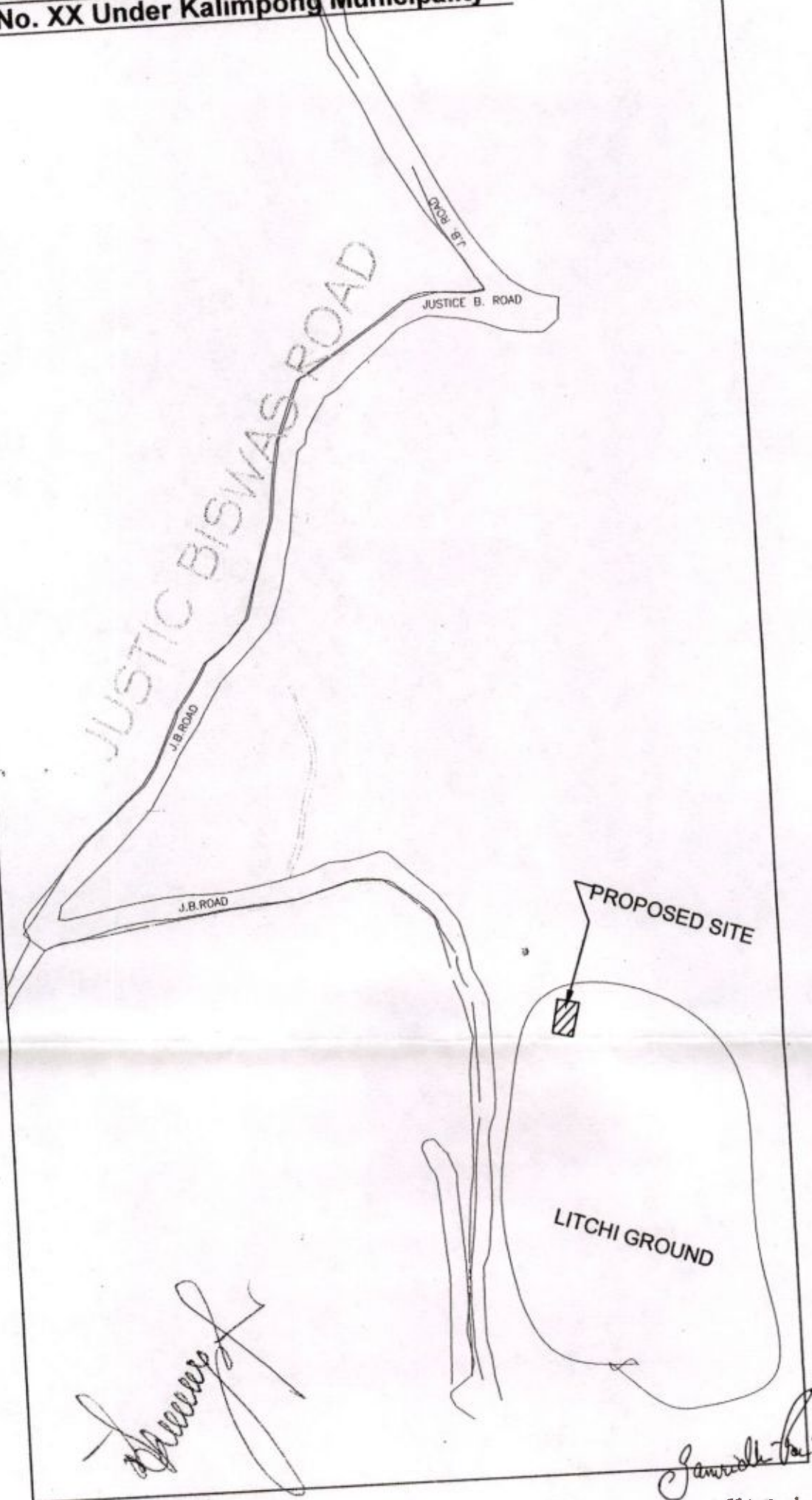


"Construction of Community Toilet (2nos of male latrines, 2no of Urinal and 2no of female latrines) at LITCHI GROUND Within Ward No. XX Under Kalimpong Municipality".



Chairman
Kalimpong Municipality
Kalimpong

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

Technical drawing of a rectangular septic tank with a sloped bottom and a central partition. The drawing includes dimensions for inlet, outlet, water level, and structural components like the R.C.C. slab and B.F.S. walls. Key features include a 560 DIA. MANHOLE COVER, 50 DIA VENTILATION PIPE, and a 100 DIA S.W. PIPE. The bottom has a slope of 1 in 10. The drawing is labeled with 'X' at both ends and 'Y' at the top.

Labels and dimensions include:

- 50 DIA VENTILATION PIPE (HEIGHT AS PER IS:2470, PART-1)
- 560 DIA. MANHOLE COVER
- 100 THK. R.C.C. (1:1.5:3) SLAB (REINFORCEMENT = 1.00 % CONC Volm. OF ELEMENT.)
- 100 DIA S.W. PIPE
- P.C.C.
- B.F.S.
- INLET
- 250
- 450
- 50
- WATER LEVEL
- 300
- 75
- $d = 825 \text{ max./} 500 \text{ min.}$
- 150x150 HOLE
- 150
- 125
- 25 A.S. FLOOR
- SLOPE 1 in 10
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100
- 50
- 250
- 150
- 125
- 25 A.S. FLOOR
- 75 THK. P.C.C. (1:3:6)
- 75 B.F.S.
- 100 THK. R.C.C. (1:1.5:3) (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT)
- DEFLECTOR
- OUTLET
- 100

500 DIA. MANHOLE COVER

150x150 HOLE

INLET

OUTLET

100 DIA S.W. PIPE

100 DIA S.W. PIPE

PLAN AT ' XX '

PLAN AT ' XX '

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

DETAILS OF SEPTIC TANK

1600
1600
1300

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

ALL DIMENSIONS ARE IN MM

KALIMPONG MUNICIPALITY

Name of the Work : "Construction of Community Toilet (2nos of male latrines, 2no of Urinal and 2no of female latrines) at COMMUNITY HALL Ward No. XXI Under Kalimpong Municipality".

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No. /s	Length	Breadth	Height	Volume	Unit	Rate	Amount
1.0		PMD/MBL "BUILDING WORKS (effective from 11.10.2017). Detailing except plains of sillupur Sub-Div									
		p-1 / it- Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1500 mm.									
		Columns -	1	6	0.900	x	0.900	x	1.200	=	5.832 m³
		Tie beams -	1	2	2.350	x	0.200	x	0.200	=	0.204 m³
			1	2	2.325	x	0.200	x	0.200	=	0.186 m³
			1	3	1.812	x	0.200	x	0.200	=	0.217 m³
		Total									6.439 m³
2.0		p-1 / it- Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (payment to be made on the basis of measurement of finished quantity of work) With earth obtained from excavation of foundation								@Rs. 119.27 =	Rs. 767.98
		Columns -	1	6	0.900	x	0.900	x	0.750	=	3.645 m³
		Total									3.645 m³
3.0		p-229 / it- Supplying and laying 150 mm. to 200 mm. boulder soil including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to 12 proper level and filling up all joints with sandy clay or earth. Without rolling but including ramming								@Rs. 77.54 =	Rs. 282.63
		Columns footing -	1	6	0.900	x	0.900	x	0.900	=	4.860 m³
		Tie beams -	1	2	2.350	x	0.200	x	0.200	=	1.020 m³
			1	2	2.325	x	0.200	x	0.200	=	0.930 m³
		Frost steps -	1	3	1.812	x	0.200	x	0.200	=	1.087 m³
			1	5	4.425	x	0.250	x	0.250	=	5.531 m³
		Total									13.428 m³
4.0		p-24 / it- Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes, River bazzes								@Rs. 240.80 =	Rs. 3,233.46
		Columns footings cast concrete -	1	6	0.900	x	0.900	x	0.075	=	0.365 m³
		Tie beams base -	1	2	2.350	x	0.200	x	0.075	=	0.077 m³
			1	2	2.325	x	0.200	x	0.075	=	0.070 m³
		Flooring -	1	3	1.812	x	0.200	x	0.076	=	0.083 m³
		Tread -	1	4	4.425	x	0.212	x	0.100	=	1.211 m³
		Rise -	1	3	4.425	x	0.075	x	0.075	=	0.956 m³
		above tie beam up to plinth (horizontal)	1	2	2.350	x	0.200	x	0.300	=	0.306 m³
			1	2	2.325	x	0.200	x	0.300	=	0.279 m³
		above tie beam up to plinth (vertical)	1	3	1.812	x	0.200	x	0.300	=	0.326 m³
		Total									3.882 m³
5.0		p-26 / it- Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. i) Pakur 10/20								@Rs. 6,370.80 =	Rs. 24,604.03
		Corridor	1	6	0.900	x	0.900	x	0.200	=	0.972 m³
		Trapezoidal -	6	3	0.972	+ 0.272	+ 0.9072	x	0.272	= 0.5	0.72 m³
		Columns below G.L. -	1	6	0.200	x	0.200	x	0.525	=	0.126 m³
		Tie beams -	1	2	2.350	x	0.200	x	0.200	=	0.204 m³
			1	2	2.325	x	0.200	x	0.200	=	0.186 m³
			1	3	1.812	x	0.200	x	0.200	=	0.217 m³
			1	6	0.200	x	0.200	x	0.450	=	0.108 m³
		PLINTH PORTION:- Columns from G.L. upto P.L.	1	6	0.200	x	0.200	x	2.400	=	0.576 m³
		GROUND FLOOR PORTION:-									
		Columns -	1	6	0.200	x	0.200	x	0.200	=	0.510 m³
		Beam - Horizontal -	1	2	6.375	x	0.200	x	0.200	=	0.373 m³
		Beam - Vertical -	1	3	3.112	x	0.200	x	0.200	=	1.984 m³
		Slab -	1	1	6.375	x	3.112	x	0.100	=	5.976 m³
		Total									Rs. 49,383.69
										@Rs. 8,263.67 =	Rs. 78,271.79
										C.O.	

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C.O.

Sl. No.	Pg.No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
6.0	P-42 /It- 36(a)	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)(a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-in-Charge.								B.F.	Rs.78,271.79
		GROUND FLOOR PORTION:-									
		Columns -	4	6	0.200	2.400		11.520 m³			
		Beam - Horizontal -	2	2	6.375	0.200		5.100 m³			
		Beam - Vertical -	1	2	6.375	0.200		2.500 m³			
		Slab -	1	3	3.112	0.200		3.734 m³			
		Inside SLAB EDGING -	1	1	6.375	3.112		19.839 m³			
		Steps riser -	2	1	6.375	0.100		1.275 m³			
			1	1	3.112	0.100		0.622 m³			
			1	4	4.425	0.150		2.655 m³			
							Total =	49.162 m³		@Rs.400.80 =	Rs.19,704.13
7.0	P-42 /It- 36(f)	25 mm to 30 mm shuttering without staging in foundation									
		Columns footings -	4	6	0.425	0.150		1.530 m³			
		Columns from G.L. upto P.L. -	4	6	0.200	0.450		2.160 m³			
		Columns below G.L. -	4	6	0.200	0.525		2.520 m³			
		Tie beams -	2	2	2.550	0.200		2.040 m³			
			2	2	2.325	0.200		1.860 m³			
			2	3	1.812	0.200		2.174 m³			
							Total =	12.284 m³		@Rs.250.80 =	Rs.3,080.83
8.0	P-16 /It- 16 (3rd)	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.									
		Main wall -	1	2	2.550	2.400		12.240 m³			
		partition wall -	1	2	2.325	2.400		11.160 m³			
			1	2	1.812	2.400		8.698 m³			
			1	1	2.087	2.400		5.009 m³			
			1	1	1.260	2.400		3.024 m³			
			1	2	0.312	2.400		1.498 m³			
			1	4	0.250	2.400		2.400 m³			
			1	2	0.700	2.400		3.360 m³			
			1	2	0.200	2.400		0.960 m³			
		LESS DOORS, WINDOWS, Main Doors "D" -	-1	1	0.900	2.100		-1.890 m³			
		Bath & W.C. doors "D1" -	-1	4	0.750	2.100		-6.300 m³			
		Windows "W" -	-1	1	1.000	1.220		-1.220 m³			
		Ventilators "V1" -	-1	4	0.750	0.864		-2.592 m³			
							Total =	36.35 m³		@Rs.1,038.00 =	Rs.37,731.30
9.0	P-189 /It- 189(a)	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary (ground floor).									
		With 4:1 cement mortar									
		10 mm. thick plaster									
		Plinth -	2	1	6.702	0.450		6.032 m³			
			2	1	3.346	0.450		3.011 m³			
		Steps tread -	1	4	4.425	0.250		4.425 m³			
		Steps riser -	1	3	4.425	0.150		1.991 m³			
		FLOOR -	1	1	5.475	2.212		12.111 m³			
							Total =	27.570 m³		@Rs.166.80 =	Rs.4,598.68
		15 mm. thick plaster									
		long wall -	2	2	5.475	2.400		52.560 m³			
		Short wall -	2	2	2.212	2.400		21.235 m³			
		partition wall -	2	1	2.087	2.400		10.018 m³			
			2	1	1.260	2.400		6.048 m³			
			2	2	0.312	2.400		2.995 m³			
			2	4	0.250	2.400		4.800 m³			
							Total =	84.656 m³		@Rs.143.386.73 =	Rs.12,136,731.30

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Sl. No.	Pg. No. / IL No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		CEILING -	2	2	0.700	2.400		6.720 m ³			
		ROOF TOP	2	2	0.200	2.400		1.920 m ³		B.F.	Rs.143,386.73
		horizontal beam -	1	1	5.475	2.212		12.111 m ³			
		vertical beam -	3	2	6.375	0.200		19.839 m ³			
		LESS - Door and window openings - Doors "D" -	3	3	3.112	0.200		5.602 m ³			
		DI -	-1	1	0.900	2.100		-1.890 m ³			
		Windows W -	-1	4	0.750	2.100		-6.300 m ³			
		Ventilators W1 -	-1	1	1.000	1.220		-1.220 m ³			
			-1	4	0.750	0.864		-2.592 m ³			
		Total =						139.496 m ³		@Rs.211.20 =	Rs.29,461.56
10.0	Pg192 It- 15	Neel cement putting about 1.5mm thick in wall, dado, window sill, floor etc. B.F. from item no. 9									
		Total =						167.066 m ³		@Rs.40.80 =	Rs.6,816.29
11.0	P-43 /It- 40(x)(x)	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter-section, complete as per drawing and direction. For works in foundation, basement and upto roof of ground floor/upto 4m. Tor steel/Mild steel II) JSW/JSP/SHYAM/SRM/BMAS/LELE/ROSTEEL/SSL									
		R.C.C. WORKS:- FOUNDATION PORTION:-									
		Column footings -	1	6	0.900	0.900	0.200	0.972 m ³			
		Trapezoidal -	6 x 3	(0.9)2	+ 0.22	(0.90)2	* 0.22	0.72 m ³			
		Columns below G.L. -	1	6	0.200	0.200	0.525	0.126 m ³			
		Tie beams -	1	2	2.550	0.200	0.200	0.204 m ³			
			1	2	2.325	0.200	0.200	0.186 m ³			
			1	3	1.812	0.200	0.200	0.217 m ³			
		PLINTH PORTION:-									
		Columns from G.L. upto P.L.	1	6	0.200	0.200	0.450	0.108 m ³			
		GROUND FLOOR PORTION:-									
		Columns -	1	6	0.200	0.200	2.400	0.576 m ³			
		Beams - Horizontal -	1	2	6.375	0.200	0.200	0.510 m ³			
		Beams - Vertical -	1	3	3.112	0.200	0.200	0.373 m ³			
		Slab -	1	1	6.375	3.112	0.100	1.984 m ³			
		Using steel	1	% on total R.C.C. work				5.976 m ³			
								0.060 m ³			
		Wt per 1 m ² of M.S. bar						5.976			
								469.116 Kg.			
		Total =						0.470 M.T.		@Rs.77,252.00 =	Rs.36,299.04
12.0	P-104 /It- 13(0)	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.									
		Window W -	1	1	1.000	1.220		1.220 m ³			
			1	4	0.750	0.864		2.592 m ³			
		Total =						3.812 m ³			
								0.61		@Rs.12,343.20 =	Rs.7,529.35
13.0	P-114 /It- 1(0)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S. clamps. (The quantum should be carried upto three decimals). Other local wood									
		Main door -								C.O.	Rs.223,692.97

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Sl. No.	Pg. No. / It. No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		"D" Horizontal - Vertical -	1	1	0.900	0.100	0.075	0.007	m³	B.F.	Ra.223,492.97
		"D1" Horizontal - Vertical -	2	1	0.100	0.075	2.100	0.032	m³		
		"W" Horizontal - Vertical -	1	4	0.750	0.100	0.075	0.023	m³		
		"W1" Horizontal - Vertical -	2	4	0.100	0.075	2.100	0.126	m³		
		"W2" Horizontal - Vertical -	2	1	1.000	0.100	0.075	0.013	m³		
		"W3" Horizontal - Vertical -	2	1	0.100	0.075	1.220	0.018	m³		
		"W4" Horizontal - Vertical -	2	4	0.750	0.100	0.075	0.045	m³		
		"W5" Horizontal - Vertical -	2	4	0.100	0.075	0.864	0.052	m³		
		Total						0.318	m³	@Ra.43,562.40 =	Ra.13,832.84
14.0	P-119 / It. 4(i)(a)	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg/sq.m. 3 mm. thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooden beads etc. will be paid separately. In ground floor.									
		40 mm. thick shutters									
		Other local wood									
		Windows - Ventilator -	1	1	1.000	1.220		1.220	m²		
			1	4	0.750	0.864		2.592	m²		
		Total						3.812	m²	@Ra.2,234.40 =	Ra.8,517.53
15.0	P-117 / It. 1(i)(b)	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and in ground floor.									
		(In case of non-supply of single plank, panel rate of reduction of 20% will be made)									
		40 mm. thick shutters with 19 mm. thick panel									
		Champ, Hailak, Siuu, Badam									
		Main doors -	1	1	0.900	2.100		1.890	m²		
		Total						1.890	m²	@Ra.3,678.00 =	Ra.6,951.42
16.0	P-123 / It. 10A(iii)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor.									
		(For upper floors refer to item 95 also.)									
		Shutter with 25 mm. thick planks, 19 mm thick battens									
		Champ									
		W.C. Doors -	1	4	0.750	2.100		6.300	m²		
		Total						6.300	m²	@Ra.3,228.00 =	Ra.20,336.40
17.0	P-200 / It. 1(a)	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.									
			1	1	1.000	1.220		1.220	m²		
			1	4	0.750	0.864		2.592	m²		
		Total						3.810	m²	@Ra.56.00 =	Ra.137.16
18.0	P-200 / It. 1(b)	(b) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.									
		Main doors -	2	1	0.900	2.100		3.780	m²		
		W.C. Doors -	2	4	0.750	2.100		12.600	m²		
		door frame D -	1	1	0.900	0.250		0.225	m²		
			2	1	0.250	2.100		1.050	m²		
		W.C. Doors frame -	1	4	0.750	0.250		0.750	m²		
			2	4	0.250	2.100		4.200	m²		
		window frame W -	1	1	1.000	0.250		0.250	m²		
			2	1	0.250	1.220		0.610	m²		
		W1 -	1	4	0.750	0.250		0.750	m²		
			2	4	0.250	0.864		1.728	m²		
		Total						23.940	m²	@Ra.45.60 =	Ra.1,182.86
19.0	P-200 / It. 2(A)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary. (B) On steel or other metal surface. With super glass (tri-glass) - (N) Two coats (with any shade except white)									
		B.F from Sl. No 18 of the estimate						23.940	m²	@Ra.98.40 =	Ra.2,352.50
										C.O.	Ra.277,023.68

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Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
20.0	P-200, It. 2/A)(b)(i) v)	(b) On steel or other metal surface : With super gloss (th-gloss) - w) Two coats (with any shade except white) B.F from SL no 17 of the estimate						3.810 m³		@Rs.96.00 =	Rs.365.76
21.0	P-197, It. 17(b)	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) b) Normal acrylic emulsion									
		well exterior	1	x	2	x	5.475	x	2.400		26.280 m³
			1	x	2	x	2.212	x	2.400		10.618 m³
			1	x	2	x	0.312	x	2.400		1.498 m³
		slab extension-	1	x	2	x	6.375	x	0.450		5.738 m³
			1	x	2	x	3.112	x	0.450		2.801 m³
		Iron Windows -	-1	x	1	x	1.000	x	1.220		-1.220 m³
		Ventilator -	-1	x	4	x	0.750	x	0.864		-2.592 m³
		Door -	-1	x	1	x	0.900	x	2.100		-1.890 m³
		W.C. Doors -	-1	x	2	x	0.750	x	2.100		-3.150 m³
		Total								@Rs.81.60 =	Rs.3,107.33
22.0	P-196, It. 10	Acrylic Distemper to inferior wall, ceiling with a coat of solvent based inferior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothening of surface Two Coats									
		long wall -	1	x	2	x	5.475	x	2.400		26.280 m³
		Short wall -	1	x	2	x	2.212	x	2.400		10.618 m³
		partition wall-	2	x	1	x	2.087	x	2.400		10.018 m³
			2	x	1	x	1.260	x	2.400		6.048 m³
			1	x	1	x	1.182	x	2.400		2.837 m³
			1	x	2	x	0.312	x	2.400		1.498 m³
			2	x	2	x	0.700	x	2.400		6.720 m³
			2	x	2	x	1.200	x	2.400		11.520 m³
			2	x	1	x	0.312	x	2.400		1.498 m³
			2	x	2	x	0.125	x	2.400		1.200 m³
		CEILING -	1	x	1	x	5.475	x	2.212		12.111 m³
		Lean Door -	-1	x	1	x	0.900	x	2.100		-1.890 m³
		DL -	-1	x	4	x	0.750	x	2.100		-6.300 m³
		W -	-1	x	1	x	1.000	x	1.220		-1.220 m³
			-1	x	4	x	0.750	x	0.864		-2.592 m³
		Total								@Rs.85.20 =	Rs.6,675.42
23.0	P-140 It.15(vii)	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark, 100 mm x 58 m x 1.90 mm									
		Main doors -	3	x	1						3.000 Each
		W.C. Doors -	3	x	4						12.000 Each
		Total								@Rs.56.40 =	Rs.846.00
		75 mm x 47 mm x 1.70 mm									
		Windows -	2	x	5						10.000 Each
		Total								@Rs.38.40 =	Rs.384.00
24.0	P-141 It. 8c	Iron socket bolt of approved quality fitted and fixed complete, 150 mm long x 12 mm dia. Bolt									
		Main doors -	2	x	1						2.000 Each
		W.C. Doors -	2	x	4						8.000 Each
		Windows -	2	x	5						10.000 Each
		Total								@Rs.76.80 =	Rs.1,536.00
25.0	P-141 It. 7b	Iron catch hook of approved quality fitted and fixed to shutters and chowkai 8 mm dia x 225 mm long, 300 mm long									
		Windows -	2	x	2						4.000 Each
		Total								@Rs.76.80 =	Rs.307.20
26.0	P-141 It. 10a	Iron hasp bolt of approved quality fitted and fixed complete (costless) with 16 mm dia rod with centre bolt and round fitting.									
		Main doors -	1	x	1						1.000 Each
		Total								@Rs.207.60 =	Rs.207.60
27.0		Iron pad bolt (lock) of approved quality rod and handle single cast :									
		Total								C.O.	Rs.290,452.99

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Total =	Ru.377,676.11
GST @ 12% =	Ru.45,321.11
Cost of civil works excluding labour welfare cess =	Ru.422,997.31
Labour welfare cess @ 1% =	Ru.4,229.97
Cost of civil works including labour welfare cess =	Ru.427,227.31
Contingency Charge @ 3% =	Ru.12,689.97

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
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Ruppes (Four Lakhs Thirty Nine Thousand Nine Hundred and Seventeen) Only

Total =
Rs. 439,917.22
Say Rs. 439,917

Y. P. Singh

[Signature]

Rabi Pradhan

Chairman

Kalimpang Municipality

Chairman

Kalimpang Municipality

Kalimpang

[Signature]

Sub Assistant Engineer

Kalimpang Municipality

Kalimpang Municipality

682
13.11.17

[Faint Stamp]

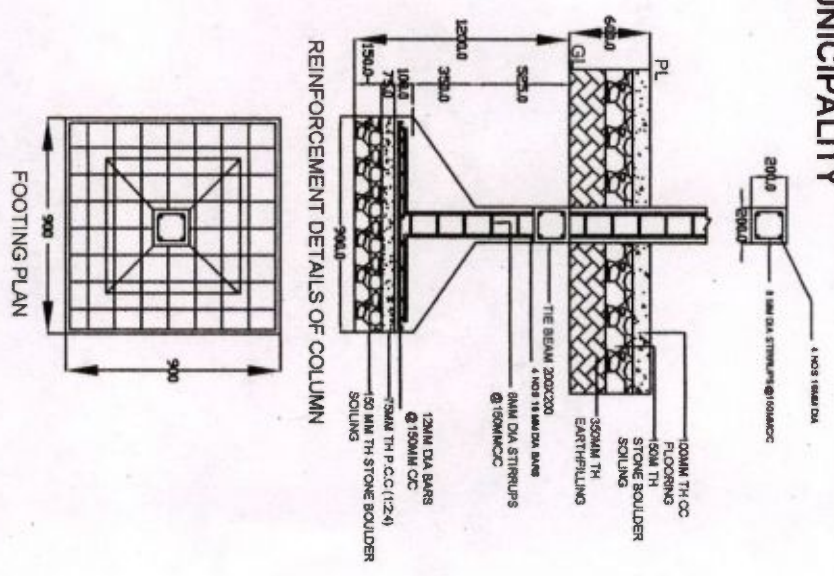
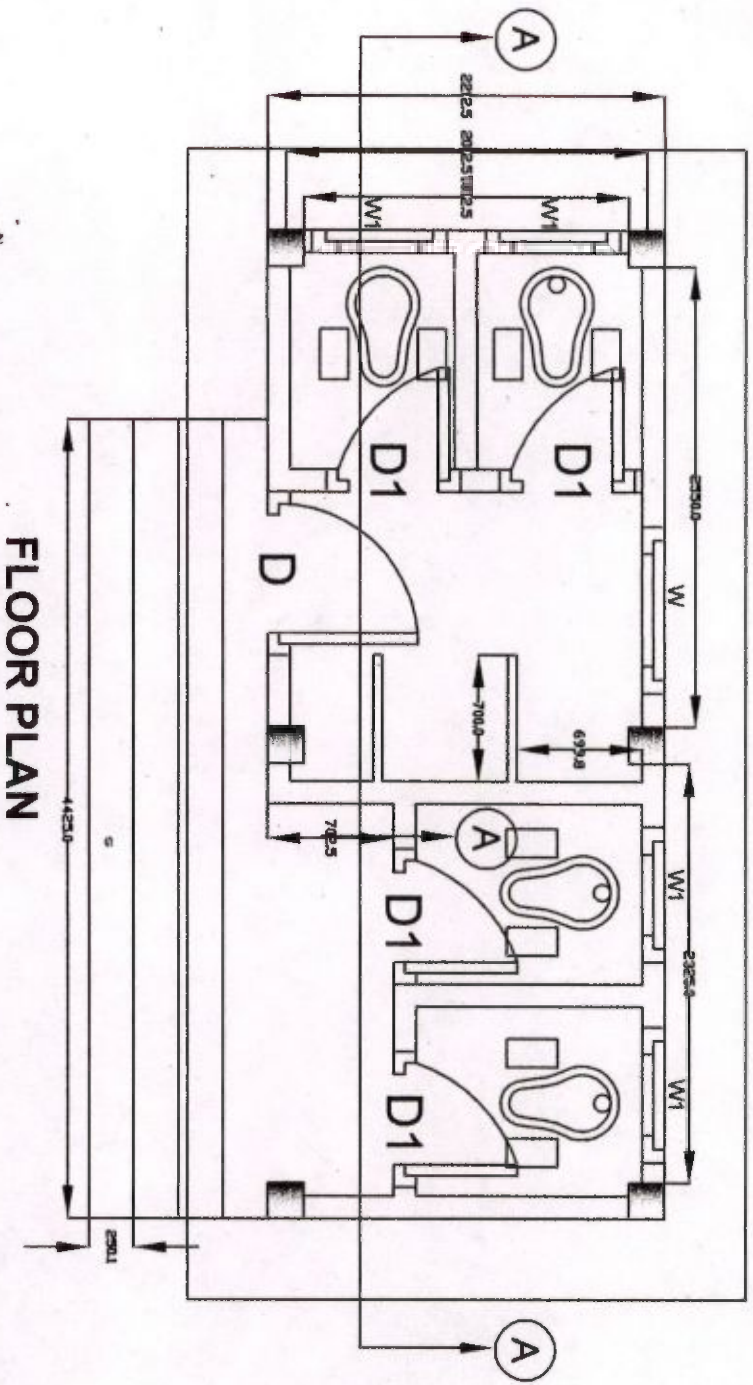
[Signature]

Kalimpang Sec.

