS/GPH/BSRM/EQUIVALENT, f_y = 60,000-72,500 psi (60G/400W-72G/500W)

8. Hooks of Rebar

a) FOR ALL RE-BAR : PROVIDE 135° STANDARD HOOKS OR U-BEND IF NOT SHOWN IN THE DRAWINGS.

9. Beam Lap Location :



10. Reinforcement Lap Length

BAR Dia (mm)	TENSION (44D)	COMPRESSION (24D)
8	14"	8"
10	18"	10"
12	21"	12"
16	28"	15"
20	35"	18"

11. Shutter Open Time

NAME OF WORK	DAYS
FOOTING SIDE	1-2
COLUMN	2-3
BEAM SIDE	2-3
BEAM BOTTOM	21-28
ROOF SLAB	21-28
FALSE SLAB	15-18
SUNSHADE	7
LINTEL	7

12. Slump Value

NAME OF WORK	INCH
FOOTING	1.5"
COLUMN	2"
BEAM	2"
ROOF SLAB	2"
CC WORK/ROAD	1.5"

13. Lintel & Sunshade Reinforcement Details.

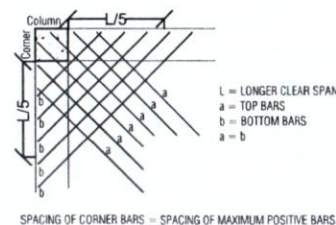
Lintel Length	Lintel Size	Wall Width	Lintel Rod	Sunshade Width	Sunshade Rod
L = Up to 5'-0"	5"X6"	5"	4-12mm ST 8mm 6"C/C	W = Up to 2'-0"	10mm 6"C/C Main 10mm 6"C/C Stair
L = 5'-1" to 10'-0"	5"X9"	5"	4-16mm ST 8mm 6"C/C	W = 2'-1" to 4'-0"	10mm 6"C/C Main 10mm 6"C/C Stair

14. Clear Cover :

- a) Top of floor slab : 3/4"
- b) Bottom of floor slab and stair : 3/4"
- c) For all sides of grade beam : 2.5"
- d) All sides of floor beam : 1.5"
- e) All sides of column :
Below GL = 2.5"
Above GL = 1.5"
- f) All sides of Foundation : 3"

15. Corner Reinforcement :

CORNER REINFORCEMENT FOR BEAM SUPPORTED 2-WAY SLABS ONLY.



16. Slab Extra Top: Continues Span-L/3

& End Span-L/4

Slab Crank Top: Continues Span-L/4

& End Span-L/5

17. Admixture (Construction Chemical)

- i) Use Foam Lube/Pudlo/Dr. Fixed/Berger/any for provably damaged area (Building out side wall, Latrine out side wall, Roof top, sunshade, drop wall, Water Tank, Basement wall, etc (1Bag Cement = 250 ml/gm)
- ii) Use Corn Lube (1 Bag Cement = 250 ml/gm) for emergency shutter opening purpose (10 to 15 days only).

Engr. Md. Ruhul Amin, B.Sc. in Civil Engineer, Mob: 01685-551651

Fig: Note for Pata Bari Government Primary School.

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

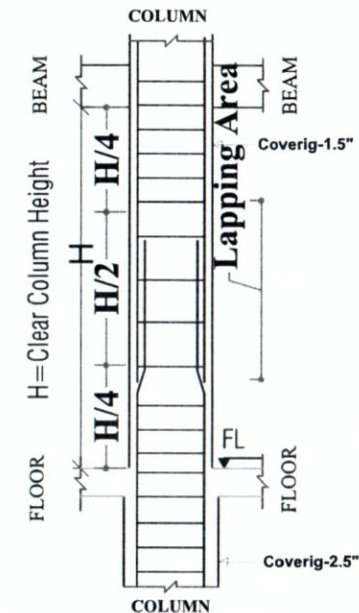
COLUMN NAME. →		C1	C2	C3
FLOOR ↓	COLUMN NOS. →	2	2	2
1ST-TOP FLOOR (Coverig-1.5")	SIZE	10"X10"	10"X12"	10"X15"
	MAIN BAR	4-16mmØ	6-16mmØ	8-16mmØ
	SECTION	 Stirrup 8mm@ 5"-7"-5" C/C	 Stirrup 8mm@ 5"-7"-5" C/C	 Stirrup 8mm@ 5"-7"-5" C/C

$f_y=60000$ psi	Ratio-1:1.5:3	Covering = 1.5"
-----------------	---------------	-----------------

COLUMN SCHEDULE

Engr. Md. Ruhul Amin, B.Sc. in Civil Engineer, Mob: 01685-551651

Note: This drawings are not in scale.