Vetted

Anil
14/11/2018

CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS LATRINES, 2 LADIES LATRINES AND 2 URINALS AT COMMUNITY HALL WITHIN WARD NO. XXI UNDER KALIMPONG MUNICIPALITY



FLOOR PLAN

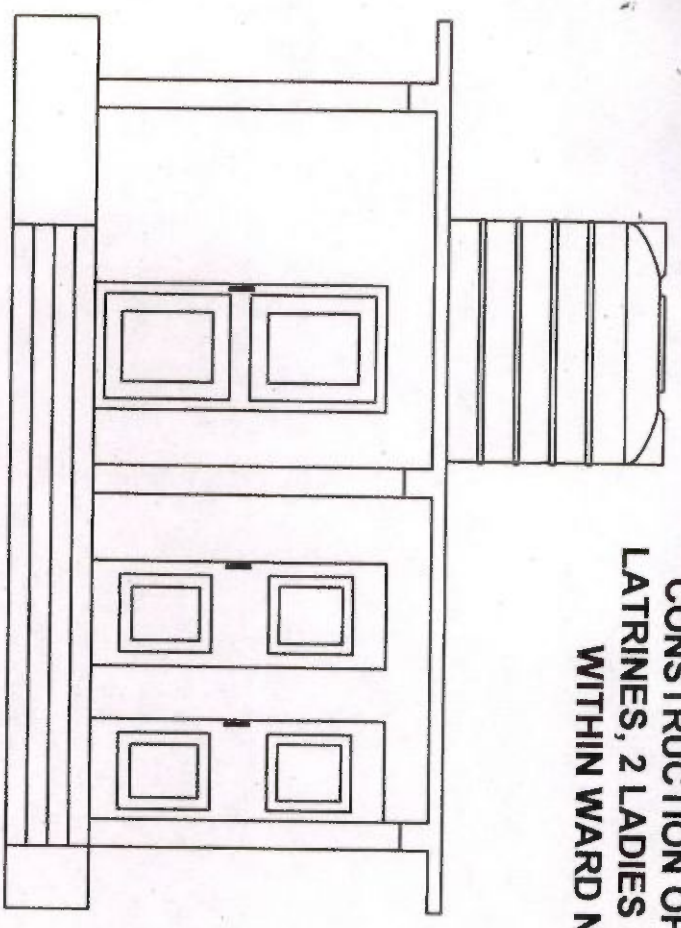
FOOTING PLAN

13.11.19
Junior Engineer
M.E.Die.
Siliguri Division, M.E.Die.
Govt. Of West Bengal

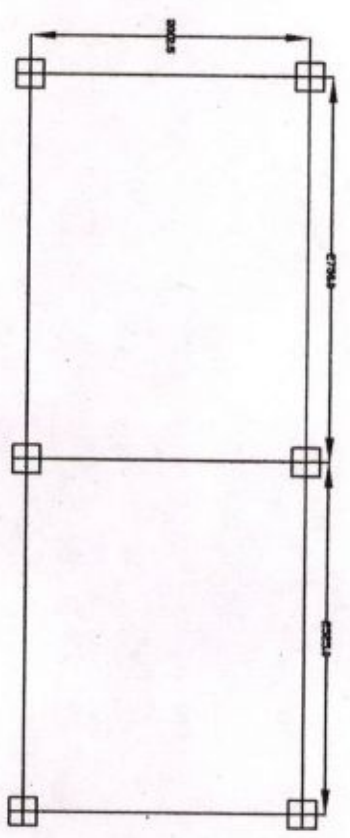
Chairman
Kalimpur Municipality

SANJAY KUMAR
SUB-ASST. ENGINEER
KALIMPUR MUNICIPALITY

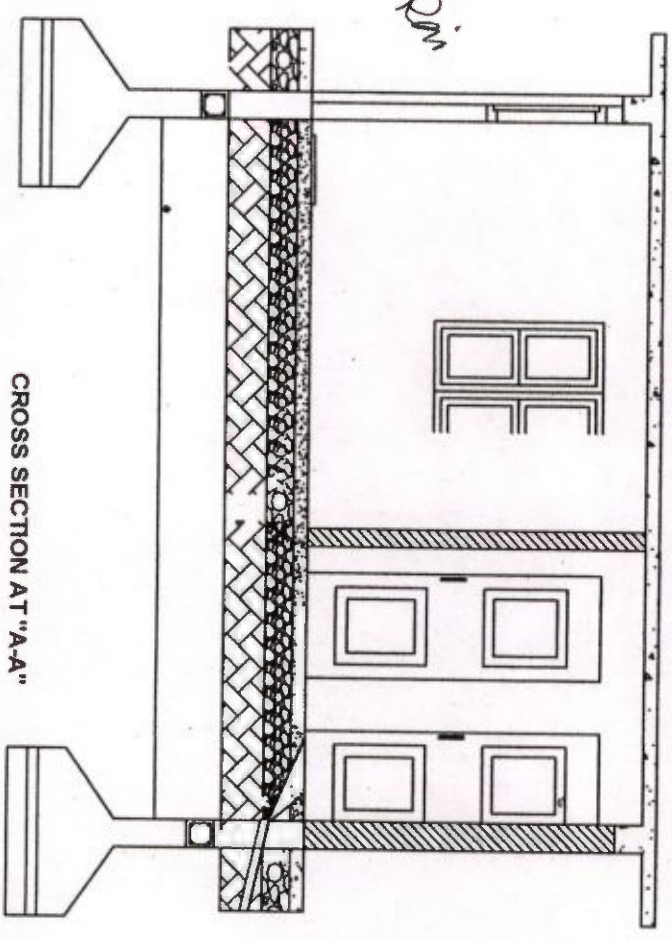
CONSTRUCTION OF COMMUNITY TOILET CONSISTING OF 2 GENTS
LATRINES, 2 LADIES LATRINES AND 2 URINALS AT COMMUNITY HALL
WITHIN WARD NO. XXI UNDER KALIMPONG MUNICIPALITY



FRONT ELEVATION



COLUMN LAYOUT



CROSS SECTION AT "A-A"

13.11.19
Junior Engineer
Civil Engineering, M.E.D. Dept.
Govt. Of West Bengal

SCHEDULE FOR DOORS
AND WINDOWS
D = 900 X 2100
D1 = 750 X 2100
W = 1000 X 1220
W1 = 750 X 864
ALL DIMENSIONS ARE IN MM

13/11/19
Junior Engineer

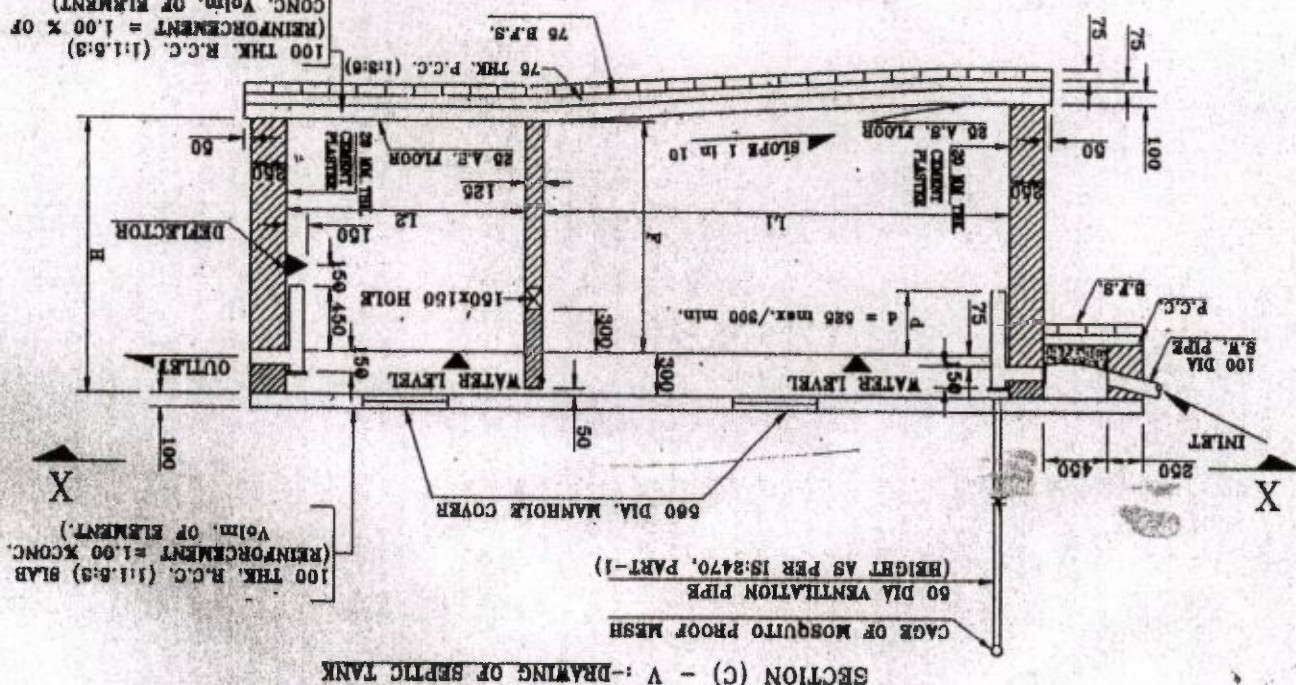
14/11/2019
14/11/2019

DETAILS OF SEPTIC TANK

Kallimpong Municipality
Kallimpong

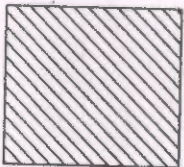
[illegible]

100 THK. R.C.C. (1:1.5:3)
(REINFORCEMENT = 1.00 % OF
CONC. VOLUM. OF ELEMENT)



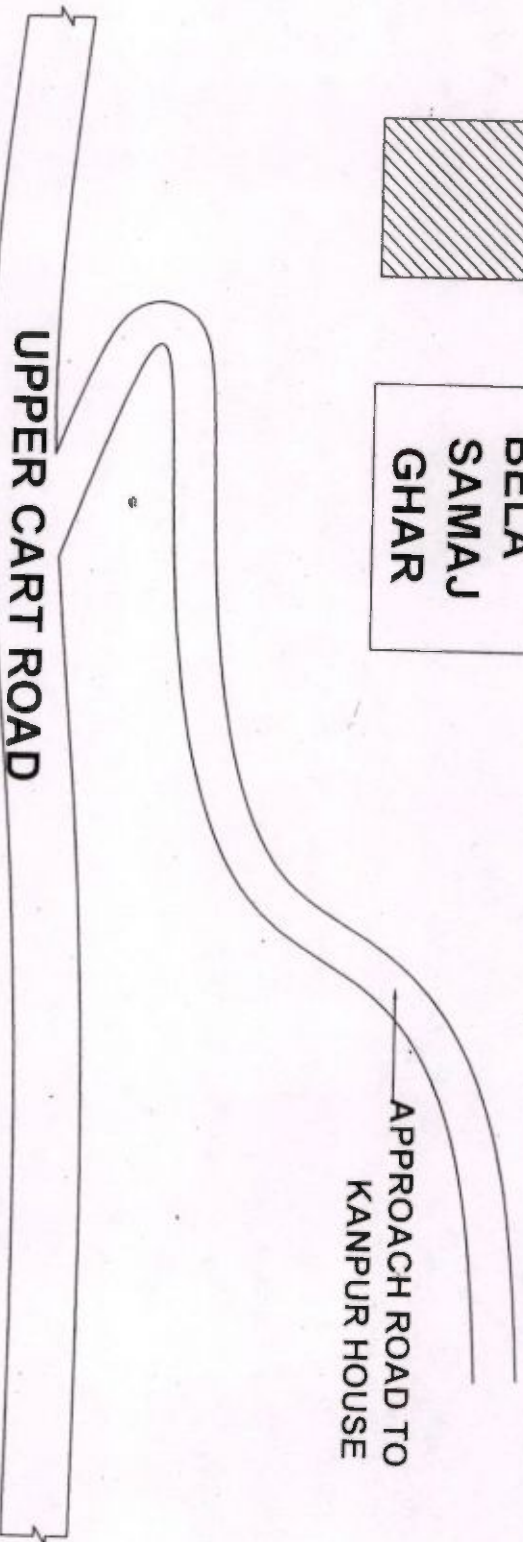
SECTION (C) - V :- DRAINING OF SEPTIC TANK

SITE PLAN FOR PROPOSED COMMUNITY TOILET CONSISTING OF 2 GENTS
LATRINES, 2 LADIES LATRINES AND 2 URINALS AT COMMUNITY
HALL WITHIN WARD NO. XXI UNDER KALIMPONG MUNICIPALITY



BELA
SAMAJ
GHAR

APPROACH ROAD TO
KANPUR HOUSE



M. Ravi



Chairman
Kalimpong Municipality
K. Ravi

KALIMPONG MUNICIPALITY

Name of the Work :

"Construction of Community Toilet 2nos of male latrines, 2no of Urinal and 2no of female latrines) at EASTMAIN ROAD, SAGAR MATHA SAMAJ, BOMJAN GAON Ward No. XXII Under Kalimpong Municipality".

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No.s	Length	Breadth	Height	Volume	Unit	Rate	Amount
1.0		PMO/MBI, "BUILDING WORKS effective from 11.2017, Dated as per billings of alligant Sub-Div									
		p-1 / It- Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils									
		2(a) within a lead of 75m as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1500 mm.									
		Columns -	1	6	0.900	0.900	1.200	5.832	m ³		
		Tie beams -	1	2	2.550	0.200	0.200	0.204	m ³		
			1	2	2.375	0.200	0.200	0.186	m ³		
			1	3	1.812	0.200	0.200	0.217	m ³		
		Total						6.439	m ³	@Rs.119.27 =	Rs.767.98
2.0		p-1 / It- Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm, including watering and ramming etc. layer by layer complete. (payment to be made on									
		3(a) the basis of measurement of finished quantity of work/With earth obtained from excavation of foundation									
		Columns -	1	6	0.900	0.900	0.750	3.645	m ³		
		Total						3.645	m ³	@Rs.77.54 =	Rs.282.63
3.0		p-2/29 / It- Supplying and laying 150 mm. to 200 mm. boulder soling including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to									
		12 proper level and filling up all joints with sandy clay or earth. Without rolling but including ramming									
		Columns footing -	1	6	0.900	0.900		4.860	m ³		
		Tie beams -	1	2	2.550	0.200		1.020	m ³		
			1	2	2.325	0.200		0.930	m ³		
			1	3	1.812	0.200		1.087	m ³		
		Front steps -	1	5	4.425	0.250		5.531	m ³		
		Total						13.428	m ³	@Rs.240.80 =	Rs.3,233.46
4.0		p-24 / It- Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor									
		4(b) as per relevant IS codes, River bazzes									
		Columns footings cast concrete -	1	6	0.900	0.900	0.075	0.365	m ³		
		Tie beams base -	1	2	2.550	0.200	0.075	0.077	m ³		
			1	2	2.325	0.200	0.075	0.070	m ³		
		Flooring -	1	3	1.812	0.200	0.076	0.083	m ³		
		Tread -	1	4	4.425	0.100	0.075	1.211	m ³		
		rise	1	3	4.425	0.075	0.075	0.996	m ³		
		above tie beam up to plinth horizontal -	1	3	4.425	0.075	0.150	0.149	m ³		
		1	2	2.550	0.200	0.300	0.306	0.306	m ³		
		above the beam up to plinth vertical -	1	2	2.325	0.200	0.300	0.279	m ³		
		1	3	1.812	0.200	0.300	0.326	0.326	m ³		
		Total						3.862	m ³	@Rs.6,370.80 =	Rs.24,604.03
5.0		p-26 / It- Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.) Pakur									
		10(ii) Variety									
		Corridor	1	6	0.900	0.900	0.200	0.972	m ³		
		04.06.20	6	0.35	0.900	0.900	0.200	0.72	m ³		
		18 at no.	3	0.900	0.900	0.200	0.525	0.126	m ³		
		33 pg 26	1	6	0.200	0.200	0.200	0.204	m ³		
		at 114	1	2	2.550	0.200	0.200	0.186	m ³		
			1	2	2.325	0.200	0.200	0.217	m ³		
			1	3	1.812	0.200	0.200	0.108	m ³		
		PLINTH PORTION:- Columns from G.L. upto P.L.	1	6	0.200	0.200	0.450	0.576	m ³		
		GROUND FLOOR PORTION:-						0.510	m ³		
		Columns -	1	6	0.200	0.200	0.200	0.375	m ³		
		Beam - Horizontal -	1	2	6.375	0.200	0.200	1.984	m ³		
		Beam - Vertical -	1	3	3.112	0.200	0.200	0.375	m ³		
		Slab -	1	1	6.375	3.112	0.100	5.976	m ³		
		Total						13.428	m ³	@Rs.8,263.67 =	Rs.49,383.69
										C.O.	Rs.78,271.79

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Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
6.0	P-42 / It. 36(a)	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, finish curved or straight including fitting, fixing and striking out after completion of work (upto roof of ground floor)(a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-in-Charge.								B.F.	Rs.78,271.79
		GROUND FLOOR PORTION:-									
		Column -	4	6	0.200	x	2.400	11.520 m³			
		Beam - Horizontal -	2	2	6.375	x	0.200	5.100 m³			
		Beam - Vertical -	1	2	6.375	x	0.200	2.550 m³			
		Slab -	2	3	3.112	x	0.200	3.734 m³			
		Inside SLAB EDGING -	1	1	6.375	x	3.112	1.867 m³			
		Steps riser -	2	1	6.375	x	0.100	1.275 m³			
			1	1	3.112	x	0.100	0.622 m³			
			4	4	4.425	x	0.150	2.635 m³			
		Total =						49.162 m³			
7.0	P-42 / It. 36(d)	25 mm to 30 mm shuttering without staging in foundation								@Rs.400.80 =	Rs.19,704.13
		Column footings -	4	6	0.425	x	0.150	1.530 m³			
		Columns from G.L. upto P.L. -	4	6	0.200	x	0.450	2.160 m³			
		Columns below G.L. -	4	6	0.200	x	0.525	2.520 m³			
		Tie beams -	2	2	2.550	x	0.200	2.040 m³			
			2	2	2.325	x	0.200	1.860 m³			
			2	3	1.812	x	0.200	2.174 m³			
		Total =						12.284 m³			
8.0	P-16 / It. 16 (3rd)	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.								@Rs.250.80 =	Rs.3,080.83
		Main wall -	1	2	2.550	x	2.400	12.240 m³			
		partition wall -	1	2	2.325	x	2.400	11.160 m³			
			1	1	1.812	x	2.400	8.698 m³			
			1	1	2.087	x	2.400	5.009 m³			
			1	1	1.260	x	2.400	3.024 m³			
			1	2	0.312	x	2.400	1.498 m³			
			1	4	0.250	x	2.400	2.400 m³			
			1	2	0.700	x	2.400	3.360 m³			
			1	2	0.200	x	2.400	0.960 m³			
		LESS DOORS, WINDOWS:-									
		Main Doors "D" -	-1	1	0.900	x	2.100	-1.890 m³			
		Bath & W.C. doors "D1" -	-1	1	0.750	x	2.100	-6.300 m³			
		Windows "W" -	-1	1	1.000	x	1.220	-1.220 m³			
		Ventilators "V1" -	-1	1	0.750	x	0.864	-2.592 m³			
		Total =						36.33 m³			
9.0	P-189 / It. 100(a)(iv)	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary (ground floor).								@Rs.1,038.00 =	Rs.37,731.30
		With 4:1 cement mortar									
		10 mm. thick plaster									
		Plinth -	2	1	6.702	x	0.450	6.032 m³			
		Steps tread -	2	1	3.346	x	0.450	3.011 m³			
		Steps riser -	1	4	4.425	x	0.250	4.425 m³			
		FLOOR -	1	3	4.425	x	0.150	1.991 m³			
			1	1	5.475	x	2.212	12.111 m³			
		Total =						27.570 m³			
		long wall -	2	2	3.475	x	2.400	52.560 m³		@Rs.166.80 =	Rs.4,598.68
		Short wall -	2	2	2.212	x	2.400	21.235 m³			
		partition wall -	2	1	2.087	x	2.400	10.018 m³			
			2	1	1.260	x	2.400	6.048 m³			
			2	2	0.312	x	2.400	2.995 m³			
			2	4	0.250	x	2.400	4.800 m³			
		Total =						97.656 m³			
		Total =						97.656 m³			

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
			2	2	0.700	2.400		6.720	m ³		
			2	2	0.200	2.400		1.920	m ³	B.F.	Rs.143,386.73
		CEILING -	1	1	5.475	2.212		12.111	m ³		
		ROOF TOP	1	1	6.375	3.112		19.839	m ³		
		horizontal beam -	3	2	6.375	0.200		7.650	m ³		
		vertical beam -	3	3	3.112	0.200		3.602	m ³		
		LESS:- Door and window openings - Doors "D" -	-1	1	0.900	2.100		-1.890	m ³		
		D1	-1	4	0.750	2.100		-6.300	m ³		
		Windows W -	-1	1	1.000	1.220		-1.220	m ³		
		Ventilators V1 -	-1	4	0.750	0.864		-2.592	m ³		
							Total =	139.496	m ³	@Rs.211.20 =	Rs.29,461.56
10.0	Pg192 It. 15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.									
		B.F. from item no. 9						167.066	m ³	@Rs.40.80 =	Rs.6,816.29
11.0	P-43 It. 40(a)(i)	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter-section, complete as per drawing and direction.									
		For works in foundation, basement and upto roof of ground floor/upto 4m.									
		For steel/mild steel									
		ii) JSW/SP/SHYAM/SRM/BMAS/LEETROSTEEL/SSL									
		R.C.C. WORKS:- FOUNDATION PORTION:-									
		Column footing -	1	6	0.900	0.900	0.200	0.972	m ³		
		Trapezoidal -	6 x 3	(0.9'x2	+ 0.2'x2	(0.90'x2	0.2'x2	0.72	m ³		
		Column below G.L. -	1	6	0.200	0.200	0.525	0.126	m ³		
		Tie beams -	1	2	2.550	0.200	0.204	0.204	m ³		
			1	2	2.575	0.200	0.200	0.186	m ³		
			1	3	1.812	0.200	0.200	0.217	m ³		
		PLINTH PORTION:-									
		Column from G.L. upto P.L.	1	46	0.200	0.200	0.450	0.108	m ³		
		GROUND FLOOR PORTION:-									
		Columns -	1	6	0.200	0.200	2.400	0.576	m ³		
		Beam - Horizontal -	1	2	6.375	0.200	0.200	0.510	m ³		
		Beam - Vertical -	1	3	3.112	0.200	0.200	0.373	m ³		
		Slab -	1	1	6.375	3.112	0.100	1.984	m ³		
							Total =	5.976	m ³		
		Using steel	1	%	on total R.C.C. work.			0.060	m ³		
								5.976			
		Wt. per 1 m ² of M.S. bar				7850.00		469.116	Kg		
							Total =	0.470	M.T.	@Rs.77,232.00 =	Rs.36,299.04
12.0	P-104 It. 13(c)	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg/eq.mtr and up to 16 Kg/eq. mtr.									
		Window W	1	1	1.000	1.220		1.220	m ³		
		W.I.	1	4	0.750	0.964		2.592	m ³		
							Total =	3.812	m ³	@Rs.12,343.20 =	Rs.7,529.35
13.0	P-114 It. 1(d)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding coat of concrete, iron Butt Hinges and M.S. clamps. (The quantum should be corrected upto three decimals).									
		Other local wood									
		Main door -								C.O.	Rs.223,492.97

Sl. No.	Pg.No. / It.No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		"D" Horizontal - Vertical -	1	1	0.900	0.100	0.075	0.007	m ³	B.F.	Rs.223,492.97
		Vertical -	2	1	0.100	0.075	2.100	0.032	m ³		
		"D" Horizontal - Vertical -	1	4	0.750	0.100	0.075	0.023	m ³		
		Vertical -	2	4	0.100	0.075	2.100	0.126	m ³		
		"W" Horizontal - Vertical -	2	1	1.000	0.100	0.075	0.013	m ³		
		Vertical -	2	1	0.100	0.075	1.220	0.018	m ³		
		"W" Horizontal - Vertical -	2	4	0.750	0.100	0.075	0.045	m ³		
		Vertical -	2	4	0.100	0.075	0.864	0.052	m ³		
		Total =						0.318	m ³	@Rs.43,562.40 =	Rs.13,832.64
14.0	P-119 /It-4(X)s	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg./sq.m. 3 mm. thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooded beads etc. will be paid separately, in ground floor.									
		40 mm. thick shutters									
		Other local wood									
		Windows -	1	1	1.000	1.220		1.220	m ²		
		Ventilator -	1	4	0.750	0.864		2.592	m ²		
		Total =						3.812	m ²	@Rs.2,234.40 =	Rs.8,517.53
15.0	P-117 /It-1(X)b	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings.									
		In ground floor									
		(In case of non-supply of single plank, panel rate of reduction of 20% will be made)									
		40 mm. thick shutters with 19 mm. thick panel									
		Champ, Hallak, Steu, Badam									
		Main doors -	1	1	0.900	2.100		1.890	m ²		
		Total =						1.890	m ²	@Rs.3,678.00 =	Rs.6,951.42
16.0	P-123 /It-10A(Gm)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor.									
		(For upper floors refer to item 95 also.)									
		Shutter with 25 mm. thick planks, 19 mm thick battens									
		Champ									
		W.C. Doors -	1	4	0.750	2.100		6.300	m ²		
		Total =						6.300	m ²	@Rs.3,228.00 =	Rs.20,336.40
17.0	P-200 /It-1(s)	a) Printing one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		1	1	1	1.000	1.220		1.220	m ²		
		1	1	4	0.750	0.864		2.592	m ²		
		Total =						3.812	m ²	@Rs.36.00 =	Rs.137.16
18.0	P-200 /It-1(b)	b) Printing one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		Main doors -	2	1	0.900	2.100		3.780	m ²		
		W.C. Doors -	2	4	0.750	2.100		12.600	m ²		
		door frame D -	1	1	0.900	0.250		0.225	m ²		
		2	1	1	0.250	2.100		1.050	m ²		
		W.C. Doors frame -	1	4	0.750	0.250		0.750	m ²		
		2	4	0.250	2.100		4.200	m ²			
		window frame W -	1	1	1.000	0.250		0.250	m ²		
		2	1	0.250	1.220		0.610	m ²			
		W1 -	1	4	0.750	0.250		0.750	m ²		
		2	4	0.250	0.864		1.728	m ²			
		Total =						23.940	m ²	@Rs.45.60 =	Rs.1,182.86
19.0	P-200 /It-2(A)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary ;(b) On steel or other metal surface : With super gloss (fin-gloss) - N) Two coats (with any shade except white)									
		B.F from SL No 18 of the estimate						25.940	m ²	@Rs.98.40 =	Rs.2,552.50
										C.O.	Rs.277,023.68

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Sl. No.	Pg.No. / It.No.	Description of Item	Sides	No/s	Length	Breadth	Height	Volume	Unit	Rate	Amount
20.0	P-200 It- (b) 2(A)(b)(v)	(b) On steel or other metal surface : With super gloss (hi-gloss) - v) Two coats (with any shade except white)								B.F.	Rs.277,923.68
21.0	P-197 It- 17(b)	B.F from SL no 17 of the estimate Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-In-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) b) Normal acrylic emulsion						3.810 m ²		@Rs.96.00 =	Rs.365.76
		wall exterior	1	x	2	x	5.475	x	2.400		26.280 m ²
			1	x	2	x	2.212	x	2.400		10.618 m ²
		slab extension-	1	x	2	x	0.312	x	2.400		1.498 m ²
			1	x	2	x	6.375	x	0.450		5.738 m ²
		less Windows -	1	x	2	x	3.112	x	0.450		2.801 m ²
		Ventilator -	1	x	1	x	1.000	x	1.220		-1.220 m ²
		Door -	1	x	4	x	0.750	x	0.864		-2.592 m ²
		W.C. Doors -	1	x	1	x	0.900	x	2.100		-1.890 m ²
			1	x	2	x	0.750	x	2.100		-3.150 m ²
		Total									36.080 m ²
22.0	P-196 It- 10	Acrylic Dettemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothening of surface. Two Coats								@Rs.81.60 =	Rs.3,107.33
		long wall -	1	x	2	x	5.475	x	2.400		26.280 m ²
		Short wall -	1	x	2	x	2.212	x	2.400		10.618 m ²
		partition wall -	2	x	1	x	2.087	x	2.400		10.018 m ²
			2	x	1	x	1.260	x	2.400		6.048 m ²
			1	x	1	x	1.182	x	2.400		2.837 m ²
			1	x	2	x	0.312	x	2.400		1.498 m ²
			2	x	2	x	0.700	x	2.400		6.720 m ²
			2	x	2	x	1.200	x	2.400		11.520 m ²
			2	x	1	x	0.312	x	2.400		1.498 m ²
			2	x	2	x	0.125	x	2.400		1.200 m ²
		CEILING -	1	x	1	x	5.475	x	2.212		12.111 m ²
		Less Door -	1	x	1	x	0.900	x	2.100		-1.890 m ²
		DI -	1	x	4	x	0.750	x	2.100		-6.300 m ²
		W -	1	x	1	x	1.000	x	1.220		-1.220 m ²
			1	x	4	x	0.750	x	0.864		-2.592 m ²
		Total									78.350 m ²
23.0	P-140 It- /15(vii)	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark, 100 mm x 58 mm x 1.90 mm								@Rs.85.20 =	Rs.6,675.42
		Main doors -	3	x	1						3,000 Each
		W.C. Doors -	3	x	4						12,000 Each
		Total									15,000 Each
		@Rs.56.40 =									Rs.846.00
24.0	P-141 It- /15(iv)	75 mm x 47 mm x 1.70 mm									
		Windows -	2	x	5						10,000 Each
		Total									10,000 Each
		@Rs.38.40 =									Rs.384.00
25.0	P-141 It- 7b	Iron socket bolt of approved quality fitted and fixed complete, 150 mm long x 12 mm dia. Bolt									
		Main doors -	2	x	1						2,000 Each
		W.C. Doors -	2	x	4						8,000 Each
		Windows -	2	x	5						10,000 Each
		Total									20,000 Each
		@Rs.76.80 =									Rs.1,536.00
26.0	P-141 It- 10c	Iron catch hook of approved quality fitted and fixed to shutter and chowkat 6 mm dia x 225 mm long, 300 mm long									
		Windows -	2	x	2						4,000 Each
		Total									4,000 Each
		@Rs.76.80 =									Rs.307.20
27.0	P-141 It- 10c	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia rod with centre bolt and round fitting									
		Main doors -	1	x	1						1,000 Each
		Total									1,000 Each
		@Rs.207.60 =									Rs.207.60
		C.O.									Rs.290,452.99

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Sl. No.	Pg.No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
	P-142 It. 11 (ii)	200 mm x 16 mm dia rod, 105 mm x 3 mm plate.								B.F.	Ra.290,452.99
		Main doors - 1 x 1						1,000 Each			
								1,000 Each		@Ra.139.20 =	Ra.139.20
		Total =									
28.0	P-147 It. 35 (i)	Iron door handle of approved quality fitted and fixed complete.									
		100mm x 5mm.									
		Main doors - 2 x 1						2,000 Each			
		W.C. Doors - 2 x 4						8,000 Each			
		Windows - 2 x 5						10,000 Each			
		Total =						20,000 Each		@Ra.49.20 =	Ra.984.00
29.0	P-79 It. (4)(i)	Supplying, fitting and fixing Orissa pattern water closet in white glazed vitreous chinaware of approved make supplied, fitted and fixed in position complete excluding 'P' or 'S' trap (excluding 530 mm X 410 mm)	1	x	4			4,000 Each			
		Total =						4,000 Each		@Ra.1,826.40 =	Ra.7,305.60
30.0	P-80 It. (6)(i)	Supplying, fitting and fixing Flat back urinal (half stall urinals) in white vitreous chinaware of approved make supplied, fitted and fixed in position with brass screws on 75 mm X 75 mm X 470 mm X 280 mm X 340 mm	1	x	2			2,000 Each			
		Total =						2,000 Each		@Ra.1,134.00 =	Ra.2,268.00
31.0	P-89 It. 3(v)	Construction of Septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (4:1) including two 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the top slab with necessary fittings. 19 mm thick cement plaster (4:1) with neat cement finish to the internal surfaces and 12 mm thick plaster (4:1) to outside wall upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavating earth in all sorts of soil, shoring, bailing and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tank with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 5% by weight of cement, complete in all respect as per direction of Engineer-in-Charge.(ii) 10 USERS B) With Bazree (N.B Variety) JSW/JSP/SHYAM/SRM/BMAS/LEETROSTEEL/SSL									
		1	x	1				1,000 Each		@Ra.46,948.80 =	Ra.46,948.80
		Total =						1,000 Each			
32.0	P-60 / It. 1(c)(u)s	Supplying, fitting & fixing Cast iron soil pipe only conforming to I.S. 3989/1970 and I.S. 1729/1964 with bobbins, male etc. including making holes in the wall, floor etc. and cutting (u)s With valanoid joints including sealing with sand cement mortar (4:1) upto quarter depth 100 mm dia. (internal)	1	x	1			43,000			
		Total =						20,000 f.m.			
		Total =						20,000 f.m.		@Ra.825.60 =	Ra.16,512.00
33.0	P-2 It. no	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, band, tee, union, cross, elbow, nipple, long screw, reducing socket, reducing tee, 15 mm dia medium quality	1	x	1			30,000			
		Total =						30,000 f.m.		@Ra.230.40 =	Ra.6,912.00
		Total =						30,000 f.m.			
34.0	(b)	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity	1	x	1			1,000			
		Total =						1,000 Each			
		Total =						1,000 Each		@Ra.6,153.60 =	Ra.6,153.60

Total =

GST @ 12% =

Cost of civil works excluding labour welfare cess =

Labour welfare cess @ 1% =

Cost of civil works including labour welfare cess =

Contingency Charge @ 3% =

Ra.377,676.19

Ra.45,321.14

Ra.422,997.33

Ra.4,229.97

Ra.427,227.30

Ra.12,689.92

6.11

Sl. No.	Pg No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
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Ruppes (Four Lakhs Thirty Nine Thousand Nine Hundred and Seventeen) Only

Total = Rs.439,917.22
Say Rs.439,917

W. Sin

[Signature]
Rabi Pradhan
Chairman
Kalimpong Municipality

Chairman
Kalimpong Municipality
Kalimpong

582
13.11.19

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13/11/19

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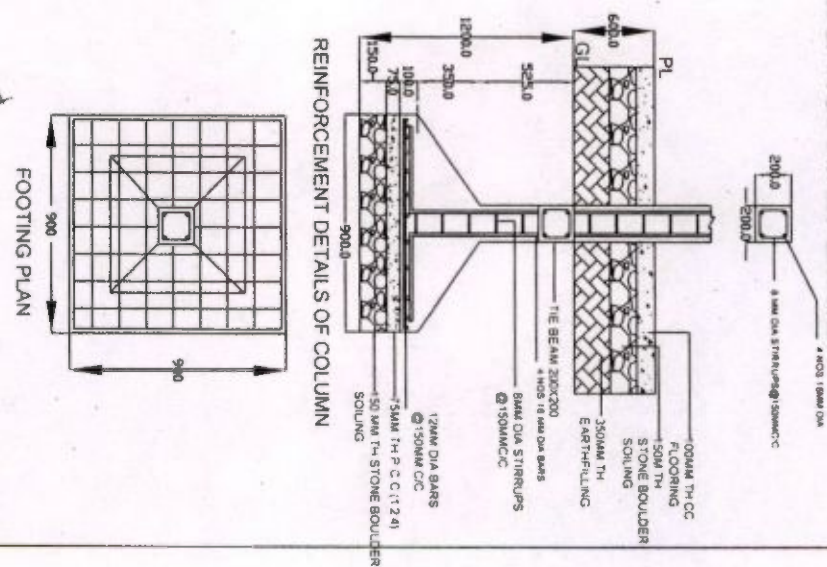
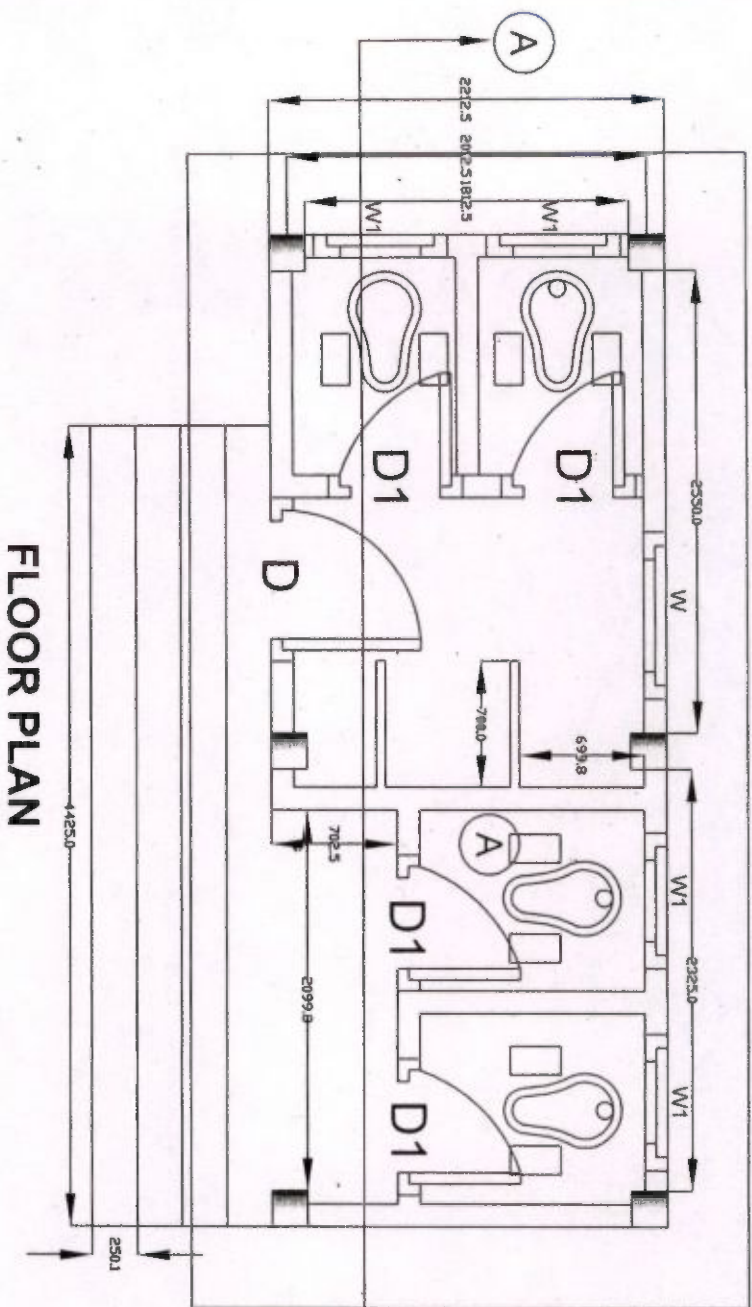
Sub Assistant Engineer
Kalimpong Municipality
S.A.E.

Kalimpong Municipality

Vtd
Anil
14/11/19

Office of the
District Engineer
West Bengal

"Construction of community toilet consisting of 2 gents latrines, 2 ladies latrines and 2 urinals near SAGAR MATHA SAMAJ , East Main Road within ward no. XXII under Kalimpong Municipality."



Ambarish

Self

Kalimpong Sub

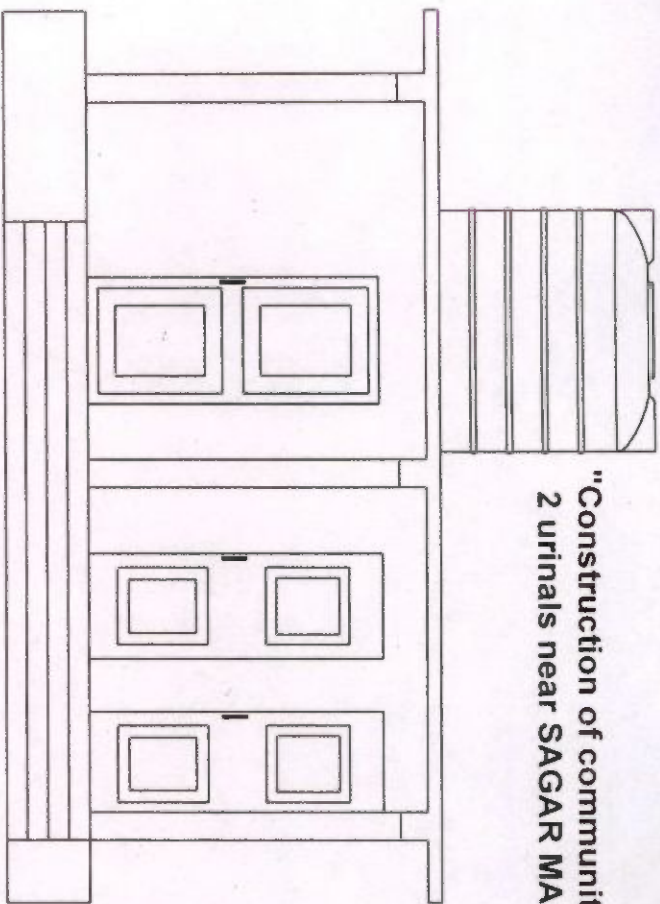
Self
13.11.13

Chairman
Kalimpong Municipality
Kalimpong

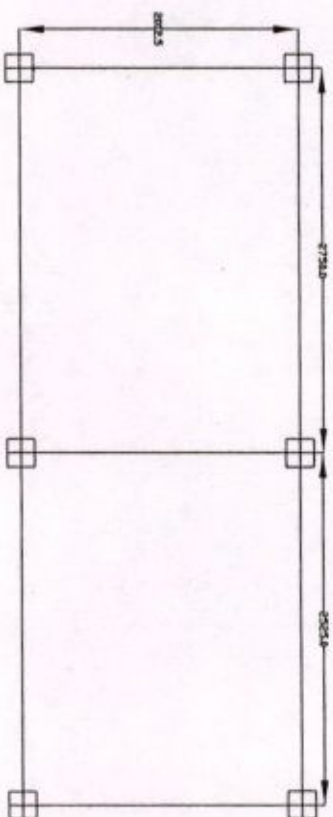
Samir Rai

SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

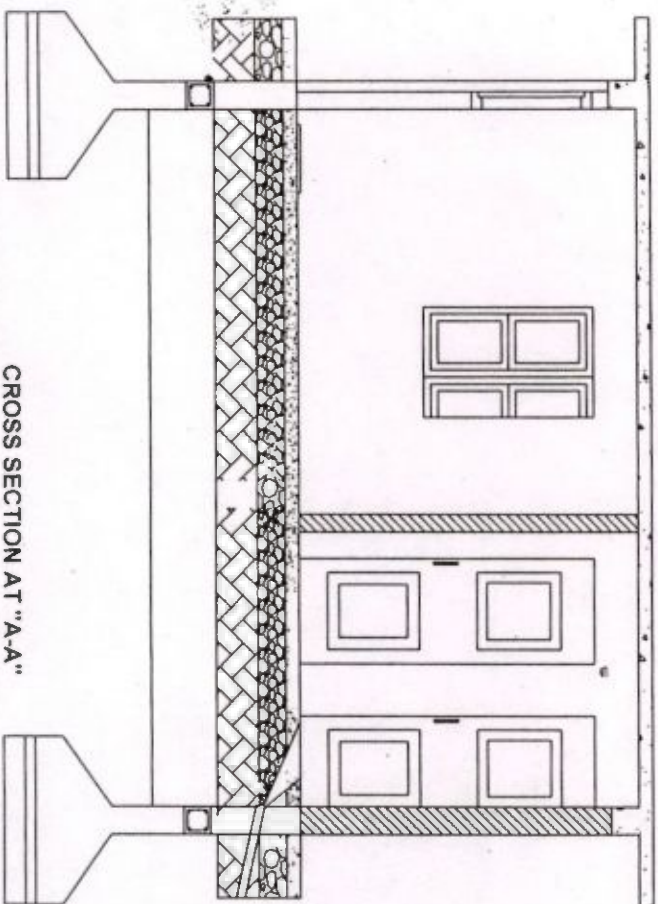
"Construction of community toilet consisting of 2 gents latrines, 2 ladies latrines and 2 urinals near SAGAR MATHA SAMAJ, East Main Road within ward no. XXII under Kalimpong Municipality."



FRONT ELEVATION



COLUMN LAYOUT



CROSS SECTION AT "A-A"

13.11.19

SCHEDULE FOR DOORS
AND WINDOWS
D = 900 X 2100
D1 = 750 X 2100
W = 1000 X 1220
W1 = 750 X 864
ALL DIMENSIONS ARE IN MM

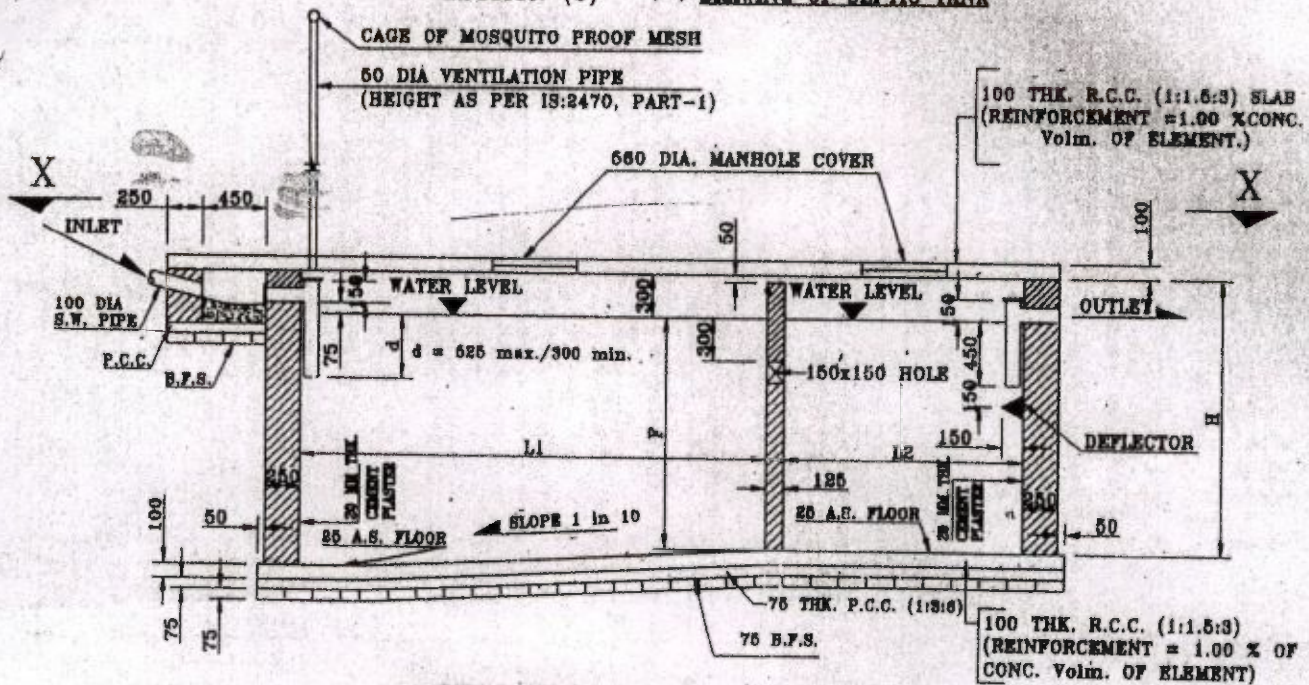
Am Dikar

Samridhi Rai

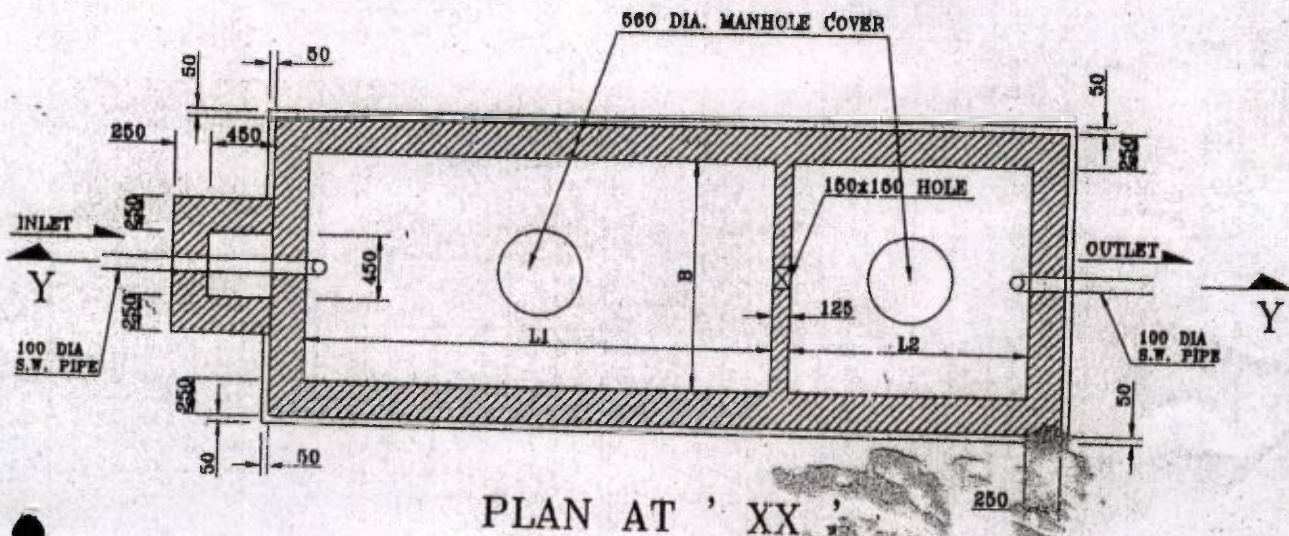
Chairman
Kalimpong Municipality
Kalimpong

SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

SECTION (C) - V :- DRAWING OF SEPTIC TANK



SECTION ON 'YY'



PLAN AT 'XX'

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

DETAILS OF SEPTIC TANK

SCALE :- 1 : 50

ALL DIMENSIONS ARE IN MM

Chairman
Kalimpong Municipality
Kalimpong

Sanmiti Rai
SDBA S.T. ENGINEER
KALIMPONG MUNICIPALITY

KALIMPONG MUNICIPALITY

Name of the Work : "Construction of Community Toilet (3 nos of male latrines, 3 no of Urinal and 3 no of female latrines) at MELA GROUND within Ward No XII Under Kalimpong Municipality".