Long Section of Column

Note:

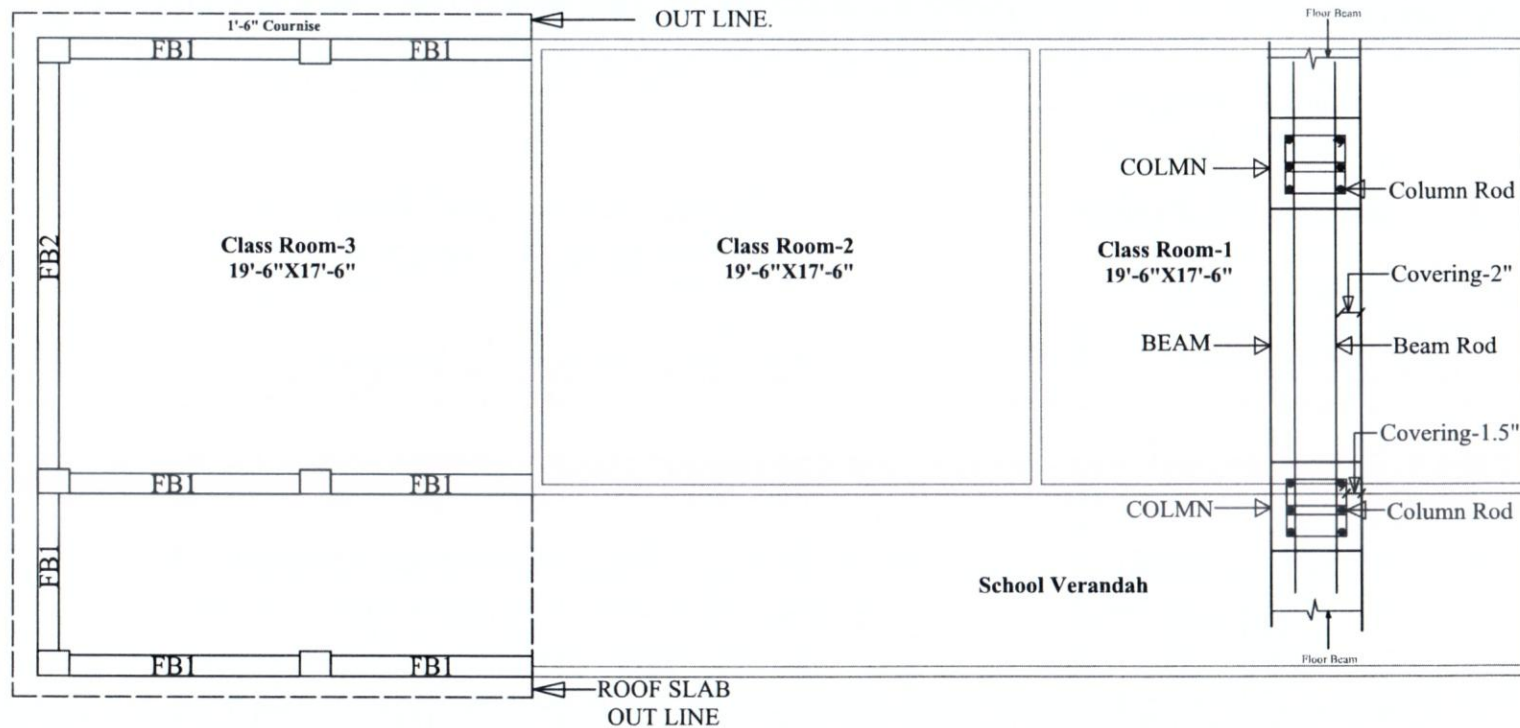
Floor Top to Roof
Top Height = 10'-0"

Fig: Pata Bari Government Primary School.


Abdur Rashid
Project Coordinator
JCF-JPP, Uthya Cox's Bazar

Design by: 
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Total Construction Area = 512.85 SFT



$f_y = 60000$ psi

Ratio-1:1.5:3

Covering = 2"

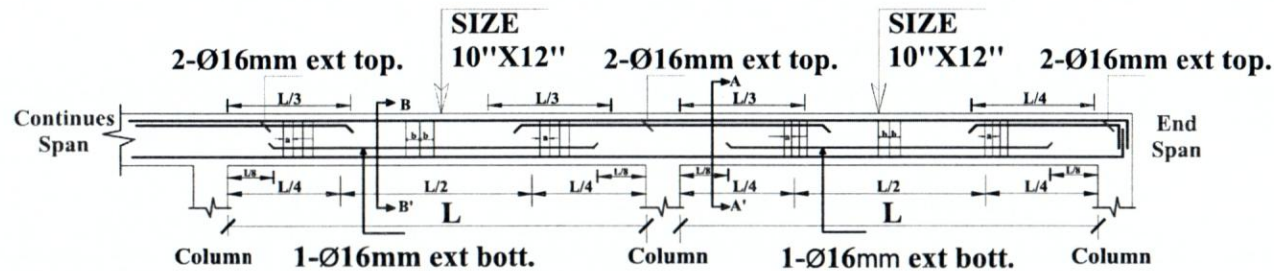
FLOOR BEAM LAYOUT PLAN

Engr. Md. Ruhul Amin, B.Sc. in Civil Engineer, Mob: 01685-551651

Abdur Rashid
Project Coordinator
JCF-JPF Unites Cox's Bazar

Design by: 
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

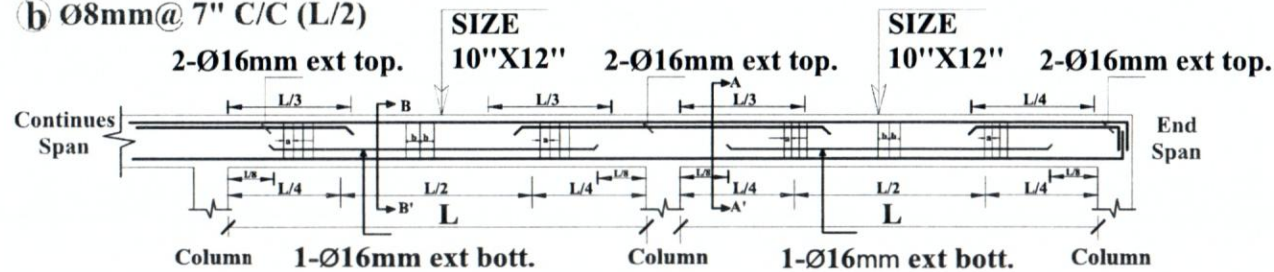
Fig: Pata Bari Government Primary School.



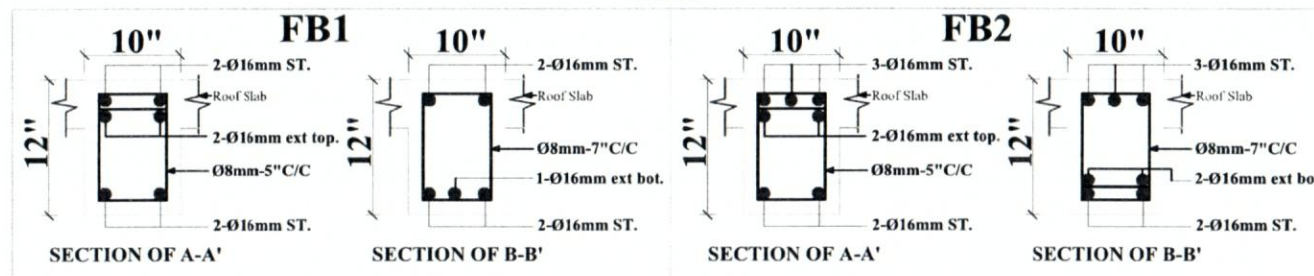
a Ø8mm@ 5" C/C (L/4)

b Ø8mm@ 7" C/C (L/2)

FB1



FB2



$f_y = 60000$ psi

Ratio-1:1.5:3

Covering = 2"