Sl. No.	Pg.No. / It.No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount				
PWD/MB, "BUILDING WORKS (effective from 1.1.2017). Dressing except plinth of alligut Sub-Div															
1.0	P-1 / It-2(a)	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. Depth of excavation not exceeding 1500 mm.													
		Columns -	1	X	9	X	0.900	X	0.900	X	1.200	=	8.748 m³		
		Tie beams -	1	X	3	X	5.500	X	0.200	X	0.200	=	0.660 m³		
			1	X	3	X	3.250	X	0.200	X	0.200	=	0.390 m³		
											Total	=	9.798 m³	@Rs.119.27 =	Rs.1,168.61
2.0	P-1 / It-3(a)	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm, including watering and ramming etc. layer by layer complete (payment to be made on the basis of measurement of finished quantity of work)													
		With earth obtained from excavation of foundation													
		Columns -	1	X	9	X	0.900	X	0.900	X	0.750	=	5.468 m³	@Rs.77.54 =	Rs.423.99
											Total	=	5.468 m³		
3.0	P-229 / It-12	Supplying & laying 150 mm. to 200 mm. boulder soiling including rough dressing hand packing and ramming down small pieces in the interstices including rolling and preparing the bed to proper level and filling up all joints with sandy clay or earth.													
		Columns footing -	1	X	9	X	0.900	X	0.900	X		=	7.290 m³		
		Tie beams -	1	X	3	X	5.500	X	0.200	X		=	3.300 m³		
			1	X	3	X	3.250	X	0.200	X		=	1.950 m³		
		plinth protection-	1	X	2	X	5.500	X	0.450	X		=	4.950 m³		
			1	X	2	X	3.250	X	0.450	X		=	2.925 m³		
		front steps-	1	X	5	X	3.600	X	0.250	X		=	4.500 m³		
			1	X	6	X	3.600	X	0.150	X		=	3.240 m³	@Rs.240.80 =	Rs.6,779.72
											Total	=	28.155 m³		
4.0	P-24 / It-4, b	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes.													
		River bazzies													
		Column footings mat concrete -	1	X	9	X	0.900	X	0.900	X	0.075	=	0.547 m³		
		Tie beams base -	1	X	3	X	5.500	X	0.200	X	0.075	=	0.248 m³		
			1	X	3	X	3.250	X	0.200	X	0.076	=	0.148 m³		
		flooring-	1	X	1	X	5.500	X	3.250	X	0.100	=	1.788 m³		
		Steps tread	1	X	5	X	3.600	X	0.250	X	0.075	=	0.338 m³		
		rise	1	X	6	X	3.600	X	0.075	X	0.150	=	0.243 m³		
		above tie beam up to plinth(horizontal)	1	X	3	X	5.500	X	0.200	X	0.400	=	1.320 m³		
		above tie beam up to plinth(vertical)	1	X	3	X	3.250	X	0.200	X	0.400	=	0.780 m³		
											Total	=	5.412 m³	@Rs.6,370.80 =	Rs.34,478.77
5.0	P-26 / It-10(ii)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.													
		Corrend (i) Pakur Variety													
		FOUNDATION PORTION:-													
		Column footings -	1	X	9	X	0.900	X	0.900	X	0.100	=	0.729 m³		
		Trapezoidal -	9	X	3	X	0.900	X	0.900	X	0.100	=	1.08 m³	C.O.Rs.	Rs.42,851.09
		Columns below G.L. -	1	X	9	X	0.200	X	0.200	X	0.525	=	0.189 m³		
		Tie beams -	1	X	3	X	5.500	X	0.200	X	0.200	=	0.660 m³		

Sl. No.	Pg. No. / It. No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		PLINTH PORTION:-	1	3	3.250	0.200	0.200	0.390	m ³		
		Columns from G.L. upto P.L.	1	6	0.200	0.200	0.600	0.144	m ³	B.F.Rs.	Rs.42,851.09
		GROUND FLOOR PORTION:-									
		Columns -	1	9	0.200	0.200	2.400	0.864	m ³		
		Beam - Horizontal -	1	3	6.400	0.200	0.200	0.768	m ³		
		Beam - Vertical -	1	3	4.150	0.200	0.200	0.498	m ³		
		Slab -	1	1	6.400	4.150	0.100	2.656	m ³		
								7.978	m ³	@Rs.8,263.67 =	Rs.65,927.56
6.0		p-42 /ft-36(a) Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, joints curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-in-Charge.									
		GROUND FLOOR PORTION:-									
		Columns -	4	9	0.200	2.400		17.280	m ³		
		Beam - Horizontal -	2	3	6.400	0.200		7.680	m ³		
			1	3	6.400	0.200		3.840	m ³		
		Beam - Vertical -	2	3	4.150	0.200		4.980	m ³		
			1	3	4.150	0.200		2.490	m ³		
		Slab -	1	1	6.400	4.150		26.560	m ³		
		SLAB EDGING -	2	1	6.400	0.100		1.280	m ³		
			2	1	4.150	0.100		0.830	m ³		
		Steps rise -	1	6	3.600	0.150		3.240	m ³		
								68.180	m ³	@Rs.400.80 =	Rs.27,326.54
7.0		p-42 /ft-36(f) 25 mm to 30 mm shuttering without staging in foundation									
		Column footings -	4	9	0.900	0.150		4.860	m ³		
		Columns from G.L. upto P.L.	4	9	0.200	0.600		4.320	m ³		
		Columns below G.L. -	4	9	0.200	0.525		3.780	m ³		
		Tie beams -	2	3	5.500	0.200		6.600	m ³		
			2	3	3.250	0.200		3.900	m ³		
								23.460	m ³	@Rs.250.80 =	Rs.5,883.77
8.0		p-16 /ft-16 (3rd Contidend a dt 04.06.20 18 sl no. 8 pg 3 of 96 125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.									
		Main wall	1	2	5.500	2.400		26.400	m ³		
		partition wall-	1	5	3.250	2.400		39.000	m ³		
			1	4	1.200	2.400		11.520	m ³		
			1	3	0.700	2.100		4.410	m ³		
			1	2	1.000	2.400		4.800	m ³		
		LESS DOORS, WINDOWS:-									
		Main Doors "D" -	-1	2	0.900	2.100		-3.780	m ³		
		Bath & W.C. doors "D1" -	-1	6	0.750	2.100		-9.450	m ³		
		Windows "W" -	-1	2	0.900	1.200		-2.160	m ³		
		Ventilators "W1" -	-1	6	0.500	0.900		-2.700	m ³		
								68.04	m ³	@Rs.1,038.00 =	Rs.70,625.52
										CO-	Rs.212,614.48

[illegible]

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		W1	1	x 6	x 0.500	x 0.900		2.700 m ³			
								4.880 m ³		B.F.Rs.	Rs.314,282.30
								0.778 m ³	Qnd	@Rs.12,343.20 =	Rs.9,603.01
12.0	P-114 /It- 1(d)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be carried upto three decimals).									
		Other local wood									
		Main door -									
		"D" Horizontal -	1	x 2	x 0.900	x 0.100	x 0.075	0.014 m ³			
		Vertical -	2	x 2	x 0.100	x 0.075	x 2.100	0.063 m ³			
		"D1" Horizontal -	1	x 6	x 0.750	x 0.100	x 0.075	0.034 m ³			
		Vertical -	2	x 6	x 0.100	x 0.075	x 2.100	0.189 m ³			
		Windows -									
		"W" Horizontal -	2	x 2	x 0.900	x 0.100	x 0.075	0.027 m ³			
		Vertical -	2	x 2	x 0.100	x 0.075	x 1.200	0.036 m ³			
		Ventilators -									
		"W1" Horizontal -	2	x 6	x 0.500	x 0.100	x 0.075	0.045 m ³			
		Vertical -	2	x 6	x 0.100	x 0.075	x 0.900	0.081 m ³			
								0.489 m ³		@Rs.43,562.40 =	Rs.21,302.01
13.0	P-119 /It- 4(i)(a)	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg./sq.m., 3 mm. thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooden beads etc. will be paid separately. In ground floor.									
		40 mm. thick shutters									
		Other local wood									
		Windows -	1	x 2	x 0.900	x 1.200		2.160 m ³			
		Ventilator W1 -	1	x 6	x 0.500	x 0.900		2.700 m ³			
						"A"		4.860 m ³		@Rs.2,234.40 =	Rs.10,859.18
14.0	P-117 /It- 1(ii)(b)	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings. In ground floor.									
		(In case of non-supply of single plank, panel rate of reduction of 20% will be made)									
		40 mm. thick shutters with 19 mm. thick panel									
		Champ, Hallak, Sisu, Badam									
		Main doors -	1	x 2	x 0.900	x 2.100		3.780 m ³			
								3.780 m ³		@Rs.3,678.00 =	Rs.13,902.84
15.0	P-123 /It- 10A(iii)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor.									
		(For upper floors refer to item 95 also.)									
		Shutter with 25 mm. thick planks, 19 mm thick battens									
		Champ									
		W.C. Doors -	1	x 6	x 0.750	x 2.100		9.450 m ³		@Rs.3,228.00 =	Rs.30,504.60
								9.450 m ³		C.O.	Rs.400,453.94

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
16.0	P-200 /It-1(a)	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.									
		W/-	1	2	0.900	2.100		2.160 m ²			
		W1-	1	6	0.500	0.900		2.700 m ²		B.F.	Rs.400.453.94
		Total						4.860 m ²		@Rs.36.00 =	Rs.174.96
17.0	P-200 /It-1(b)	(b) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.									
		Main doors -	2	2	0.900	2.100		7.560 m ²			
		W.C. Doors -	2	6	0.750	2.100		18.900 m ²			
		door frame D-	1	2	0.900	0.250		0.450 m ²			
			2	2	0.250	2.100		2.100 m ²			
		W.C. Doors frame-	1	6	0.750	0.250		1.125 m ²			
			2	6	0.250	2.100		6.300 m ²			
		window frame W-	2	2	0.900	0.250		0.900 m ²			
			2	2	0.250	1.200		1.200 m ²			
		W1-	2	6	0.500	0.250		1.500 m ²			
			2	6	0.250	0.900		2.700 m ²			
		Total						42.735 m ²		@Rs.45.60 =	Rs.1,948.72
18.0	P-200 /It-2(A)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary (a) On timber or plastered surface : With super gloss (th-gloss) (iv) Two coats (with any shade except white)									
		B.F from Sl. No 18 of the estimate						42.735 m ²		@Rs.98.40 =	Rs.4,205.12
19.0	P-200 /It-2(A)(b)(i)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary (b) On steel or other metal surface : With super gloss (th-gloss) - (iv) Two coats (with any shade except white)									
		B.F from Sl. no 17 of the estimate						4.860 m ²		@Rs.96.00 =	Rs.466.56
	P-197 /It-17(b)	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) b) Normal acrylic emulsion									
20.0		wall exterior-	1	2	5.750	2.400		27.600 m ²			
		slab extension-	1	2	3.650	2.400		17.520 m ²			
			1	2	6.400	0.450		5.760 m ²			
			1	2	4.150	0.450		3.735 m ²			
		less Windows -	1	2	0.900	1.200		-2.160 m ²			
		Ventilator -	1	6	0.500	0.900		-2.700 m ²			
		door-	1	2	0.900	2.100		-3.780 m ²		C.O.	Rs.407,249.30

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Sl. No.	Pg.No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
21.0	P-196, It-10	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats						45,980	m ²	B.F. @Rs.81.60 =	Rs.407,249.30 Rs.3,751.97
		long wall -	2	x	1	x	5.500	26,400	m ²		
		partition wall-	2	x	6	x	1.200	2,400	m ²		
		partition wall-	2	x	3	x	0.700	2,100	m ²		
		short wall	2	x	4	x	3.250	2,400	m ²		
		CEILING -	1	x	1	x	6.400	4,150	m ²		
		Less Door	-1	x	2	x	0.900	2,100	m ²		
		D1	-1	x	6	x	0.750	2,100	m ²		
		W	-1	x	2	x	0.900	1,200	m ²		
			-1	x	6	x	0.500	0,900	m ²		
		Total						140,650	m ²	@Rs.85.20 =	Rs.11,983.38
22.0	P-140	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.									
	/It5(vii)	100 mm x 58 mm x 1.90 mm									
		Main doors -	3	x	2			6,000	Each		
		W.C. Doors -	3	x	6			18,000	Each		
		Total						24,000	Each	@Rs.56.40 =	Rs.1,353.60
	P-140	75 mm x 47 mm x 1.70 mm									
	/It5(iv)										
		Windows -	6	x	2			12,000	Each		
		Total						12,000	Each	@Rs.38.40 =	Rs.460.80
23.0	P-141 It-8c	Iron socket bolt of approved quality fitted and fixed complete.									
		150 mm long x 12 mm dia. bolt									
		Main doors -	2	x	2			4,000	Each		
		W.C. Doors -	2	x	6			12,000	Each		
		Windows -	2	x	6			12,000	Each		
		Total						28,000	Each	@Rs.76.80 =	Rs.2,150.40
24.0	P-141 It-7b	Iron catch hook of approved quality fitted and fixed to shutter and chowkat									
		6 mm dia x 225 mm long									
		Windows -	2	x	2			4,000	Each		
		Total						4,000	Each	@Rs.76.80 =	Rs.307.20
25.0	P-141 It-10c	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia rod with centre bolt and round fitting.									
		300 mm long									
		Main doors -	1	x	2			2,000	Each		
		Total						2,000	Each	@Rs.207.60 =	Rs.415.20
26.0	P-142 It-11 (ii)	Iron pad bolt (lock) of approved quality rod and handle single cast.									
		200 mm x 16 mm dia rod, 105 mm x 3 mm plate									
		Main doors -	1	x	2			2,000	Each	@Rs.139.20 =	Rs.278.40
		Total						2,000	Each	C.O.-	Rs.427,950.25

421

34,486.45

15,122.73

1,000	Each	Total =
@Rs.6,153.60 =	Rs.6,153.60	Rs.594,817.75
		Rs.71,378.06
GST @ 12% =		Rs.666,195.19
Cost of civil works excluding labour welfare cess =		Rs.6,436.86
Labour welfare cess @ 1% =		Rs.6,436.86
Cost of civil works including labour welfare cess =		Rs.6,785.714
Contingency Charge @ 3% =		Rs.49,985.86
Total =		Rs.692,843.00
Say		Rs.692,843

Gamaliel Bailey

SENIOR GGI
SUB-ASST. ENGINEER
KALIMPONG MUNICIPALITY

Christina
Kallipour-Hanley

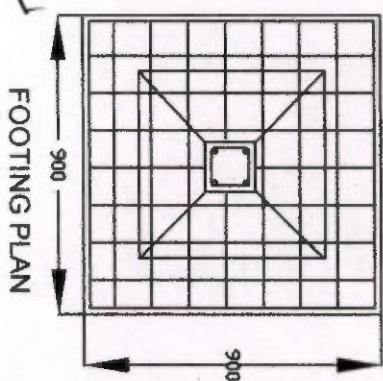
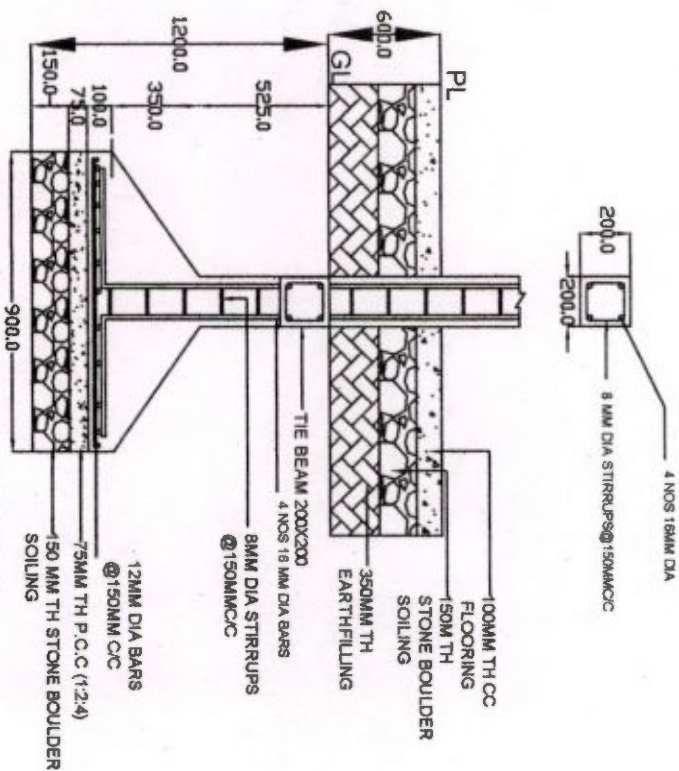
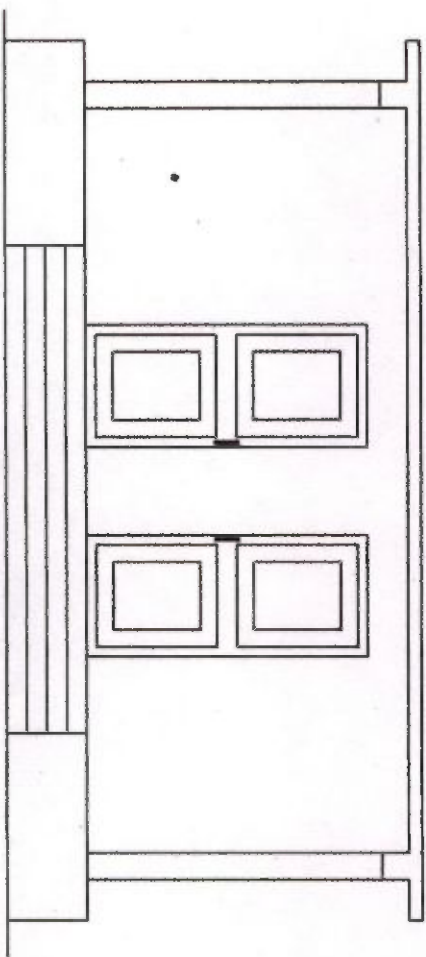
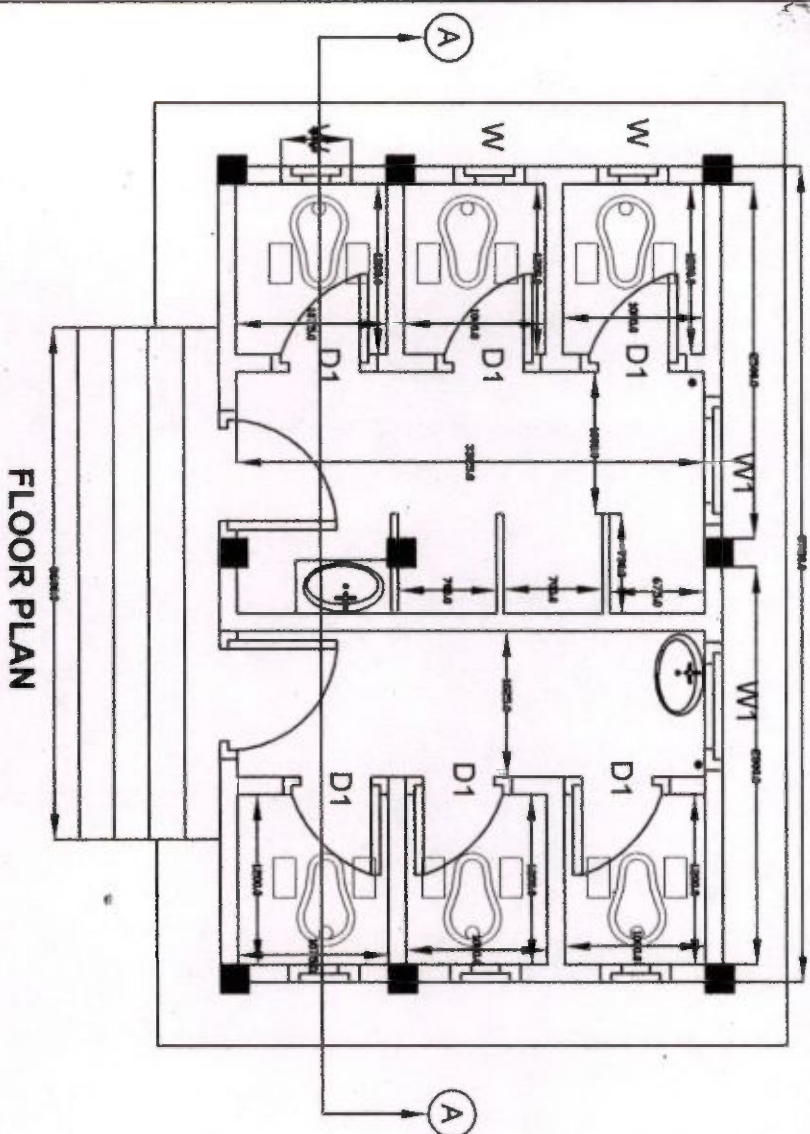
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Construction Of Community Toilet(3 gents latrines , 3 urinal and 3 ladies latrines)
At MELA GROUND Within Ward No. XII Under Kalimpong Municipality".



13.11.19

Subinjit Kumar, Engineer
Govt. Civil Engineering College
Kalimpong

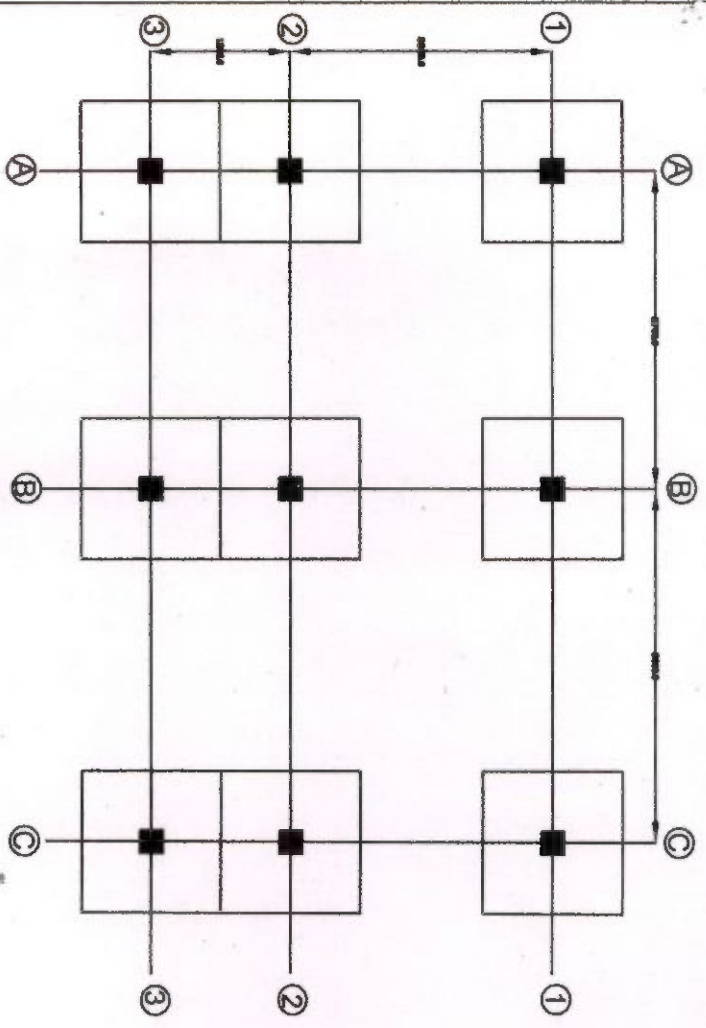
Charanjit Singh
Kalimpong Municipality
Kalimpong

Saurabh Kumar

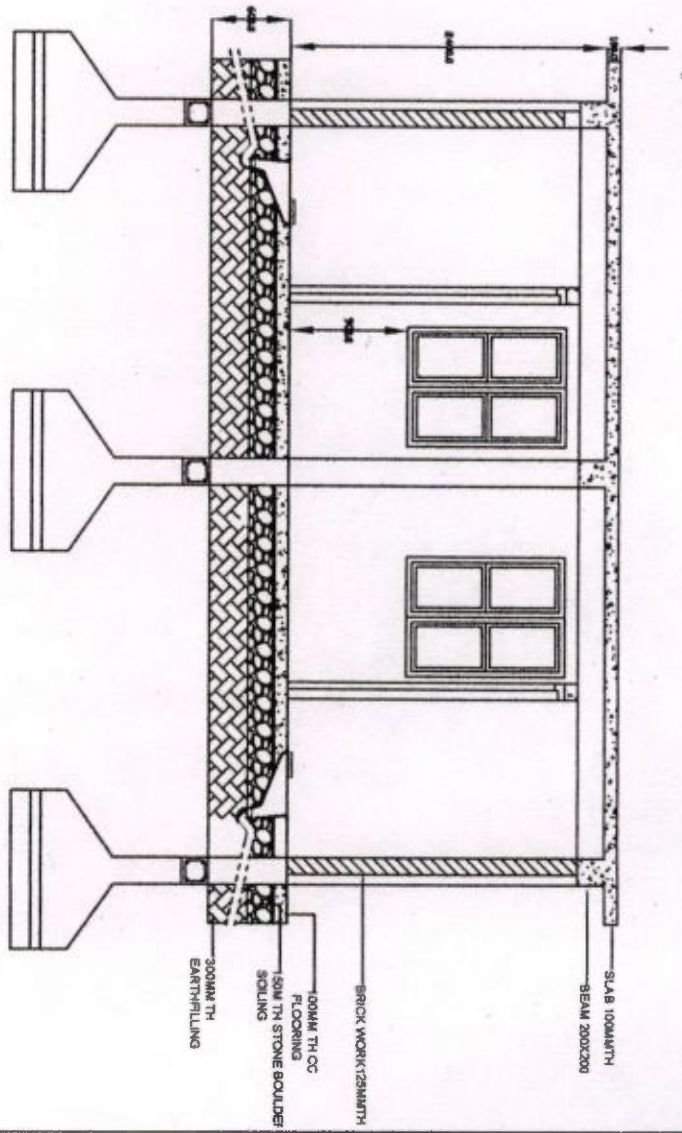
14/11/2019

Subinjit Kumar, Engineer
Govt. Civil Engineering College
Kalimpong

Construction Of Community Toilet(3 gents latrines , 3 urinal and 3 ladies latrines)
 At MELA GROUND Within Ward No. XII Under Kalimpong Municipality".