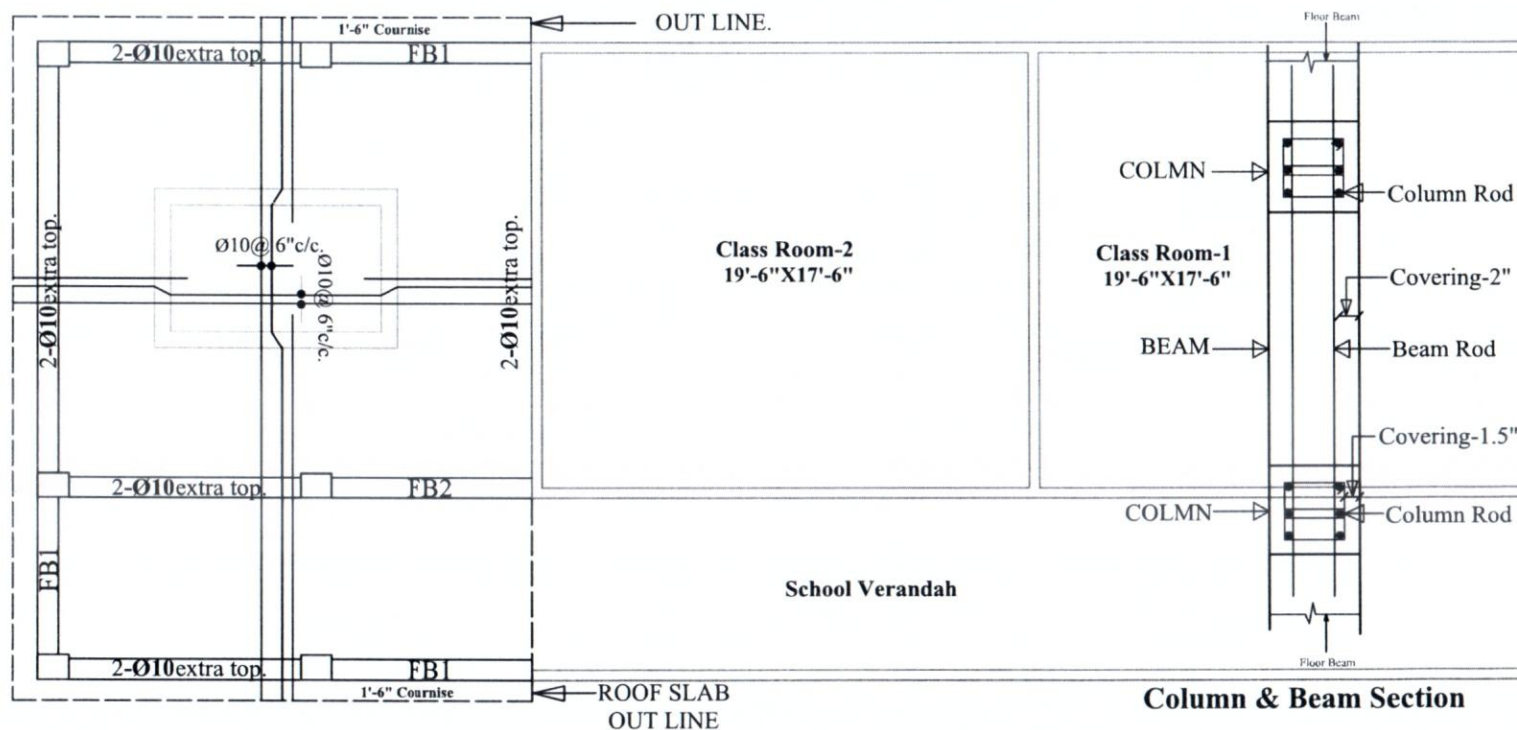
FLOOR BEAM REINFORCEMENT DETAIL

Engr. Md. Ruhul Amin, B.Sc. in Civil Engineer, Mob: 01685-551651

Fig: Pata Bari Government Primary School

Abdur Rashid
Project Coordinator
JCF-JPT Uthya Cox's Bazar

Design by: 
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.



fy=60000 psi	Ratio-1:1.5:3	Slab Thickness -5"	Covering = 3/4"
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DETAIL REINFORCEMENT DRAWING OF ROOF SLAB

Engr. Md. Ruhul Amin, B.Sc. in Civil Engineer, Mob: 01685-551651

Fig: Pata Bari Government Primary School.

Design by: Engr. Md. Ruhul Amin
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Type of work: 2 Wash Room with Septic Tank & Soak Well.

WASH FACILITY DESIGN

Wash Facility Measurement: 14'-8" X 15'-9"

Name of Partner Organization :	Name of Organization :
Jagorani Chakra Foundation (JCF) Head Office : 46 Mujib Sarak, Jashore-7400, Bangladesh. Project Office : kutupalong Purbo Para, Ukhiya, Cox's Bazar. Mobile : PC-01817-964540, Eng-01685-551651 Email : jcfjfpib@gmail.com	Plan International Bangladesh. Country Office : House 14, Road 35, Gulshan - 2 Dhaka-1212 Bangladesh, Phone: + 880-2-9860167. Fax: N/A. E-mail: Plan.bangladesh@plan-international.org. Field Office: Ukhiya South Station, Ukhiya, Cox's Bazar.



Abdul Rashid
Project Coordinator
JCF-JPP Ukhiya Cox's Bazar

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

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P- 06	DOOR & WINDOW SECTION
P- 07	SEPTIC TANK & SOAK WELL

Engr. Md. Ruhul Amin, B.Sc. in Civil Engineer, Mob: 01685-551651

Fig: Index sheet for Wash Facility.


 Abdur Rashid
 Project Coordinator, A.
 JCF-Cox's Bazar.

Design by: 
 Engr. Md. Ruhul Amin
 (B.Sc. in Civil Engineer)
 Construction Engineer
 JCF-Cox's Bazar.

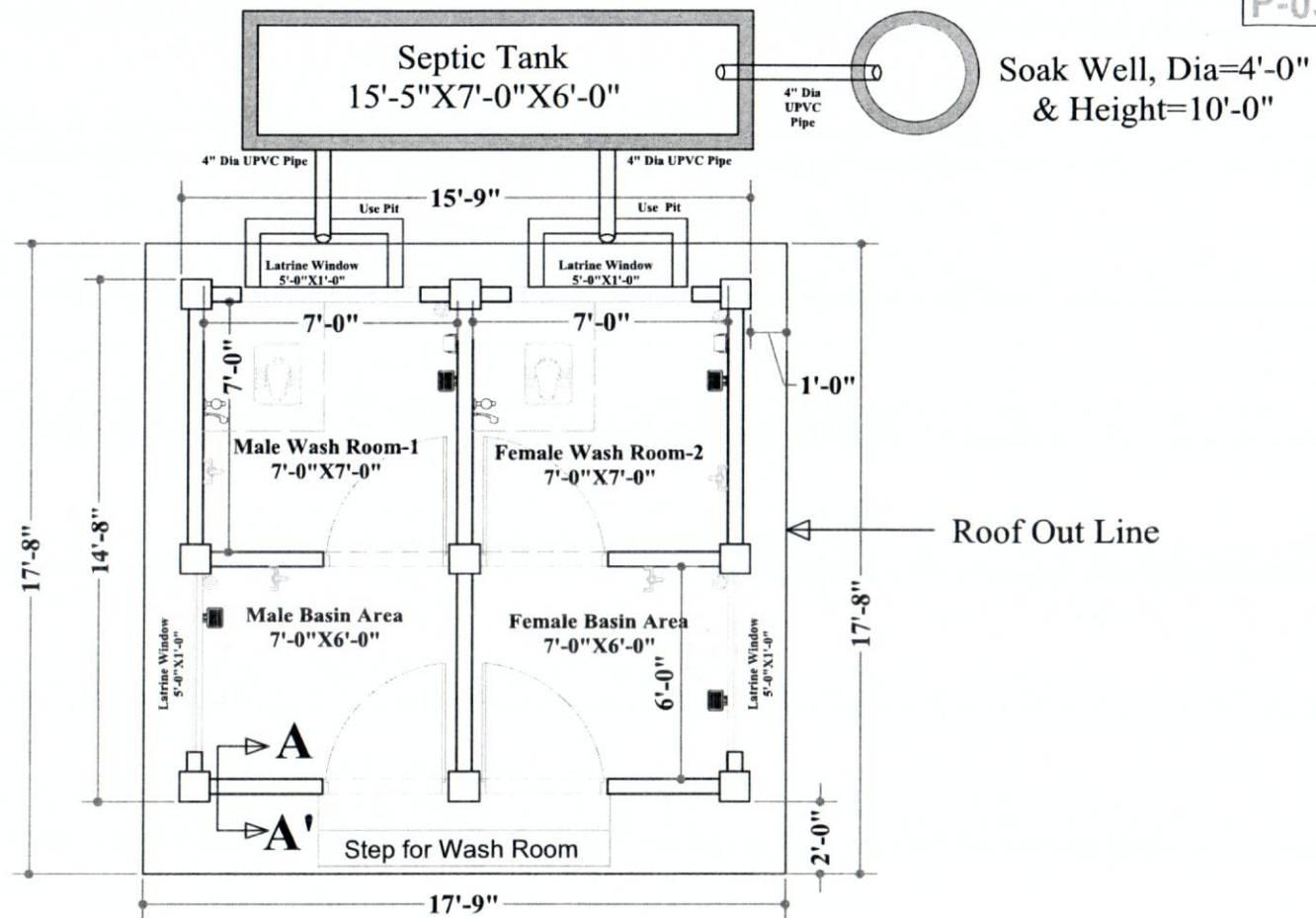


Fig: Layout Plan for Wash Facility.

Design by: 
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.