COLUMN LAYOUT



CROSS SECTION

13.11.17

13.11.17

[Signature]
 Chairman
 Kalimpong Municipality

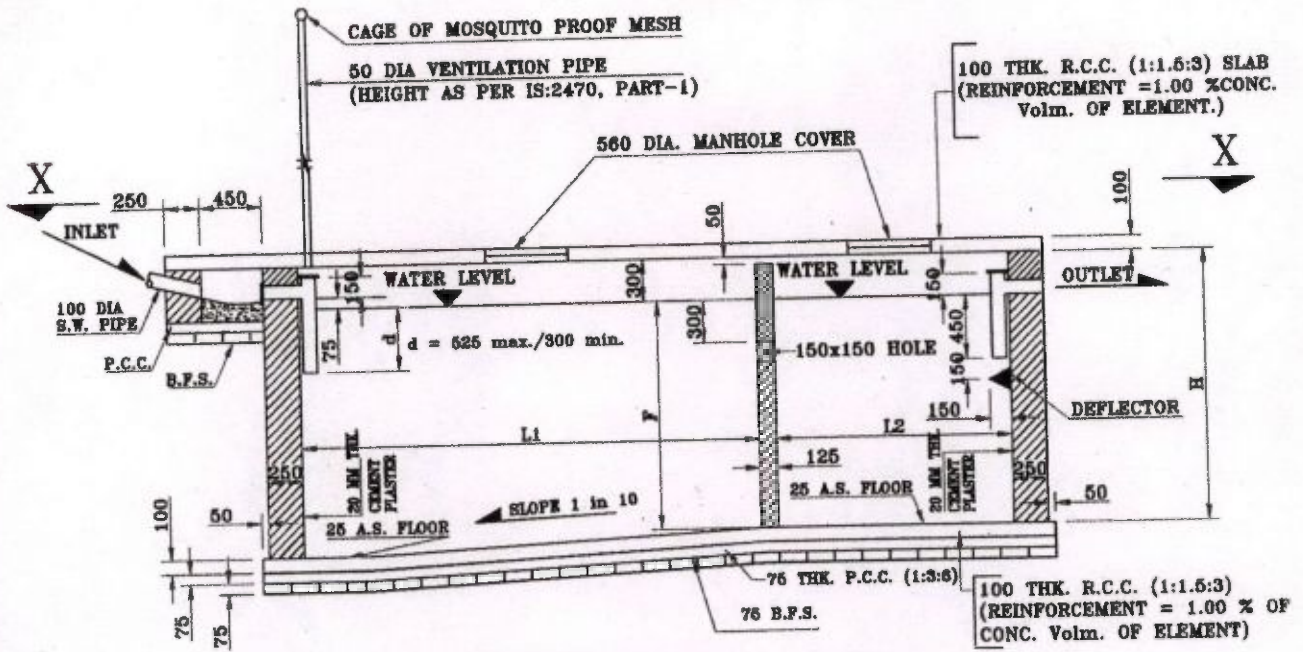
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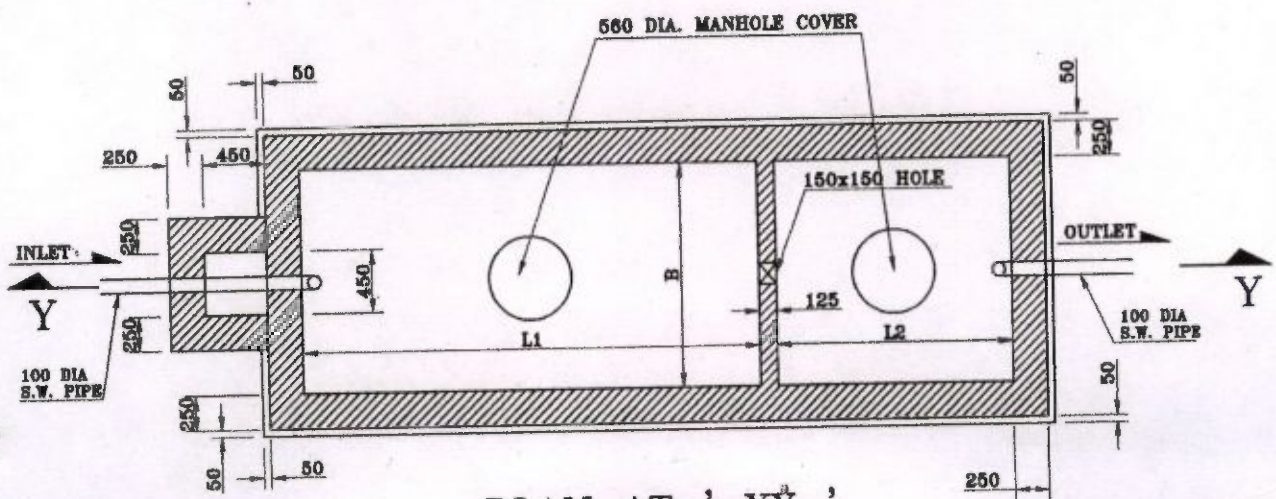
Sanitary Engineer
 S172, P.O. Box 1, JAMNAB
 KALIMPONG MUNICIPALITY

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SECTION (C) - V :-DRAWING OF SEPTIC TANK



SECTION ON ' YY ' ,



PLAN AT ' XX ' ,

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

DETAILS OF SEPTIC TANK

SCALE :- 1 : 50

ALL DIMENSIONS ARE IN MM

[Signature]
Chairman
Kalimpong Municipality
Kalimpong

M. Rai

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of 315

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		PLINTH PORTION:-	1	2	1.450	0.200	0.200	0.116	m ³		
		Columns from G.L. upto P.L.	1	6	0.200	0.200	0.600	0.144	m ³		
		GROUND FLOOR PORTION:-									
		Columns -	1	4	0.200	0.200	2.400	0.384	m ³	B.F.	Rs.17,832.01
		Beam - Horizontal -	1	2	4.250	0.200	0.200	0.340	m ³		
		Beam - Vertical -	1	2	1.900	0.200	0.200	0.152	m ³		
		Slab -	1	1	4.250	1.900	0.100	0.808	m ³		
		Total						3.136	m ³	@Rs.8,263.67 =	Rs.25,914.87
6.0		p-42 /ft- 36(s) Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood plants of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)									
		GROUND FLOOR PORTION:-									
		Columns -	4	4	0.200	2.400		7.680	m ³		
		Beam - Horizontal -	2	2	4.250	0.200		3.400	m ³		
		Beam - Vertical -	1	2	4.250	0.200		1.700	m ³		
		Slab -	2	3	1.900	0.200		1.520	m ³		
		Slab -	1	1	1.900	0.200		1.140	m ³		
		SLAB EDGING -	2	1	4.250	0.100		0.850	m ³		
		Steps rise -	2	1	1.900	0.100		0.380	m ³		
		Total						27.295	m ³	@Rs.400.80 =	Rs.10,939.84
7.0		p-42 /ft- 36(s) 25 mm to 30 mm shuttering without staging in foundation									
		Column footings -	4	4	0.900	0.100		1.440	m ³		
		Columns from G.L. upto P.L.	4	4	0.200	0.525		1.920	m ³		
		Columns below G.L.	4	4	0.200	0.200		1.680	m ³		
		Tie beams -	2	2	3.800	0.200		3.040	m ³		
		Total						1.160	m ³		
8.0		p-16 /ft- 16 (3rd) 125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.									
		Main wall	1	2	3.550	2.400		17.040	m ³	@Rs.250.80 =	Rs.2,317.39
		Partition wall	1	2	1.200	2.400		5.760	m ³		
		LESS DOORS, WINDOWS -	1	2	1.200	2.400		5.760	m ³		
		Bath & W.C. doors "D1" -	-1	3	0.750	2.100		-4.725	m ³		
		Ventilators "V1" -	-1	3	0.500	0.900		-1.350	m ³		
		Total						22.49	m ³	@Rs.1,038.00 =	Rs.23,344.62
9.0		Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, mousing and drip course where necessary (ground floor). [Excluding cost of chipping over concrete surface].									
		With 4:1 cement mortar									
		p-189 /ft- 15 mm. thick plaster									
		long wall -	2	2	3.550	2.400		34.080	m ³		
		partition wall -	2	2	1.200	2.400		11.520	m ³		
		CEILING -	1	2	4.250	1.900		16.150	m ³		
		horizontal beam -	3	2	4.250	0.200		5.100	m ³	CO.	Rs.80,348.73
		vertical beam -	3	2	1.900	0.200		2.280	m ³		

Sl. No.	Pg. No. / It. No.	Description of Item.	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
96		LESS :- D.I. Ventilators W.I. -		3	0.750	2.100		-4.725 m ³		B.F.	Rs.80,348.73
				3	0.500	0.900		-1.350 m ³			
							Total =	63.06 m ³		@Rs.211.20 =	Rs.13,318.27
		P-189 /It- 10 mm. thick plaster									
		Corriand									
		Plinth Protection -	2	1	3.800	0.300		2.280 m ³			
		Steps tread -	2	1	1.200	0.300		0.720 m ³			
		Steps riser -	1	4	3.400	0.250		3.400 m ³			
			1	5	3.400	0.150		2.550 m ³			
10.0	Pg.192 It- 15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.						8.950 m ³		@Rs.166.80 =	Rs.1,492.86
		B.F. from item no. 9									
11.0	P-43 /It- 40(xV)	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter-section, complete as per drawing and direction.									
		foundation, basement and upto roof of ground floor/upto 4m. For steel/Mild steel									
		II (Shyam steel) JSW/JSR/SHYAM/SLM/BMASL/ELCROSTEEL/SSL)									
		Using steel	1	%	on total R.C.C. work			3.136 m ³			
		Wt. per I			7850.00			243350 Kg.		@Rs.40.80 =	Rs.2,938.01
							Total =	0.240 M.T.			
12.0	P-104 /It- 13(I)	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Fats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (I) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.									
		W.I.	1	3	0.500	0.900		1.350 m ³			
							Total =	1.350 m ³		@Rs.12,343.20 =	Rs.2,666.13
13.0	P-114 /It- 1(d)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding coat of concrete, Iron Butt Hinges and M.S. clamps. (The quantum should be corrected upto three decimals).									
		Other local wood									
		Main door -									
		"D.I." Horizontal -	1	3	0.750	0.100		0.075 m ³			
		Vertical -	2	3	0.100	0.075		0.095 m ³			
		Windows -									
		Ventilators -									
		"W.I." Horizontal -	2	3	0.500	0.100		0.075 m ³			
		Vertical -	2	3	0.100	0.075		0.041 m ³			
							Total =	0.176 m ³		@Rs.43,562.40 =	Rs.7,666.98
										C.O.	Rs.128,747.65

Sl. No.	Pg. No. / Lt. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
14.0	P-119 /lt- 4(Xa)	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg./sq.m., 3 mm. thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooded beads etc. will be paid separately. In ground floor.									
		40 mm. thick shutters									
		Other local wood									
		Ventilator W1 -	1	X	3	X	0.500	X	0.900		
										B.F.	Rs.128,747.65
										Total =	1.350 m ²
										@Rs.2,234.40 =	Rs.3,016.44
15.0	P-123 /lt- 10A(iii)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor. (For upper floors refer to item 96 also.) Shutter with 25 mm. thick planks, 19 mm thick battens Champ									
		W.C. Doors -	1	X	3	X	0.750	X	2.100		
										Total =	4.725 m ²
										@Rs.3,228.00 =	Rs.15,252.30
16.0	P-200 /lt- 1(a)	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		W1 -	1	X	3	X	0.500	X	0.900		
										Total =	1.350 m ²
										@Rs.36.00 =	Rs.48.60
17.0	P-200 /lt- 1(b)	(b) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		W.C. Doors -	2	X	3	X	0.750	X	2.100		
		W.C. Doors frame -	1	X	3	X	0.750	X	0.250		
			2	X	3	X	0.250	X	2.100		
		W1 -	2	X	3	X	0.500	X	0.250		
			2	X	3	X	0.250	X	0.900		
										Total =	1.350 m ²
										@Rs.45.60 =	Rs.695.86
18.0	P-200 /lt- 2(A)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (a) On timber or plastered surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white)									
		B.F from SL No 18 of the estimate								15.260 m ²	
										@Rs.98.40 =	Rs.1,501.58
19.0	P-200 /lt- 2(A)(b)(i)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (b) On steel or other metal surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white)									
		B.F from SL no 17 of the estimate								1.350 m ²	
										@Rs.96.00 =	Rs.129.60
										C.O.	Rs.149,392.03

Sl. No.	Pg.No. / It.No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
17(b)	P-197/lt-	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer.									
20.0		In Ground floor (Two Coat) b) Normal acrylic emulsion									
		wall exterior-	1	x	2	x	3.800	x	2.400		18.240 m ²
		slab extension-	1	x	2	x	1.450	x	2.400		6.960 m ²
			1	x	2	x	4.250	x	0.450		3.825 m ²
		Ventilator -	1	x	2	x	1.900	x	0.450		1.710 m ²
		door-	-1	x	3	x	0.500	x	0.900		-1.350 m ²
			-1	x	3	x	0.750	x	2.100		-4.725 m ²
		Total									24.660 m ²
21.0	P-196/lt-	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface.								@Rs.81.60 =	Rs.2,012.26
10		Two Coats									
		long wall -	2	x	1	x	5.500	x	2.400		26.400 m ²
		partition wall-	2	x	2	x	1.200	x	2.400		11.520 m ²
		CEILING -	1	x	1	x	4.250	x	1.900		8.075 m ²
		Less Door -	-1	x	3	x	0.750	x	2.100		-4.725 m ²
		Window-	-1	x	3	x	0.500	x	0.900		-1.350 m ²
		Total									39.920 m ²
22.0	P-140	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.								@Rs.85.20 =	Rs.3,401.18
	/ft5(vit)										
	P-140	75 mm x 47 mm x 1.70 mm									
	/ft5(iv)										
		Windows -	2	x	3						6,000 Each
		Total								@Rs.38.40 =	Rs.230.40
23.0	P-141 lt-	Iron socket bolt of approved quality fitted and fixed complete.									
	8c	150 mm long x 12 mm dia. bolt									
		W.C. Doors -	2	x	3						6,000 Each
		Total								@Rs.76.80 =	Rs.460.80
24.0	P-141 lt-	Iron catch hook of approved quality fitted and fixed to shutter and chowkhat.									
	7b	6 mm dia x 225 mm long									
		Windows -	1	x	3						3,000 Each
		Total								@Rs.76.80 =	Rs.230.40
25.0	P-147 lt-	Iron door handle of approved quality fitted and fixed complete.									
	35 (i)	100mm x 5mm									
		W.C. Doors -	2	x	3						6,000 Each
		Windows -	2	x	3						6,000 Each
		Total								@Rs.49.20 =	Rs.590.40
										C.O.	Rs.156,317.47

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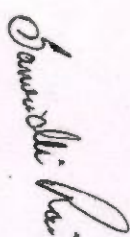
Sl. No.	Pg.No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
			1	x	1	x	20,000				
								20,000 c.m.		B.F.	Rs.186,147.10
								20,000 c.m.		@Rs.825.60	Rs.16,512.00
										Total =	Rs.202,659.10

(Rupees - Two lakhs - Twenty seven thousand - two hundred and sixty - Six only)

RUPEES TWO LAKHS THIRTY SIX THOUSAND AND SIXTY SEVEN ONLY

Total = Rs.202,659.10
GST @ 12% = Rs.24,319.09
Cost of civil works excluding labour welfare cess = Rs.226,978.19
Labour welfare cess @ 1% = Rs.2269.78
Cost of civil works including labour welfare cess = Rs.229,247.97
Contingency Charge @ 3% = Rs.6,809.35
Total = Rs.236,057.32
Say Rs.236,057 2,27,266.39
2,27,266.00


Chairman
Kalimpong Municipality
Kalimpong

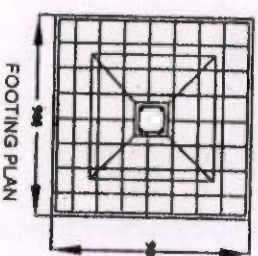
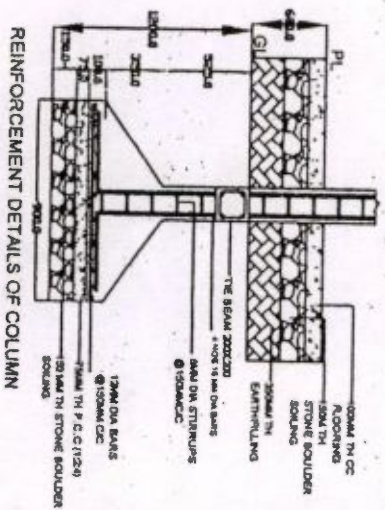
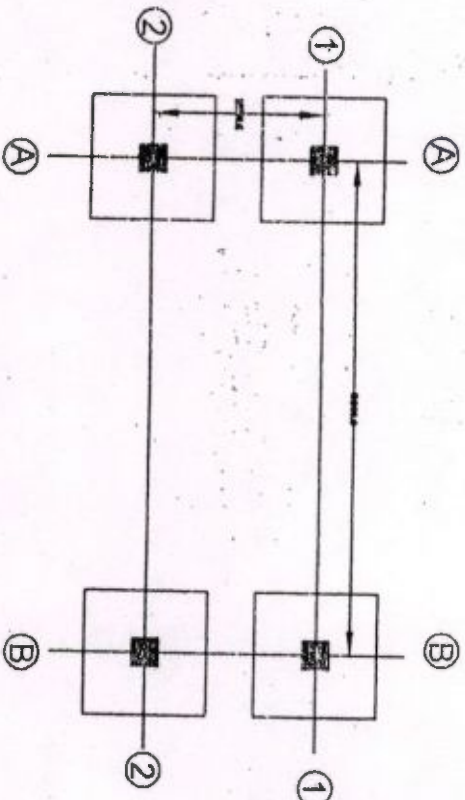
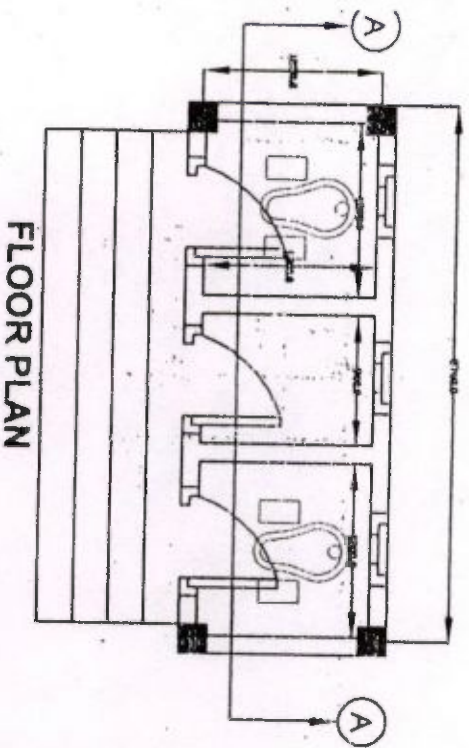

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

Total ⇒ Rs.193,330.96
GST 12% ⇒ Rs.23,199.72
Total ⇒ Rs.2,16,530.68
Cess 1% ⇒ Rs.2165.31
Rs.2,18,695.99
Contingency 3% ⇒ Rs.6,495.92
Total ⇒ Rs.2,25,191.91
Say ⇒ Rs.2,25,192.00
(Rupees Two Lakhs twenty five thousand one hundred and ninety two)

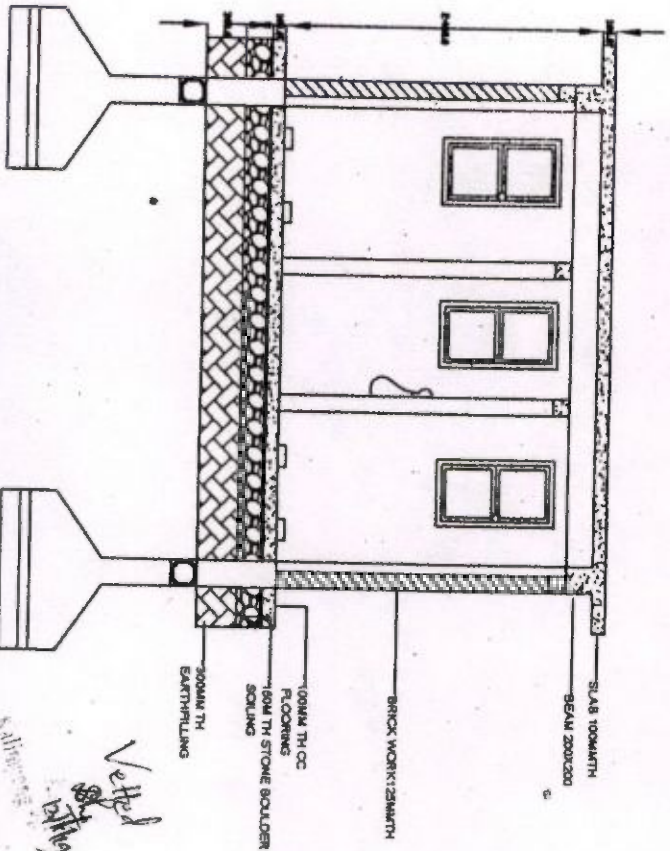

13.11.17
Junior Engineer
Siliguri Division, M.E. Div.
Govt. Of West Bengal

Vetted
13/11/17

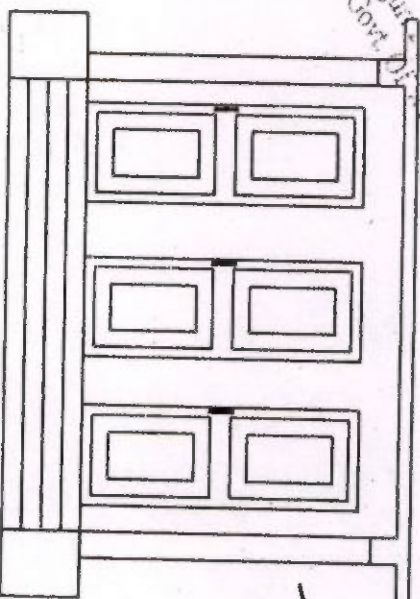
"Construction Of Community Toilet (1gents latrines , 1urinal and 1 ladies latrines)
At HANUMAN MANDIR, Within Ward No. XII Under Kalimpong Municipality".



CROSS SECTION



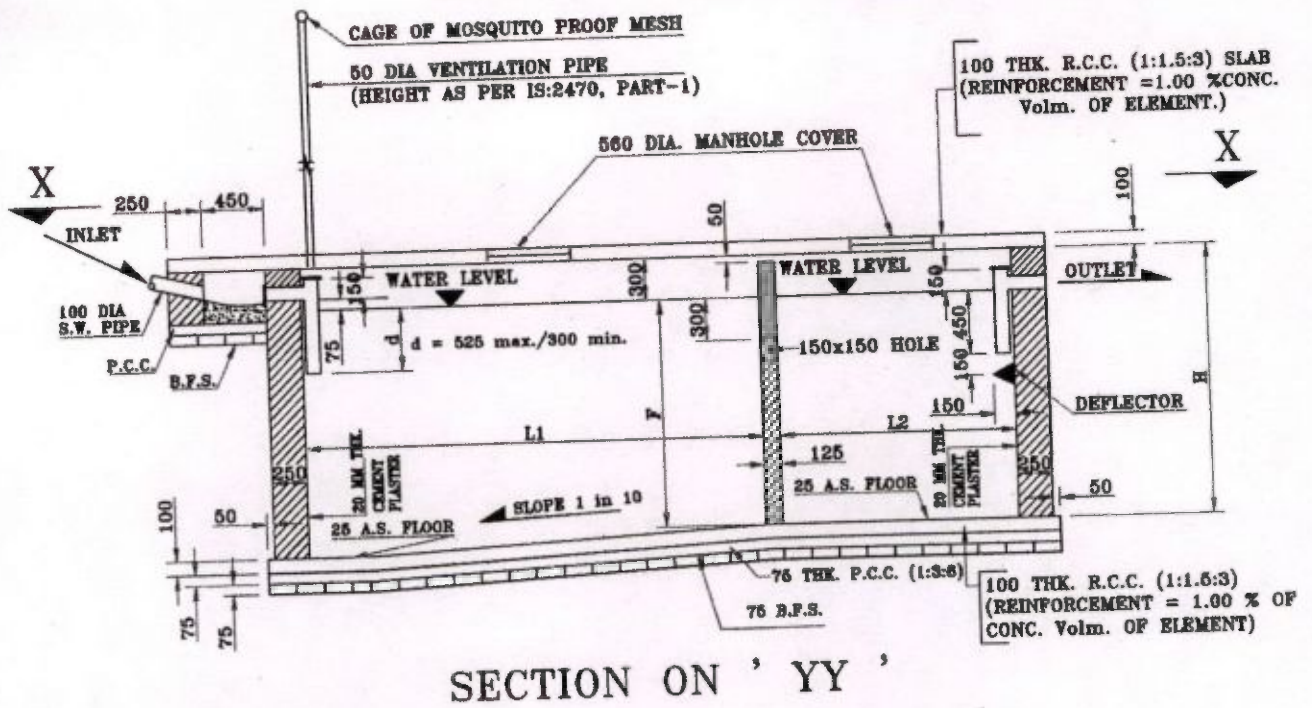
FRONT ELEVATION



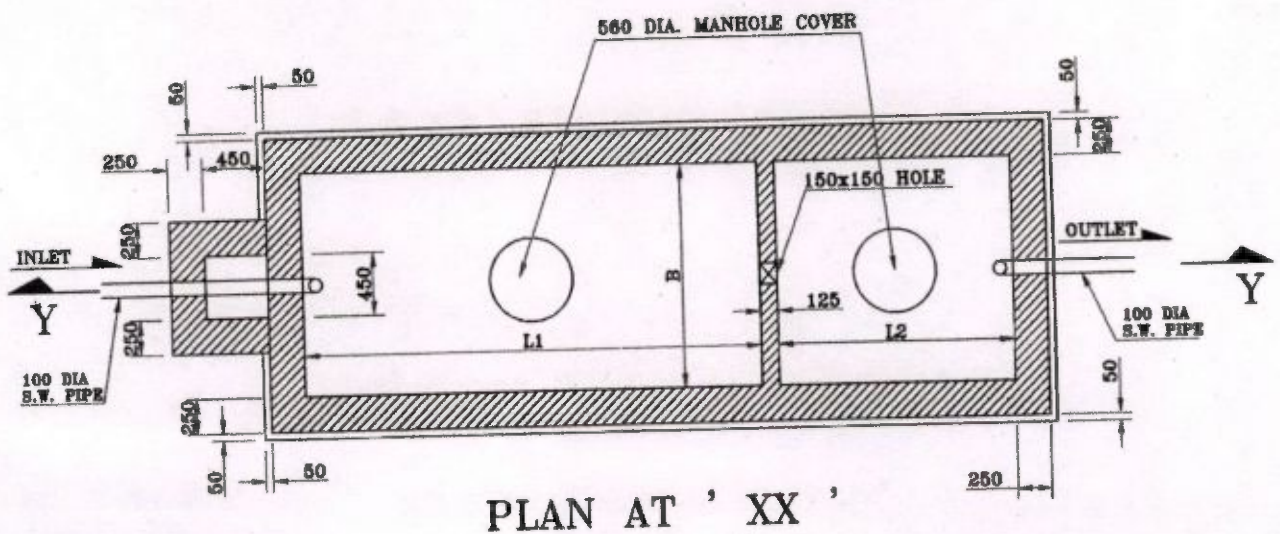
Chairman
Kalimpong Municipality
Sub. Asst. Engineer
KALIMPONG MUNICIPALITY

Chairman
Kalimpong Municipality

SECTION (C) - V :-DRAWING OF SEPTIC TANK



SECTION ON ' YY ' ,



PLAN AT ' XX ' ,

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1800	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

DETAILS OF SEPTIC TANK

SCALE :- 1 : 50

ALL DIMENSIONS ARE IN MM

19
"Construction of Community Toilet(1nos of male latrines,1no of Urinal and 1 no of female latrines) AT HANUMAN MANDIR Within Ward No. XII Under Kalimpong Municipality".

MELA GROUND

PROPOSED SITE

Chairman
Kalimpong Municipality

Jamriddhi Rai
S.A.C.
Kalimpong Municipality

13

[illegible]

Sl. No.	Pg.No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		PLINTH PORTION:- Columns from G.L. upto P.L.	1	2	2.425	0.200	0.200	0.194	m³	B.F.Rs.	Rs.31,581.19
		GROUND FLOOR PORTION:- Columns -	1	6	0.200	0.200	0.600	0.144	m³		
		Beam - Horizontal -	1	6	0.200	0.200	2.400	0.576	m³		
		Beam - Vertical -	1	2	7.725	0.200	0.200	0.618	m³		
		Slab -	1	3	3.325	0.200	0.200	0.399	m³		
			1	1	7.725	3.325	0.100	2.569	m³		
							Total	6.378	m³	@Rs.8,263.67 =	Rs.52,705.65
6.0	P-42 /It-36(a)	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, linets curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.									
		GROUND FLOOR PORTION:- Columns -	4	6	0.200	2.400		11.520	m²		
		Beam - Horizontal -	2	2	7.725	0.200		6.180	m²		
		Beam - Vertical -	1	2	7.725	0.200		3.090	m²		
		Slab -	1	3	3.325	0.200		1.995	m²		
		SLAB EDGING -	2	1	7.725	0.100		25.686	m²		
		Steps rise -	2	1	3.325	0.100		1.545	m²		
			1	5	0.900	0.150		0.675	m²		
							Total	55.346	m²	@Rs.400.80 =	Rs.22,182.66
7.0	P-42 /It-36(d)	25 mm to 30 mm shuttering without staging in foundation Columns from G.L. upto P.L.	4	6	0.900	0.150		3.240	m²		
		Columns below G.L. -	4	6	0.200	0.600		2.880	m²		
		Tie beams -	2	2	6.825	0.200		2.520	m²		
			2	3	2.425	0.200		5.460	m²		
							Total	2.910	m²	@Rs.250.80 =	Rs.4,266.11
8.0	P-16 /It-16 (3rd Corridor at 04.06.20 18 sl no. 8 pg 3 of 96	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor. Main wall	1	2	6.825	2.400		32.760	m²		
			1	1	6.825	1.800		12.285	m²		
		partition wall-	1	2	2.425	2.400		11.640	m²		
			1	3	1.200	2.400		14.400	m²		
			1	6	1.000	2.400		14.400	m²		
		LESS DOORS, WINDOWS:-									
		Bath & W.C. doors "D1" -	-1	6	0.750	2.100		-9.450	m²		
		Windows "W" -	-1	6	0.500	0.900		-2.700	m²		
							Total	73.34	m²	@Rs.1,038.00 =	Rs.76,126.92
										CO-	Rs.186,862.59

Sl. No.	Pg.No./ It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
9.0	p-189 /it- I(ii)k3rd Considerd a dt 04.06.20	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and taking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary (ground floor). [Excluding coat of chipping over concrete surface].									
	With 4:1 cement mortar										
	18 sl no. 1 pg 49of										
	96	long wall -	2	2	6.825	x	2.400	=	65.520 m³	B.F.	Rs.186,862.59
		partition wall-	2	5	1.200	x	2.400	=	28.800 m²		
		partition wall-	2	6	1.000	x	2.400	=	28.800 m²		
		short wall -	2	2	2.425	x	2.400	=	23.280 m²		
		CEILING -	1	2	7.725	x	3.325	=	51.371 m²		
		horizontal beam -	3	2	7.725	x	0.200	=	9.270 m²		
		vertical beam -	3	3	3.325	x	0.200	=	5.985 m²		
		LESS:- Door and window openings -						=	-9.450 m²		
		D1 -	-1	6	0.750	x	2.100	=	-2.700 m²		
		Windows W -	-1	6	0.500	x	0.900	=	-0.900 m²		
		Total =							200.88 m²	@Rs.211.20 =	Rs.42,425.86
	p-189 /it- I(ii)c3rd Considerd a dt 04.06.20	With 4:1 cement mortar 10 mm. thick plaster									
		Plinth protection -	2	1	6.825	x	0.450	=	6.143 m²		
		Steps tread -	2	1	2.425	x	0.450	=	2.183 m²		
		Steps riser -	1	4	0.900	x	0.250	=	0.900 m²		
			1	5	0.900	x	0.150	=	0.675 m²		
		Total =							9.90 m²	@Rs.166.80 =	Rs.1,651.32
10.0	p-43 /it- 40(a)(X)	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc., including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter-section, complete as per drawing and direction.									
		For works in foundation, basement and upto roof of ground floor/up to Any									
		Tor steel/mild steel									
		Using steel	1	%	on total R.C.C. work				6.378 m³		
		Wt. per	1	m² of M.S. bar					502.400 Kg	+ + 338 = 00	33816 x 00
		Kg							0.500 M.T.	@ Rs.84,972.80 =	Rs.42,326.40
11.0	p-104 /it- 13(c)	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.								C.O.Rs.	Rs.275,206.17
		Window W	1	x	2	x	0.500	x	0.900	=	0.900 m²

Sl. No.	Pg. No. / It. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		W1						0.900 m ²		B.F.Rs.	Rs.275,265.17
								0.144 Qnd		@Rs.12,343.20 =	Rs.1,777.42
12.0	P-114 /It- 1(c)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals).									
		Other local wood									
		Main door -									
		"D1" Horizontal -	1	6	0.750	0.100	0.075	0.034 m ²			
		Vertical -	2	6	0.100	0.075	2.100	0.189 m ²			
		Windows -									
		"W" Horizontal -	2	6	0.500	0.100	0.075	0.045 m ²			
		Vertical -	2	6	0.100	0.075	0.900	0.081 m ²			
								Total =		@Rs.43,562.40 =	Rs.15,203.28
13.0	P-119 /It- 4(X)a	Glazed shutters of doors, window, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4 kg/sg.m., 3 mm. thick) fitted with putty bed and teak wood bread and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings, cost of glass, putty, wooded beads etc. will be paid separately. In ground floor.									
		40 mm. thick shutters									
		Other local wood									
		Windows -	1	6	0.500	0.900		2.700 m ²		@Rs.2,234.40 =	Rs.6,032.88
								Total =			
14.0	P-123 /It- 10A(iii)	Z-batten shutters of door and window as per design having tongued and groove-half lap jointed as per direction of the Engineer-in-charge including fitting and fixing shutter in position, but excluding the cost of hinges and other fittings in ground floor. (For upper floors refer to item 95 also.) Shutter with 25 mm. thick planks, 19 mm thick battens									
		Champ									
		W.C. Doors -	1	6	0.750	2.100		9.450 m ²		@Rs.3,228.00 =	Rs.30,504.60
								Total =			
15.0	P-200 /It- 1(a)	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.									
		W.C Window-	1	6	0.500	0.900		2.700 m ²			
								Total =		@Rs.36.00 =	Rs.97.20
16.0	P-200 /It- 1(b)	(b) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.									
		W.C. Doors -	2	6	0.750	2.100		18.900 m ²			
		W.C. Doors frame-	1	6	0.750	0.250		1.125 m ²		C.O.	Rs.206,881.55
		2	6	0.250	2.100		6.300 m ²				
		window frame W-	2	6	0.500	0.250		1.500 m ²			
		2	6	0.250	0.900		2.700 m ²				

269555 ~ 77

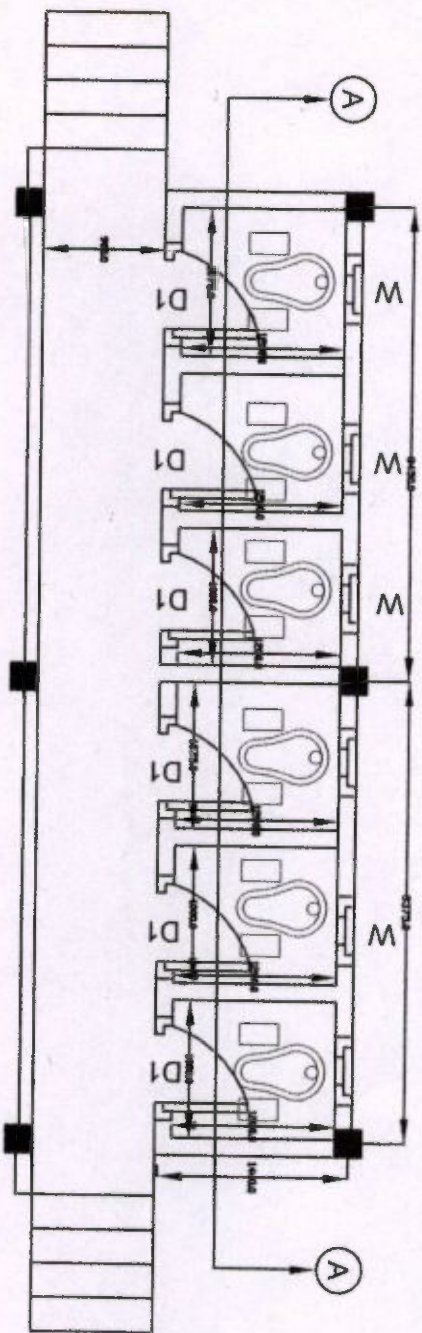
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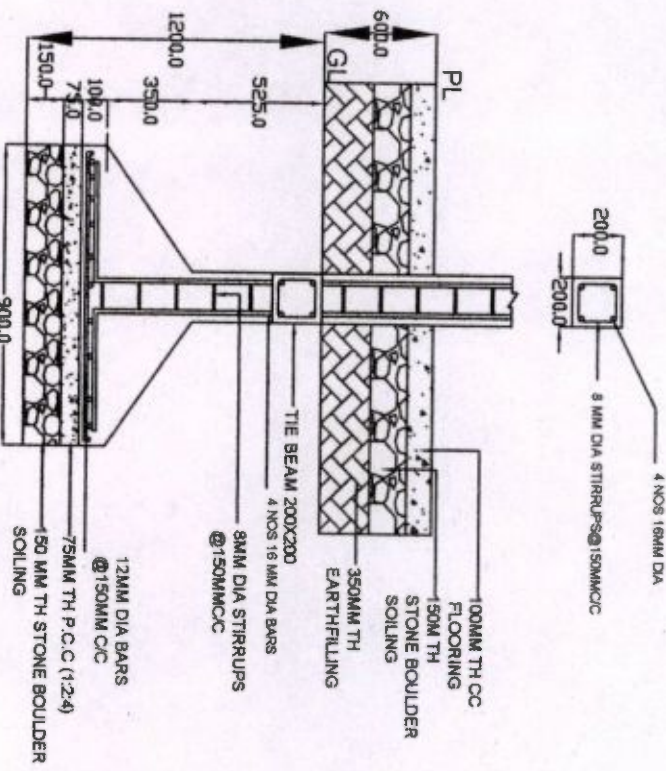
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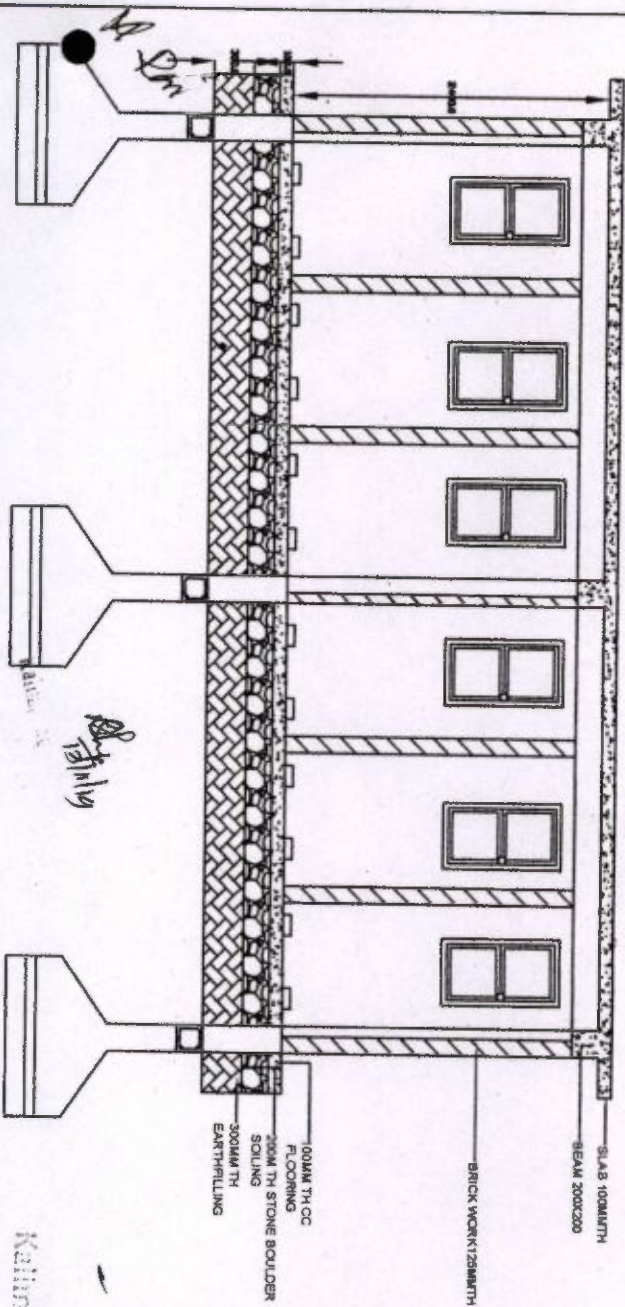
Construction Of Community Toilet(3 gents latrines and 3 ladies latrines)NEAR
SAPTASHRI SCHOOL Within Ward No.1 Under Kalimpong Municipality".



FLOOR PLAN



REINFORCEMENT DETAILS OF COLUMN



FOOTING PLAN

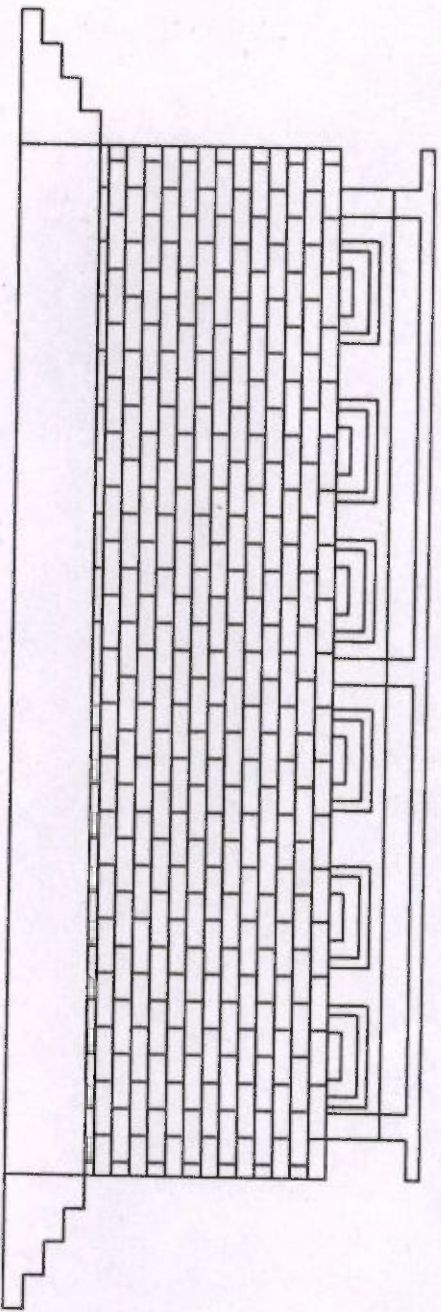
Chairman
Kalimpong Municipality
Kalimpong

Sub. Asst. Engineer
Kalimpong Municipality
Kalimpong

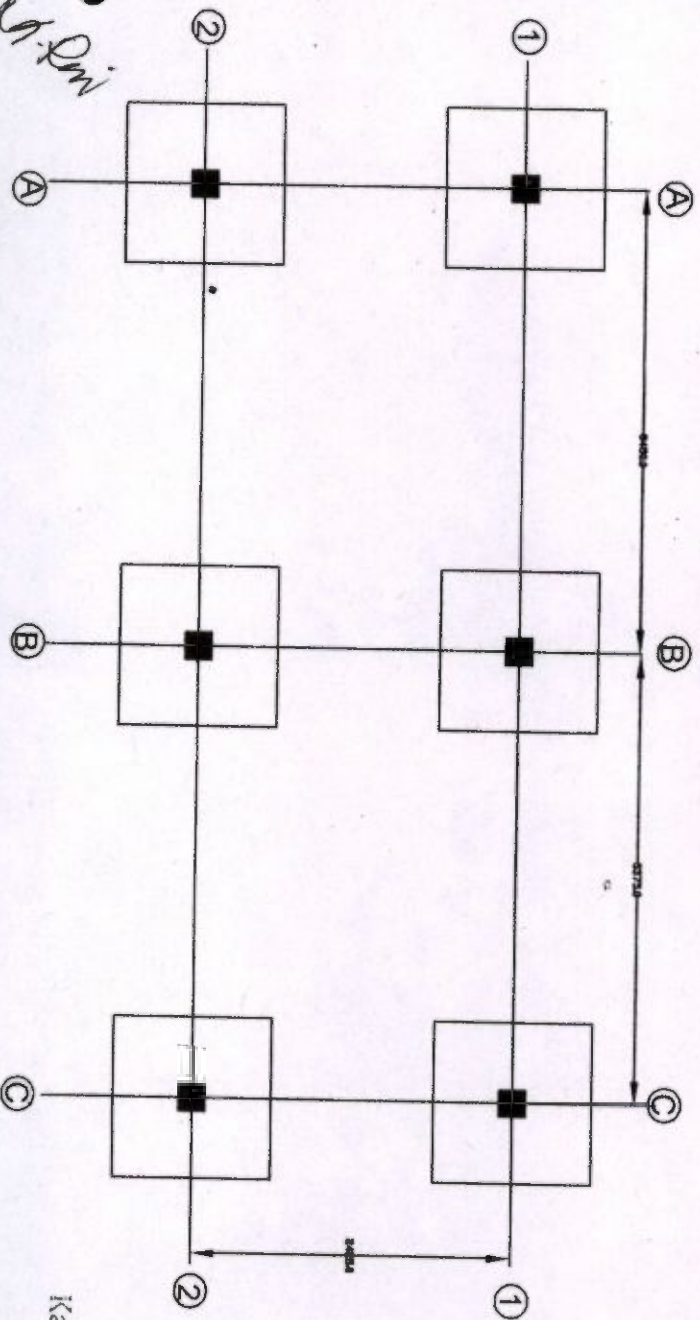
13.11.19

21/11/2015

"Construction Of Community Toilet(3 gents latrines and 3 ladies latrines)NEAR
SAPTASHRI SCHOOL Within Ward No.1 Under Kalimpong Municipality".



FRONT ELEVATION



COLUMN LAYOUT

SCHEDULE FOR DOOR AND WINDOW	
DOOR	
D 1	-750x2100
WINDOW	
W	-750X900
1. All dimension are in MM .	

[Signature]
Chairman
Kalimpong Municipality
Kalimpong

[Signature]
Santidhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

13.11.19

19/11/2019

The diagram illustrates a soakaway pit with the following specifications:

- CAGE OF MOSQUITO PROOF MESH**: Located at the top of the pit.
- 50 DIA VENTILATION PIPE**: (HEIGHT AS PER IS:2470, PART-1)
- 680 DIA. MANHOLE COVER**: Located on the right side of the pit.
- 100 THK. R.C.C. (1:1.5:3) SLAB**: (REINFORCEMENT = 1.00 % CONC. Volm. OF ELEMENT.)
- WATER LEVEL**: Indicated by two horizontal lines across the pit.
- INLET**: On the left side, connected to a **100 DIA S.W. PIPE**.
- P.C.C.** and **B.F.S.**: Materials used for the inlet and outlet structures.
- d = 525 max./300 min.**: Dimension indicating the depth of the water level from the bottom.
- L1** and **L2**: Horizontal dimensions representing the length of the pit sections.
- SLOPE 1 in 10**: Indicated for the bottom of the pit.
- 25 A.S. FLOOR**: The floor material at the bottom of the pit.
- 25 MM THK CEMENT PLASTER**: Applied to the walls and floor.
- 150x150 HOLE**: Located in the wall between the two sections.
- DEFLECTOR**: Located near the outlet.
- OUTLET**: On the right side, leading away from the pit.
- 75 THK. P.C.C. (1:3:6)** and **75 B.F.S.**: Materials used for the base of the pit.
- 100 THK. R.C.C. (1:1.5:3) SLAB**: (REINFORCEMENT = 1.00 % OF CONC. Volm. OF ELEMENT.)