Abdur Rashid
Project Coordinator
ICF-JPE Ukiya Co's B

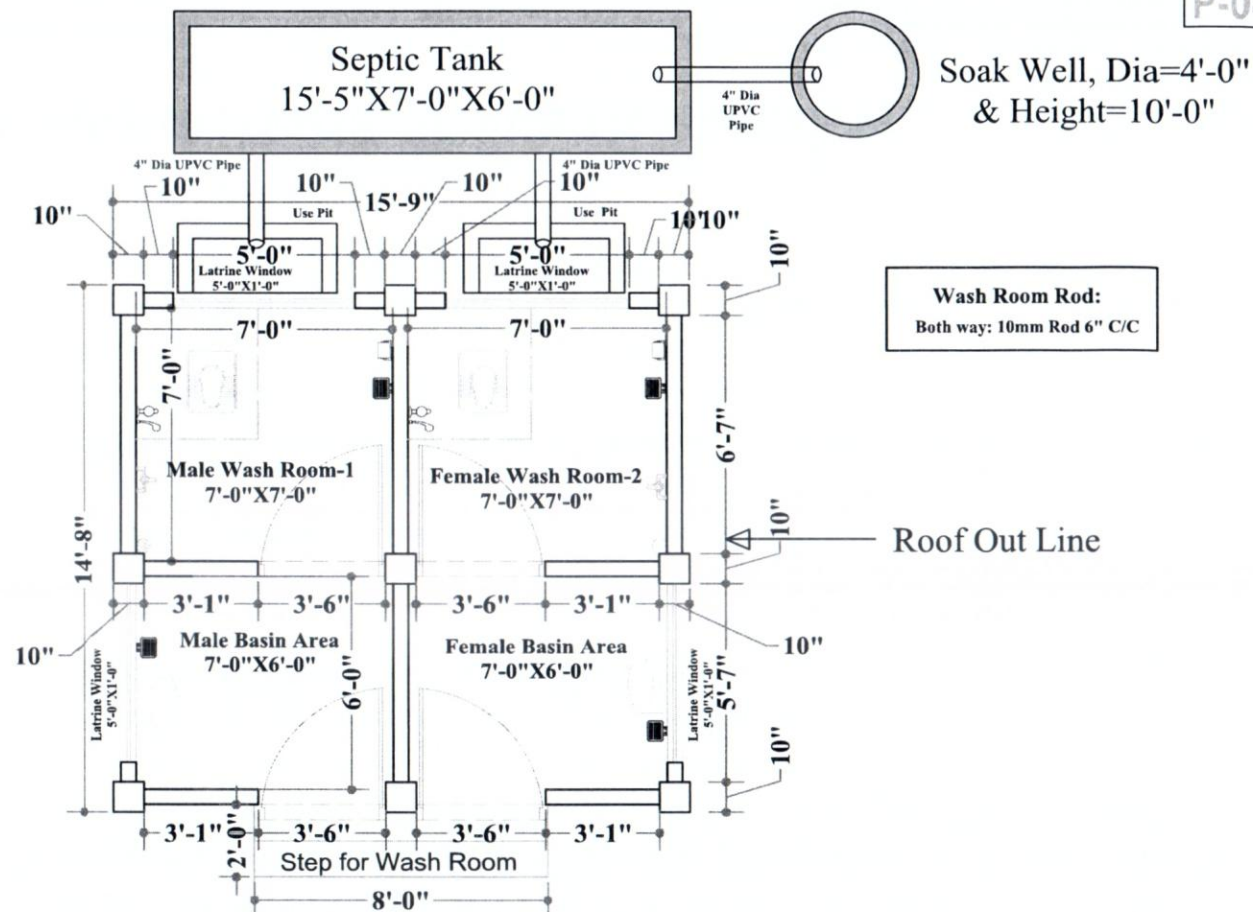


Fig: Details Measurement for Wash Facility.