500 DIA. MANHOLE COVER

150x150 HOLE

125

L1

L2

450

250

50

50

50

50

250

250

INLET

OUTLET

100 DIA S.W. PIPE

100 DIA S.W. PIPE

PLAN AT 'XX'

PLAN AT ' XX

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

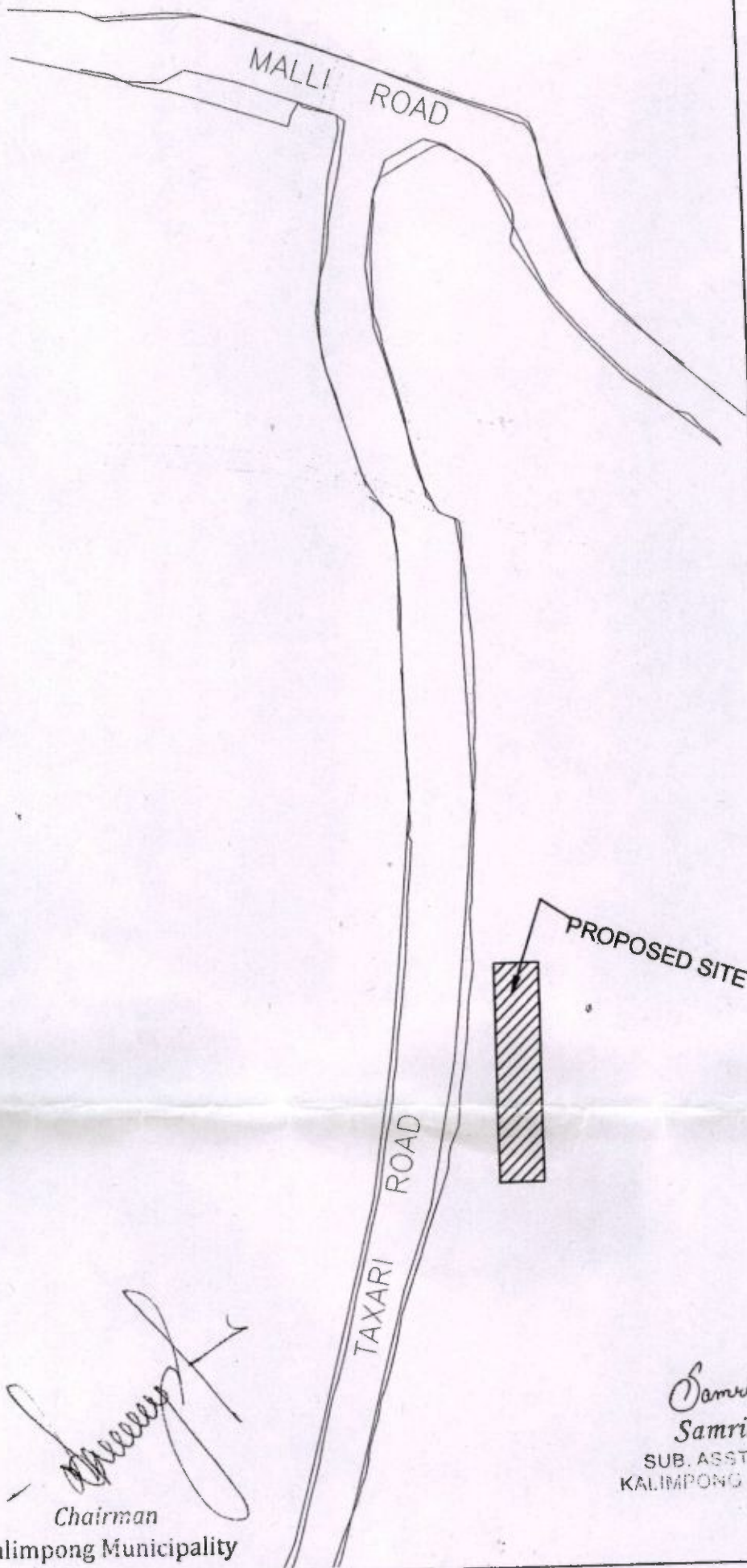
DETAILS OF SEPTIC TANK

ALL DIMENSIONS ARE IN MM

Samridhi Rai

SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

"Construction of Community Toilet(3nos of male latrines and 3 no of female latrines) at SPTASREE Within Ward No. 1 Under Kalimpong Municipality".



"Construction of Community Toilet 3nos of male latrines, 3 no of Urinal and 3 no of female latrines) BELOW POLICE QUATER Within Ward No. 1 Under Kalimpong Municipality".

POLICE QUATER Within Ward No. 1 Under Kalimpong Municipality"

[illegible]

[illegible]

[illegible]

Sl. No.	Pg.No. / It.No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
16.0	P-200 / It-1(a)	a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		W-1	1	2	0.900	1.200		2.160	m ²	B.F.	Rs.400,453.94
		W-1	1	6	0.500	0.900		2.700	m ²		
		Total						4.860	m ²	@Rs.36.00 =	Rs.174.96
17.0	P-200, It-1(b)	(b) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		Main doors -	2	2	0.900	2.100		7.560	m ²		
		W.C. Doors -	2	6	0.750	2.100		18.900	m ²		
		door frame D-	1	2	0.900	0.250		0.450	m ²		
			2	2	0.250	2.100		2.100	m ²		
		W.C. Doors frame-	1	6	0.750	0.250		1.125	m ²		
			2	6	0.250	2.100		6.300	m ²		
		Window frame W-	2	2	0.900	0.250		0.900	m ²		
			2	2	0.250	1.200		1.200	m ²		
		W-1-	2	6	0.500	0.250		1.500	m ²		
			2	6	0.250	0.900		2.700	m ²		
		Total						42.735	m ²	@Rs.45.60 =	Rs.1,948.72
18.0	P-200, It-2(A)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary (a) On timber or plastered surface : With super gloss (th-gloss) (iv) Two coats (with any shade except white)									
		B.F from Sl. No 18 of the estimate						42.735	m ²	@Rs.98.40 =	Rs.4,205.12
19.0	P-200, It-2(A)(b)(i)	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary (b) On steel or other metal surface : With super gloss (th-gloss) - (iv) Two coats (with any shade except white)									
		B.F from Sl. no 17 of the estimate						4.860	m ²	@Rs.96.00 =	Rs.466.56
20.0	P-197, It-17(b)	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. b) Normal acrylic emulsion									
		wall exterior-	1	2	5.750	2.400		27.600	m ²		
			1	2	3.650	2.400		17.520	m ²		
		slab extension-	1	2	6.400	0.450		5.760	m ²		
			1	2	4.150	0.450		3.735	m ²		
		less Windows -	-1	2	0.900	1.200		-2.160	m ²		
		Ventilator -	-1	6	0.500	0.900		-2.700	m ²		
		door-	-1	2	0.900	2.100		-3.780	m ²	C.O.	Rs.407,249.30

24,881.47

6696.50

$+3,343.05$
 $6,84,535.17$
 $6,845.35$
 $6,91,380.52$
~~00,421.44~~

P.T.O.

Ganeshdhar
Samridhi Rai

C.O. = 8604, 97502

Say

~~R. 727,767.17~~
R. 727,767

B.F = Rs 6,04,975 = 02

GST 12% $\rightarrow$ Rs 72,597 = 00

Rs 6,77,572 = 02

Cess 1% $\rightarrow$ Rs 6775 = 72

Rs 6,84,247 = 74

Contingency 3% $\rightarrow$ Rs 20,327 = 16

Rs 7,04,674 = 90

Total

Rs 7,04,675 = 00

Day

(Rupees Seven Lakhs four thousand three hundred and seventy five only)

sd/ 13-11-19

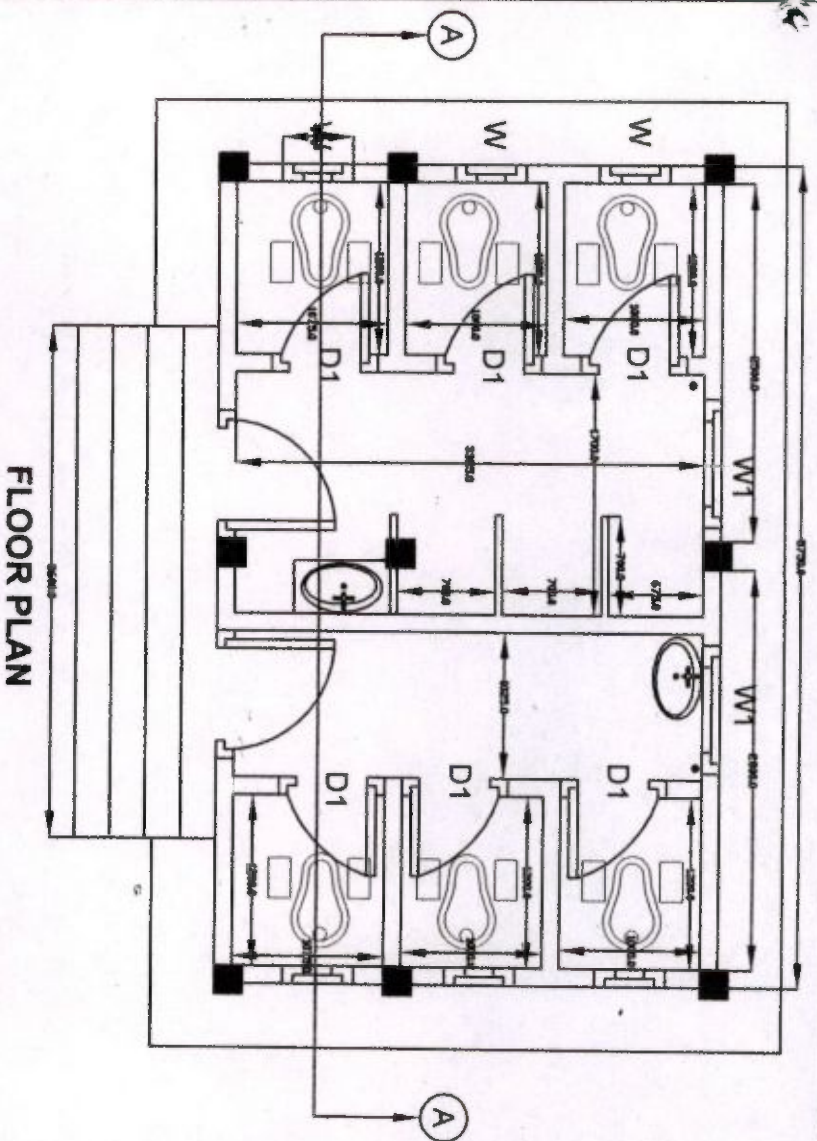
a Junior Engineer
in Dte.
Siliguri
Govt. L.

sd/ 13-11-19
a Junior Engineer
in Dte.
Siliguri
Govt. L.

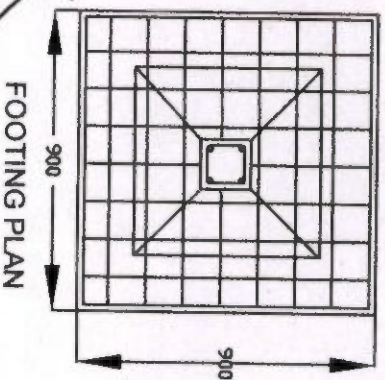
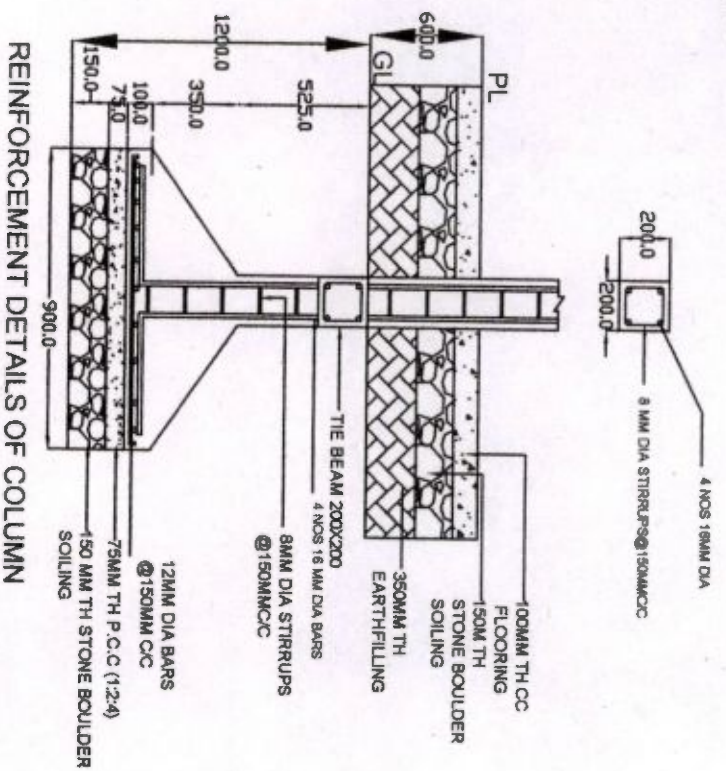
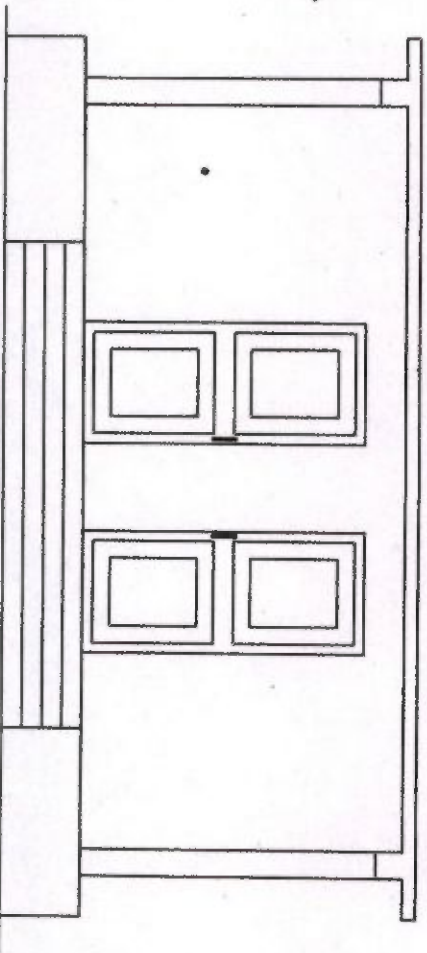
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sd/ 13-11-19
a Junior Engineer
in Dte.
Siliguri
Govt. L.

"Construction Of Community Toilet(3 gents latrines , 3 urinal and 3 ladies latrines)
NEAR POLICE QUATER Within Ward No. 1 Under Kalimpong Municipality".



FRONT ELEVATION



13.11.19

Junior Engineer

Chairman

Kalimpong Municipality

Kalimpong

13/11/19

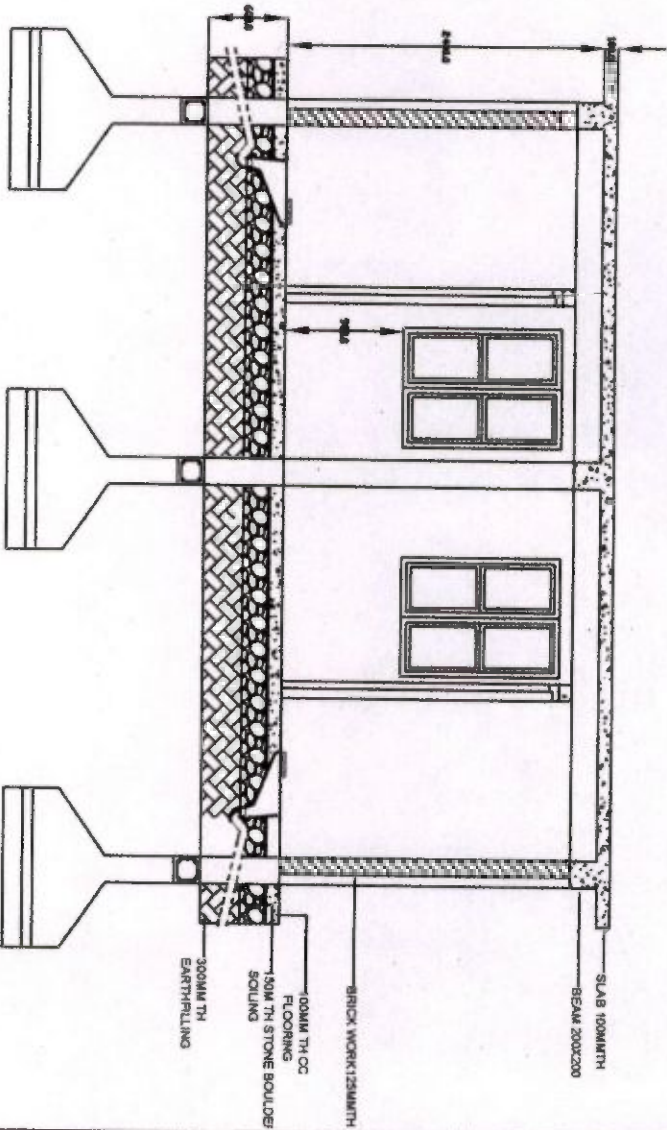
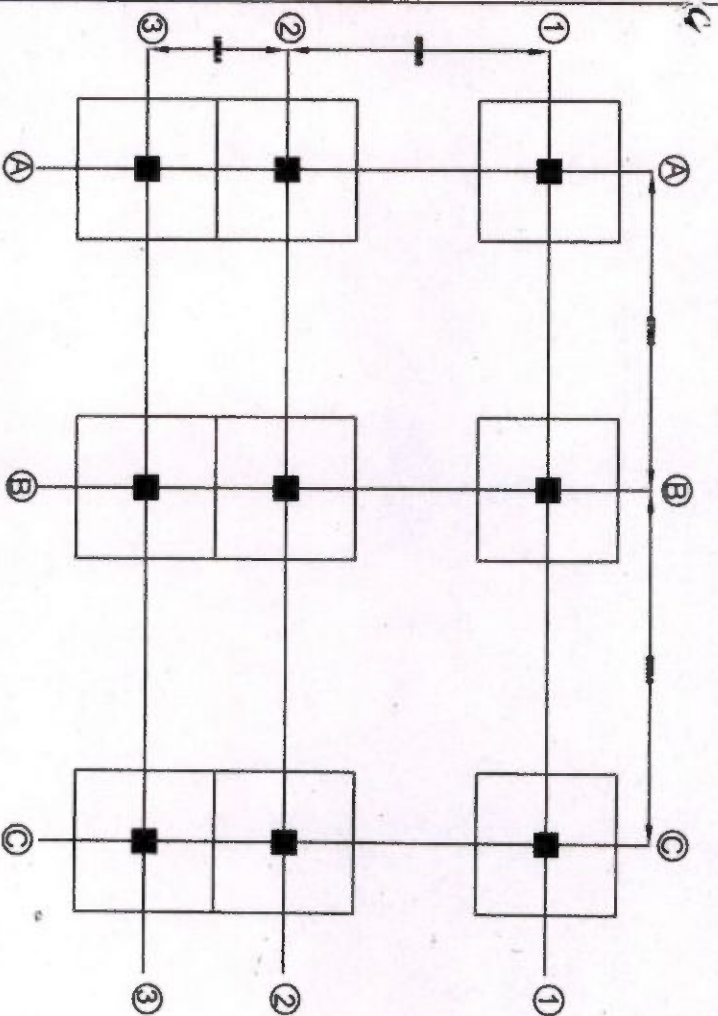
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Samridhi Rai

SUB. ASST. ENGINEER

KALIMPONG MUNICIPALITY

"Construction Of Community Toilet(3 gents latrines , 3 urinal and 3 ladies latrines)
NEAR POLICE QUATER Within Ward No. 1 Under Kalimpong Municipality".



COLUMN LAYOUT

CROSS SECTION

SCHEDULE FOR DOOR AND WINDOW

D 1 -750X2100
WINDOW
W -750X900

1. All dimension are in MM

Sanjit Rai
13/11/2019

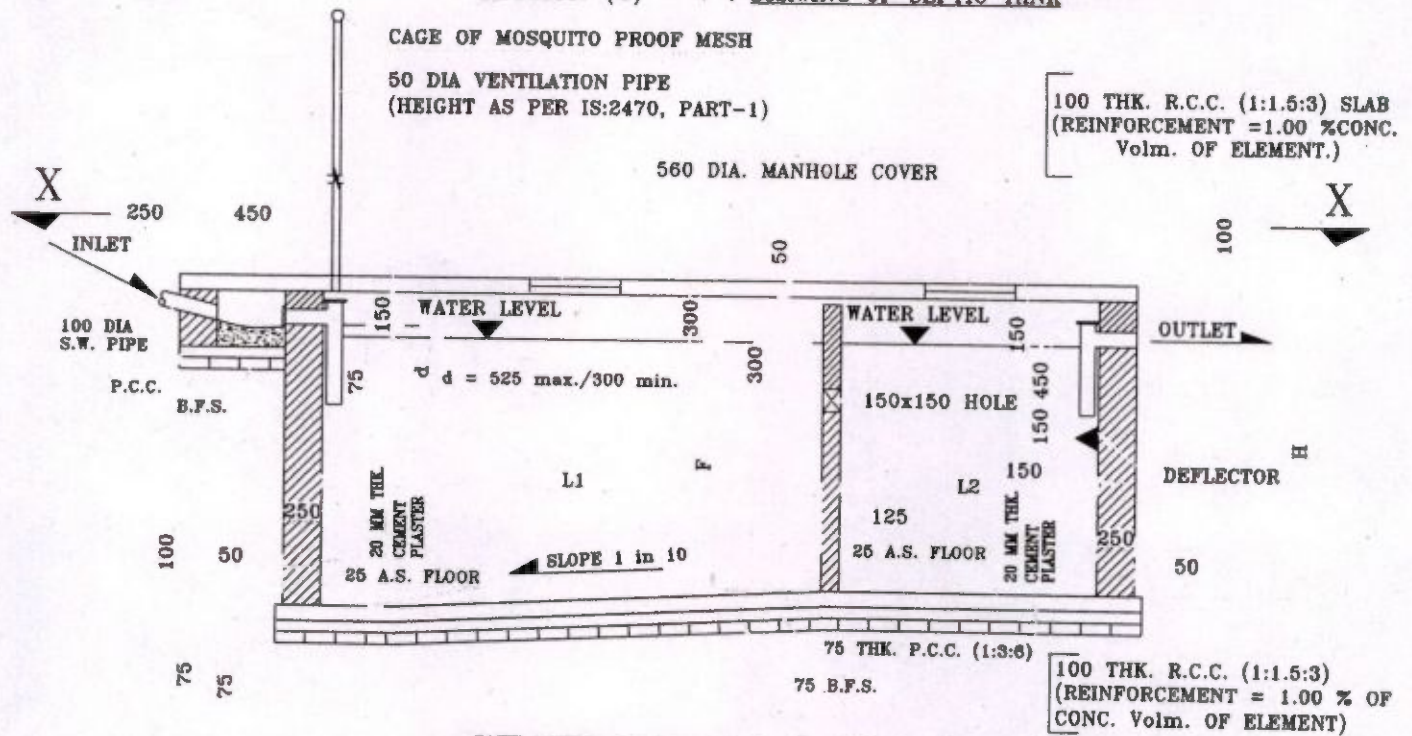
Sanjit Rai
13/11/19

Sanjit Rai
13/11/19
Junior Engineer
N.E.D.D.C.
Siliguri Division
Govt. Of West Bengal

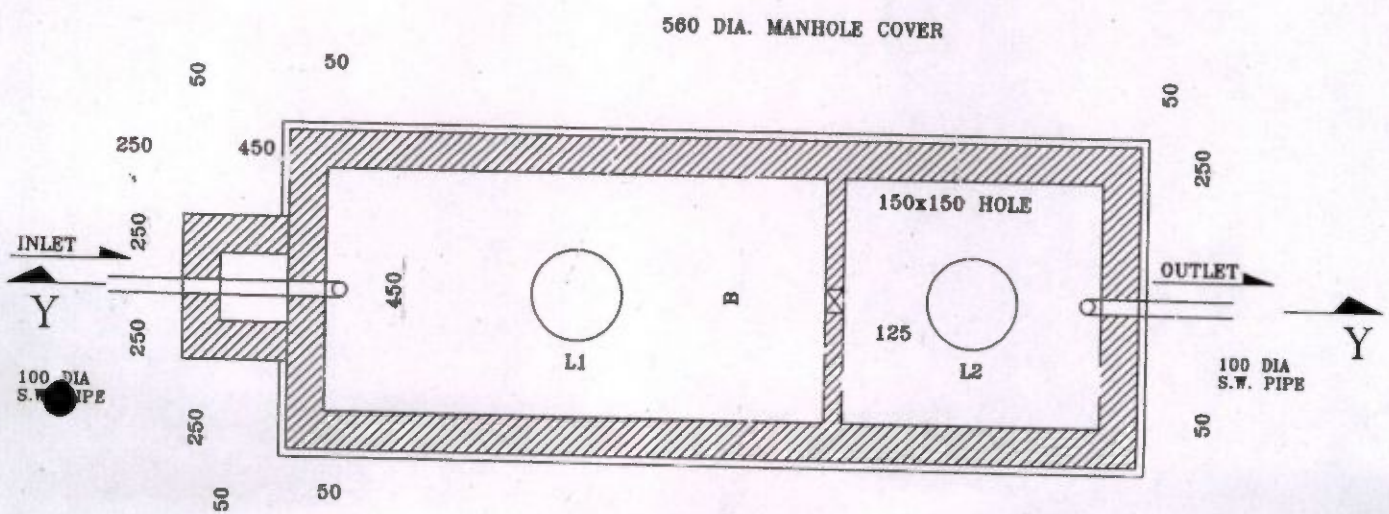
Sanjit Rai
Chairman
Kalimpong Municipality
Kalimpong

Sanjit Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

SECTION (C) - V :-DRAWING OF SEPTIC TANK



SECTION ON ' YY ' ,



PLAN AT ' XX ' ,

NO. OF USER	L1	L2	B	F	H
200	5900	3000	2700	1400	1700
100	3800	1900	2100	1400	1700
50	3300	1700	1600	1300	1600
30	2000	1000	1500	1300	1600
20	1500	800	1100	1300	1600
10	1300	700	900	1000	1300

DETAILS OF SEPTIC TANK

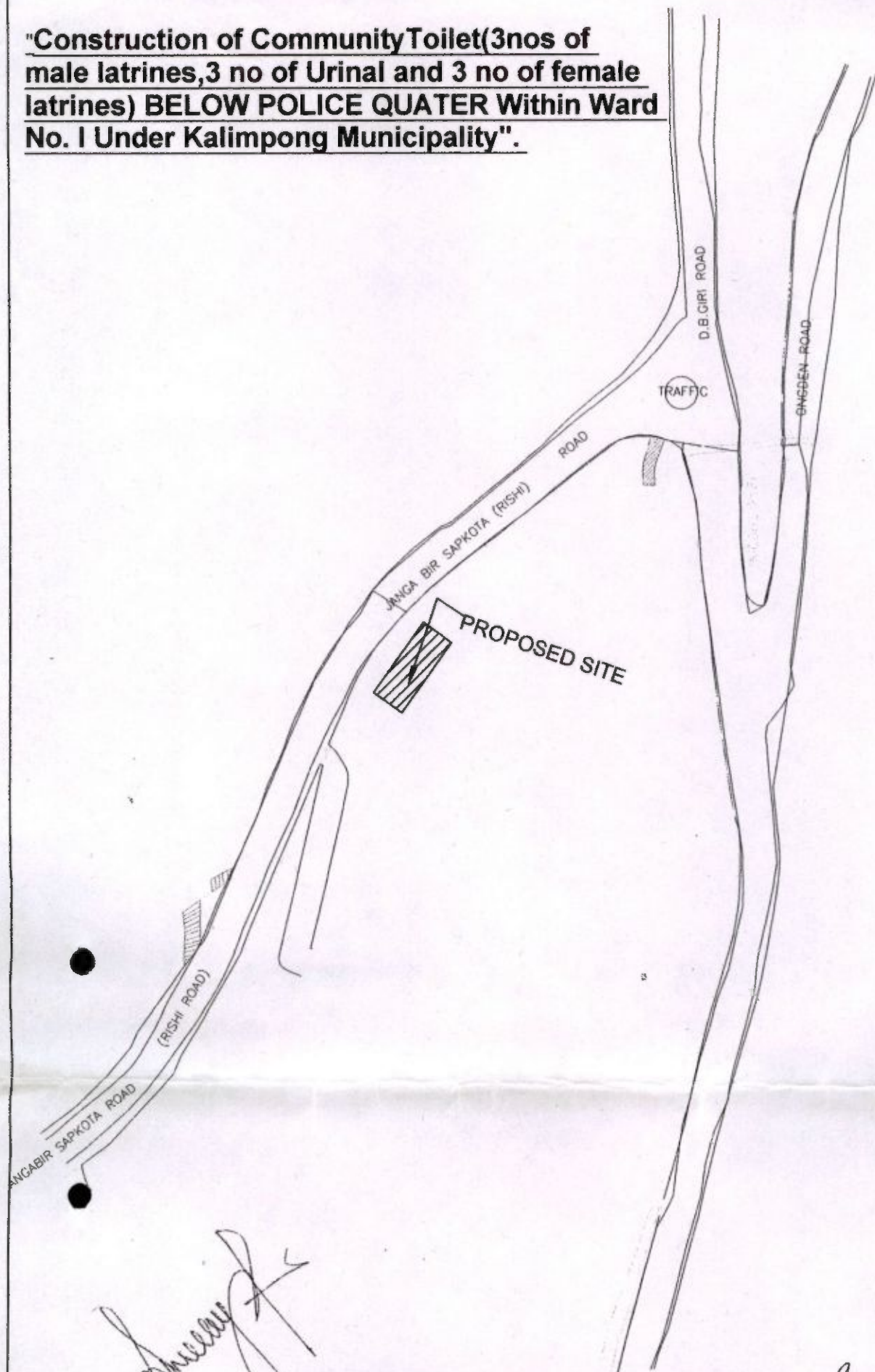
SCALE :- 1 : 50

ALL DIMENSIONS ARE IN MM

Chairman
Kalimpong Municipality
Kalimpong

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

"Construction of Community Toilet(3nos of male latrines,3 no of Urinal and 3 no of female latrines) BELOW POLICE QUATER Within Ward No. 1 Under Kalimpong Municipality".