Abdur Rashid
Project Coordinator
JCF-UPV, Uttarakhand Govt. Bazar

Design by:
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

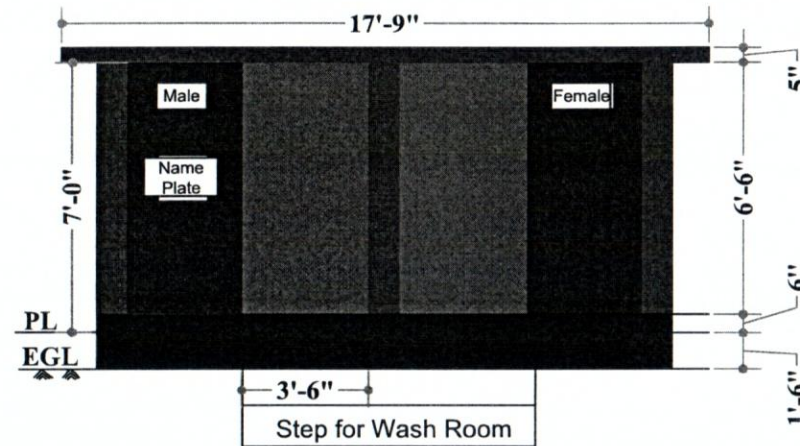


Fig: Front Elevation

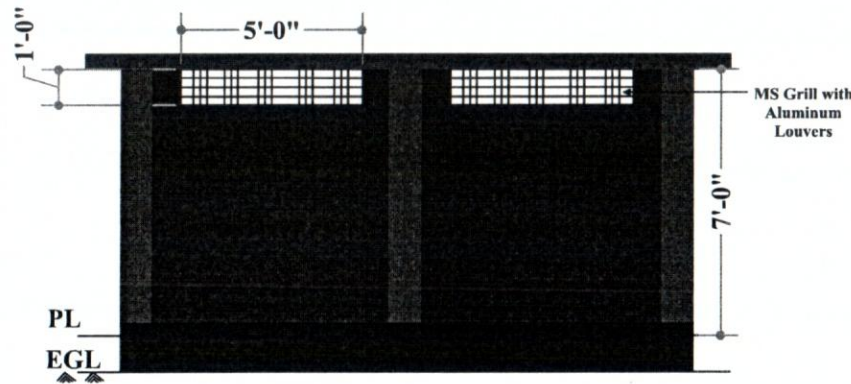


Fig: Back Elevation

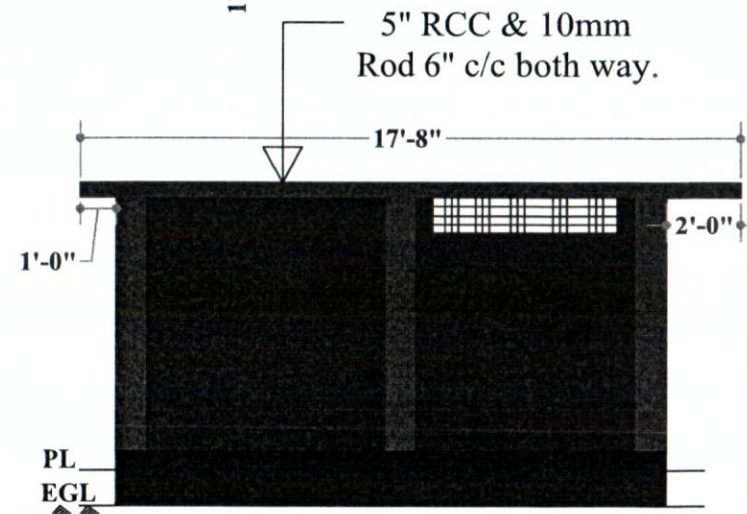


Fig: Side Elevation

Fig: Elevation for Wash Facility.

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JCF-PP, Dhaka, Cox's Bazar

Design by: 
Engr. Md. Ruhul Amin
(B.Sc. in Civil Engineer)
Construction Engineer
JCF-Cox's Bazar.

Note: All Door & Window Color will be Gray. Use one coat primer & use two coat Enamel Paint.

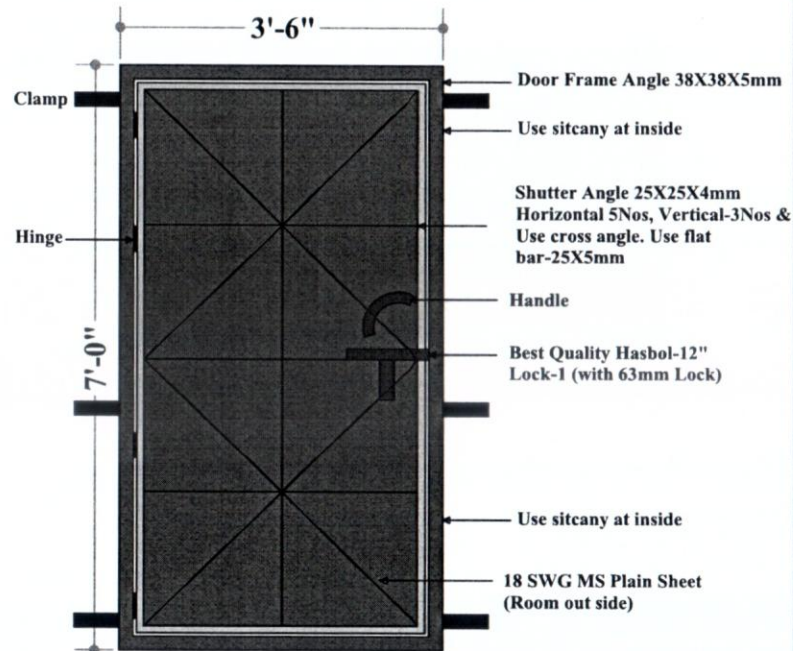


Fig: Door Shutter Section

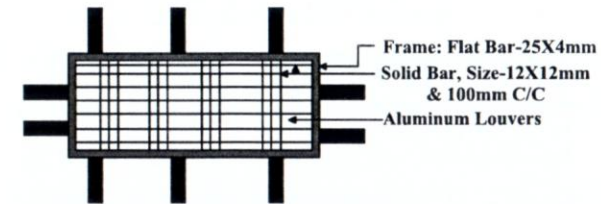


Fig: Section for only Grill

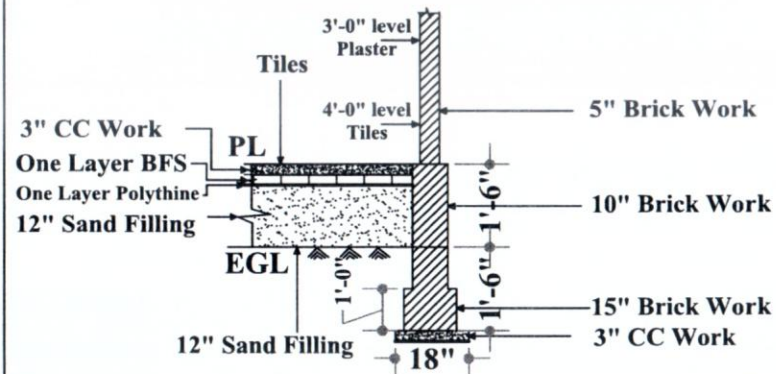


Fig: Cross Section for A-A'

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JCF-PPF (MNS) Cox's Bazar

Fig: Door & Window Section for Wash Facility.

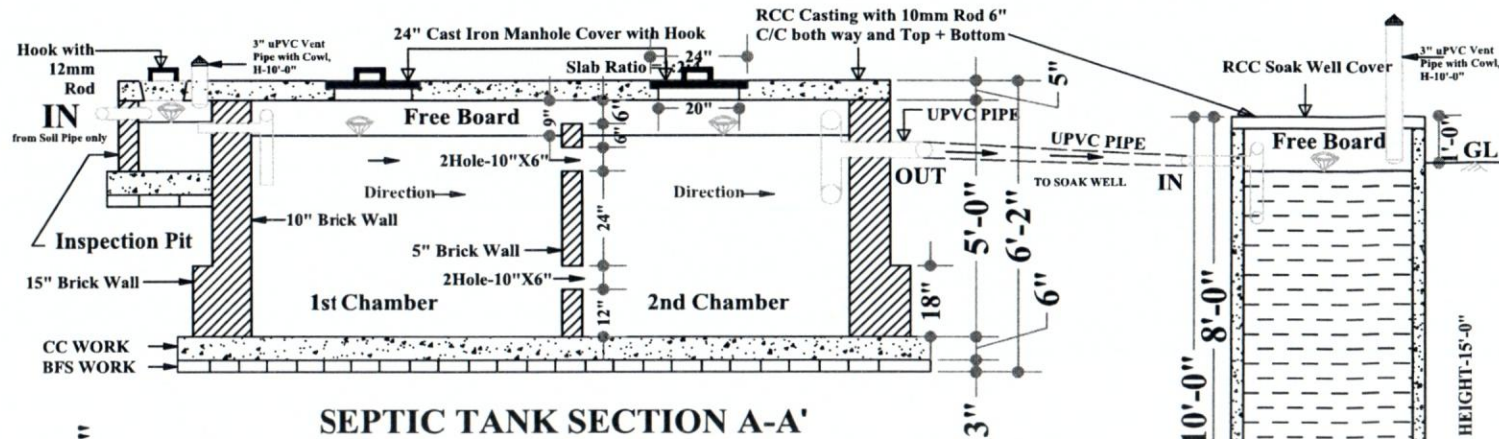
Design by: 
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Note: All inside will be plaster & NCF.

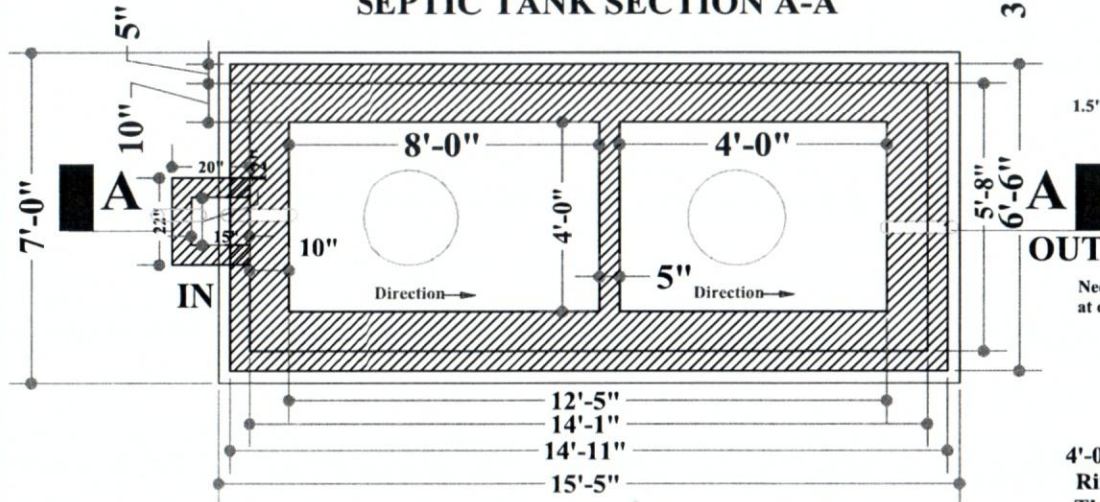
5" B/W Ratio = 1:4
10" B/W Ratio = 1:6

Note: This drawings are not in scale.

P-07



SEPTIC TANK SECTION A-A'



PLAN FOR SEPTIC TANK

SECTION FOR SOAK WELL

4'-0" Dia RCC
Ring & Wall
Thickness-3"



DRAWING FOR SEPTIC TANK & SOAK WELL

Design by:
Engr. Md. Ruhul Amin
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