[Signature]
Chairman
Kalimpong Municipality
Kalimpong

[Signature]
Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

KALIMPONG MUNICIPALITY

Name of the Work :

Construction of community toilet consisting of 2 gents latrines, 2 ladies latrines and 2 urinals at Suna Khari Samaj within ward no. XXIII under Kalimpong Municipality

Sl. No.	Pg. No. / R. No.	Description of item	Sides	No.	Length	Breadth	Height	Volume	Unit	Rate	Amount
1.0	P-1/- 2(a)	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, belling out water as required complete. Depth of excavation not exceeding 1500 mm.									
		Columns -	1	6	0.900	0.900	1.200	5.832 m ³			
		Tie beams -	1	2	2.550	0.200	0.200	0.204 m ³			
			1	2	2.375	0.200	0.200	0.186 m ³			
			1	3	1.812	0.200	0.200	0.217 m ³			
		Total =						6.439 m ³			
										@Rs.119.27 =	Rs.767.96
2.0	P-1/- 3(a)	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (payment to be made on the basis of measurement of finished quantity of work) With earth obtained from excavation of foundation									
		Columns -	1	6	0.900	0.900	0.750	3.645 m ³			
		Tie beams -	1	2	2.550	0.200	0.200	1.020 m ³			
			1	2	2.375	0.200	0.200	0.950 m ³			
			1	3	1.812	0.200	0.200	1.087 m ³			
		front slope -	1	3	4.425	0.250		5.331 m ³			
		Total =						13.428 m ³			
										@Rs.240.80 =	Rs.3233.46
4.0	P-24/- 4(b)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes, River bazzes									
		Columns footing and concrete -	1	6	0.900	0.900	0.075	0.363 m ³			
		Tie beams base -	1	2	2.550	0.200	0.075	0.077 m ³			
			1	2	2.375	0.200	0.075	0.070 m ³			
			1	3	1.812	0.200	0.076	0.083 m ³			
		Flooring -	1	1	5.475	2.212	0.100	1.211 m ³			
		Tread -	1	4	4.425	0.750	0.075	0.996 m ³			
		rise -	1	3	4.425	0.075	0.110	0.149 m ³			
		above tie beams up to plinth (horizontal)	1	2	2.550	0.200	0.300	0.306 m ³			
			1	2	2.375	0.200	0.300	0.279 m ³			
		above tie beams up to plinth (vertical)	1	3	1.812	0.200	0.300	0.326 m ³			
		Total =						3.862 m ³			
										@Rs.6370.80 =	Rs.24604.03
5.0	P-26/- 10(b)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes, i) Pakur Corridor									
		FOUNDATION PORTION:- Columns footing -	1	6	0.900	0.900	0.200	0.972 m ³			
		Trapezoidal -	6	3	0.972	0.9072	0.2705	0.77 m ³			
		Columns below G.L. -	1	6	0.200	0.200	0.325	0.126 m ³			
		Tie beams -	1	2	2.550	0.200	0.200	0.204 m ³			
			1	2	2.375	0.200	0.200	0.186 m ³			
			1	3	1.812	0.200	0.200	0.217 m ³			
			1	6	0.200	0.200	0.450	0.108 m ³			
		PLINTH PORTION:- Columns from G.L. upto P.L.	1	6	0.200	0.200	2.400	0.576 m ³			
		GROUND FLOOR PORTION:-									
		Columns -	1	2	6.375	0.200	0.200	0.510 m ³			
		Beams - Horizontal -	1	3	3.112	0.200	0.200	0.373 m ³			
		Beams - Vertical -	1	1	6.375	0.100	0.100	1.284 m ³			
		Slab -	1	1	3.112	0.100	0.100	0.312 m ³			
		Total =						5.976 m ³			
										@Rs.6265.67 =	Rs.49383.69
										C.O.	Rs.78,271.79

(22)

Sl. No.	Pg No / R No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
6.0	p-42 /R-36(a)	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor/1st) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-in-Charge.								B.F.	Rs.78,271.79
		GROUND FLOOR PORTION:-									
		Columns - Horizontal	4	6	0.200	2.400		11.520	m ³		
		Beams - Horizontal	2	2	6.375	0.200		5.100	m ³		
		Beams - Vertical	1	2	6.375	0.200		2.550	m ³		
		Slab	1	3	3.112	0.200		3.734	m ³		
		Inside SLAB EDGING	2	1	6.375	0.100		1.275	m ³		
		Steps riser	1	4	4.425	0.150		2.655	m ³		
		Total						49.162	m ³	@Rs.400.80 =	Rs.19,704.13
7.0	p-42 /R-36(c)	25 mm to 30 mm shuttering without staging in foundation									
		Columns footing	4	6	0.425	0.150		1.530	m ³		
		Columns from G.L. upto P.L.	4	6	0.200	0.450		2.160	m ³		
		Columns below G.L.	4	6	0.200	0.525		2.520	m ³		
		Tie beams	2	2	2.325	0.200		2.040	m ³		
		Total						2.174	m ³		
8.0	p-16 /R-16	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) in ground floor.								@Rs.250.80 =	Rs.3,080.83
		Main wall	1	2	2.550	2.400		12.240	m ³		
		partition wall	1	2	2.087	2.400		8.698	m ³		
		LESS DOORS, WINDOWS:-									
		Main Doors "D"	-1	1	0.900	2.100		-1.890	m ³		
		Bath & W.C. doors "D1"	-1	1	0.750	2.100		-6.300	m ³		
		Windows "W"	-1	1	1.000	1.220		-1.220	m ³		
		Ventilators "V1"	-1	4	0.750	0.864		-2.592	m ³		
		Total						36.35	m ³	@Rs.1,038.00 =	Rs.37,731.30
9.0	p-189 /R-189(a)	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface.									
		With 4:1 cement mortar									
		10 mm. thick plaster									
		Plinth	2	1	6.702	0.450		6.032	m ³		
		Steps tread	1	4	4.425	0.250		4.425	m ³		
		Steps riser	1	3	4.425	0.150		1.991	m ³		
		FLOOR	1	1	5.475	2.212		12.111	m ³		
		Total						27.570	m ³	@Rs.166.80 =	Rs.4,598.68
		15 mm. thick plaster									
		Long wall	2	2	5.475	2.400		52.560	m ³		
		Short wall	2	2	2.212	2.400		21.275	m ³		
		partition wall	2	1	2.087	2.400		10.018	m ³		
		Total						83.853	m ³		
		Total						83.853	m ³	@Rs.166.80 =	Rs.13,986.73

Sl. No.	Pg. No. / R. No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
		CEILING -	2	2	0.200	2.400		1.920	m ³	B.F.	Rs.143,386.73
		ROOF TOP	1	1	5.475	2.212		12.111	m ³		
		Horizontal beam -	3	2	6.375	3.112		19.839	m ³		
		vertical beam -	3	2	3.112	0.200		7.650	m ³		
		LESS:- Door and window openings - Doors "D" -	-1	1	0.900	2.100		-1.890	m ³		
		Windows W -	-1	4	0.750	2.100		-6.300	m ³		
		Ventilators W1 -	-1	1	1.000	1.220		-1.220	m ³		
				4	0.750	0.864		-2.592	m ³		
								-194.656	m ³	@Rs.211.20 =	Rs.41,107.12
10.0	Pg192 li- 15	Neat cement punning about 15mm thick in wall, dado, window sill, floor etc. B.F. from item no. 9								@Rs.40.80 =	Rs.9,066.60
11.0	P-43 li- 40(x)	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at inter-section, complete as per drawing and direction. For works in foundation, basement and upto roof of ground floor/upto 4m. Tor steel/mild steel 11.35W/35P/54.7AH/13RN/64SHL/662TRUSTEEL/35L R.C.C. WORKS:- FOUNDATION PORTION:-									
		Column footings -	1	6	0.900	0.900	0.200	0.972	m ³		
		Trapezoidal -	6 x 3	0.35	(0.9*2	+0.2*2	+ (0.90*2	* 0.2*2	70.5	0.72	m ³
		Columns below G.L. -	1	6	0.200	0.200	0.525	0.126	m ³		
		Tie beams -	1	2	2.550	0.200	0.200	0.204	m ³		
			1	2	2.325	0.200	0.200	0.186	m ³		
			1	3	1.812	0.200	0.200	0.217	m ³		
		PLINTH PORTION:-									
		Columns from G.L. upto P.L.	1	6	0.200	0.200	0.450	0.108	m ³		
		GROUND FLOOR PORTION:-									
		Column -	1	6	0.200	0.200	2.400	0.576	m ³		
		Beam - Horizontal -	1	2	6.375	0.200	0.200	0.510	m ³		
		Beam - Vertical -	1	3	3.112	0.200	0.200	0.373	m ³		
		Slab -	1	1	6.375	3.112	0.100	1.984	m ³		
		Using steel	1	%	on total R.C.C. work			5.976	m ³		
								0.060	m ³		
								5.976	m ³		
								469.116	Kg.	@Rs.144.652.80 =	Rs.67,785.82
								0.470	M.T.		
P-104 li- 120	130	(a) M.S. or W.I. Ornamental grill of approved design joints continuously welded with M.S. W.I. Filts and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg/seg.mtr and up to 16 Kg/seg. mtr.									
		Window W1	1	1	1.000	1.220		1.220	m ³		
			1	4	0.750	0.864		2.592	m ³		
								3.812	m ³		
								0.61	Qail	@Rs.12,343.20 =	Rs.7,529.35
13.0	P-114 li- 100	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Bolt Hinges and M.S. clamps. (The quantum should be corrected upto three decimals). Other local wood									
		Main door -	1	1	0.900	0.100	0.075	0.007	m ³		
		Vertical -	2	1	0.100	0.075	2.100	0.032	m ³		
										C.O.	Rs.240,876.02

29,461.56

6816.29

[illegible]

Sl. No.	Pg. No. / It. No.	Description of item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount	
20.0	P-200, It- 2(A)(b)(i) v)	(b) On steel or other metal surface : With super gloss (hi-gloss) - v) Two coats (with any shade except white) B.F from SL no 17 of the estimate						3.810 m ²		@Rs.96.00 =	Rs.364.76	
21.0	P-187, It- 17(b)	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) b) Normal acrylic emulsion										
		Wall exterior	1	x	2	x	5.475	x	2.400		26.280 m ²	
			1	x	2	x	2.212	x	2.400		10.618 m ²	
		slab extension-	1	x	2	x	0.312	x	2.400		1.498 m ²	
			1	x	2	x	6.375	x	0.450		5.738 m ²	
		less Windows -	1	x	2	x	3.112	x	0.450		2.801 m ²	
		Ventilator -	-1	x	1	x	1.000	x	1.220		-1.220 m ²	
		Door -	-1	x	4	x	0.750	x	0.864		-2.592 m ²	
		W.C. Doors -	-1	x	1	x	0.900	x	2.100		-1.890 m ²	
			-1	x	2	x	0.750	x	2.100		-3.150 m ²	
		Total									41.396 m ²	
22.0	P-196, It- 10	Acrylic Dislamer to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats						41.396 m ²		@Rs.81.60 =	Rs.3,364.37	
		long wall -	1	x	2	x	5.475	x	2.400		26.280 m ²	
		Short wall -	1	x	2	x	2.212	x	2.400		10.618 m ²	
		partition wall -	2	x	1	x	2.087	x	2.400		10.018 m ²	
			2	x	1	x	1.260	x	2.400		6.048 m ²	
			1	x	1	x	1.182	x	2.400		2.837 m ²	
			1	x	2	x	0.312	x	2.400		1.498 m ²	
			2	x	2	x	0.700	x	2.400		6.720 m ²	
			2	x	2	x	1.200	x	2.400		11.520 m ²	
			2	x	1	x	0.312	x	2.400		1.498 m ²	
			2	x	2	x	0.125	x	2.400		1.200 m ²	
		CEILING -	1	x	1	x	5.475	x	2.212		12.111 m ²	
		Less Door -	-1	x	1	x	0.900	x	2.100		-1.890 m ²	
		DI -	-1	x	4	x	0.750	x	2.100		-6.300 m ²	
		W -	-1	x	1	x	1.000	x	1.220		-1.220 m ²	
			-1	x	4	x	0.750	x	0.864		-2.592 m ²	
		Total									78.350 m ²	
23.0	P-140 It-13(vi)	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark, 100 mm x 56 mm x 1.80 mm								@Rs.85.20 =	Rs.6,675.42	
		Main doors -	3	x	1	x					3.000 Each	
		W.C. Doors -	3	x	4	x					12.000 Each	
		Total									15.000 Each	
											@Rs.56.40 =	Rs.846.00
		75 mm x 47 mm x 1.70 mm										
		Windows -	2	x	5	x					10.000 Each	
		Total									10.000 Each	
											@Rs.38.40 =	Rs.384.00
24.0	P-141 It- 8c	Iron socket bolt of approved quality fitted and fixed complete, 150 mm long x 12 mm dia. Bolt										
		Main doors -	2	x	1	x					2.000 Each	
		W.C. Doors -	2	x	4	x					8.000 Each	
		Windows -	2	x	5	x					10.000 Each	
		Total									20.000 Each	
											@Rs.76.80 =	Rs.1,536.00
25.0	P-141 It- 7b	Iron catch hook of approved quality fitted and fixed to shutter and chowk 6 mm dia x 225 mm long, 300 mm long										
		Windows -	2	x	2	x					4.000 Each	
		Total									4.000 Each	
											@Rs.76.80 =	Rs.307.20
26.0	P-141 It- 10c	Iron haap bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia rod with centre bolt and round fitting.										
		Main doors -	1	x	1	x					1.000 Each	
		Total									1.000 Each	
											@Rs.207.60 =	Rs.207.60
27		Iron pad bolt (lock) of approved quality rod and handle single cast :										
											C.O.	Rs.108,093.08

2107-33

Sl. No.	Pg. No. / R. No.	Description of Item	Sides	No./s	Length	Breadth	Height	Volume	Unit	Rate	Amount
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(Rupees/Four lakhs forty four thousand five hundred forty two only)

Rupees/Four Lakhs Forty Four Thousand and Twenty Six Only

Total =	Rs. 395,798.68	3,18,1646.87
GST @ 12%	Rs. 47,495.84	45,747.56
Cost of civil works excluding labour welfare cess =	Rs. 443,294.52	4,12,748.93
Labour welfare cess @ 1%	Rs. 4,432.95	4271.44
Cost of civil works including labour welfare cess =	Rs. 447,727.47	4,31,718.37
Contingency Charge @ 3%	Rs. 13,298.84	12,823.32
Total =	Rs. 461,026.31	4,44,541.6
Say	Rs. 461,026	4,44,542

Rabi Pradhan
Chairman
Kalinpong Municipality

Chairman
Kalinpong Municipality
Kalinpong

Samridhi Rai
Sub Assistant Engineer
Kalinpong Municipality

SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

Total = Rs 3,77,676-19
GST 12% → Rs 45,321-14
Rs 4,22,997-33
CESS 1% → Rs 4,229-94
Rs 4,27,227-30

Contingency 3% → Rs 12,689-92
Total = Rs 4,39,917-22

Say Rs 4,39,917-00

(Rupees four lakhs thirty nine thousand nine hundred and twenty two only)

Assistant Engineer
Kalinpong Sub Division, M.E. Div.
Govt. of West Bengal

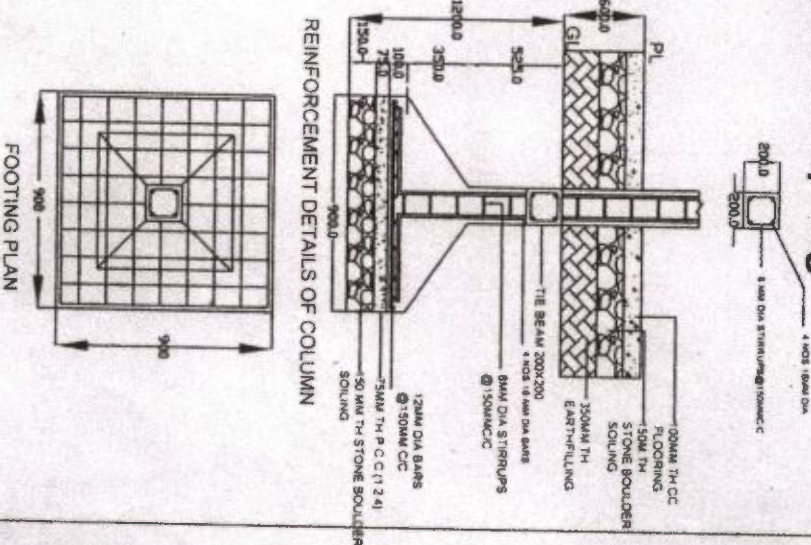
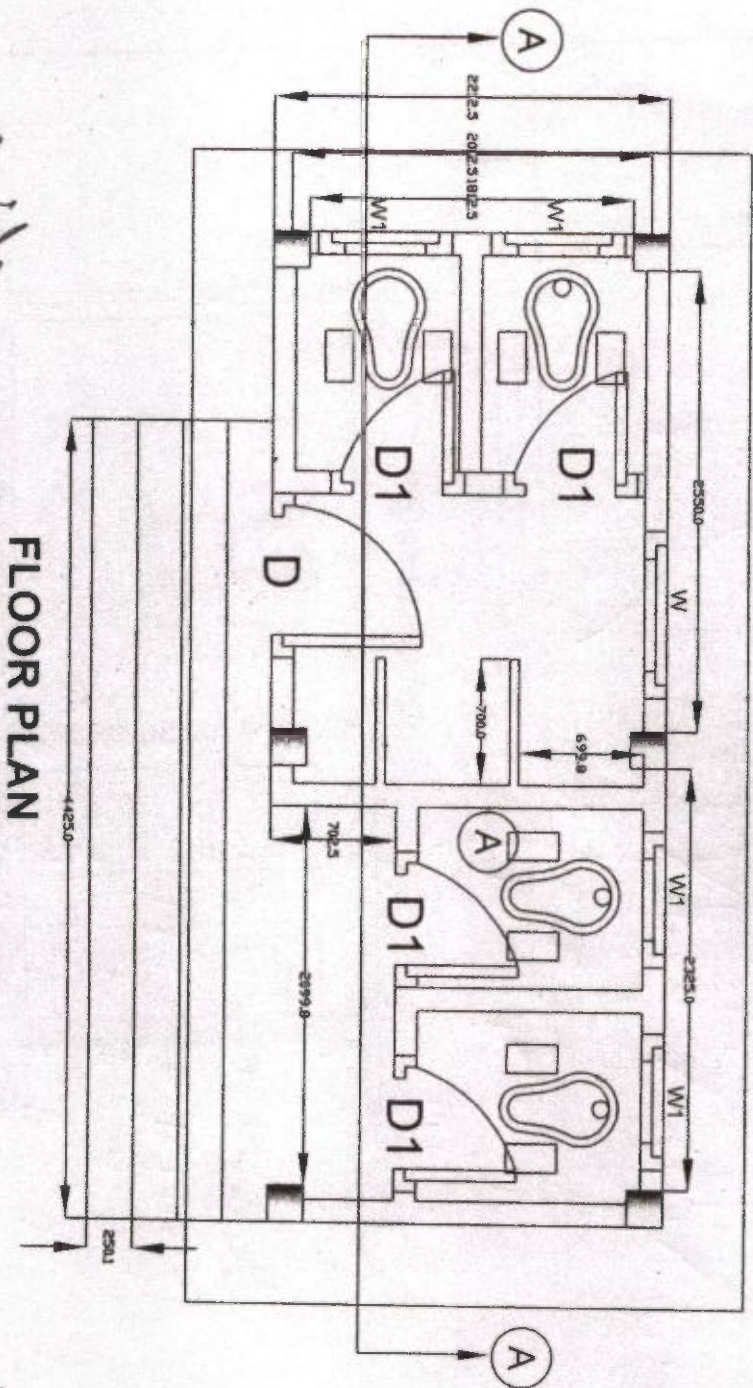
Executive Engineer
Sub Division, M.E. Div
Govt. Of West Bengal

Junior Engineer
Sub Division, M.E. Div.

Noted
Anil Kumar
14/11/2019

Sub Assistant Engineer
Kalinpong Municipality

"Construction of community toilet consisting of 2 gents latrines, 2 ladies latrines and 2 urinals near SUNAKHARI SAMAJ, within ward no. XXIII under Kalimpong Municipality."



Signature
17.11.19

Executive Engineer
Siliguri Division, M.E.D. &
Govt. Of West Bengal

Signature
13.11.19

Assistant Engineer
Kalimpong Sub Division, M.E.D. &
Govt. Of West Bengal

Signature
13.11.19

Junior Engineer
Siliguri Division, M.E.D. &
Govt. Of West Bengal

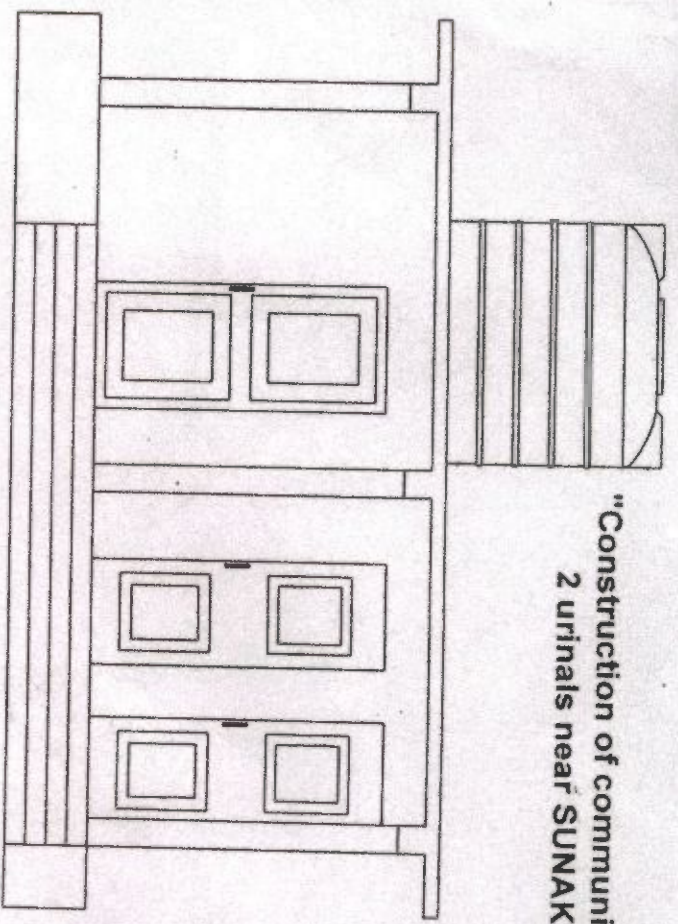
Signature

Chairman
Kalimpong Municipality
Kalimpong

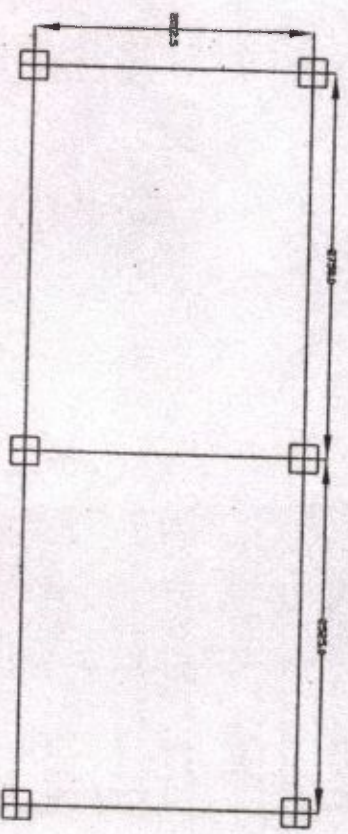
Signature

Samridhi Rai
SUB. ASST. ENGINEER
KALIMPONG MUNICIPALITY

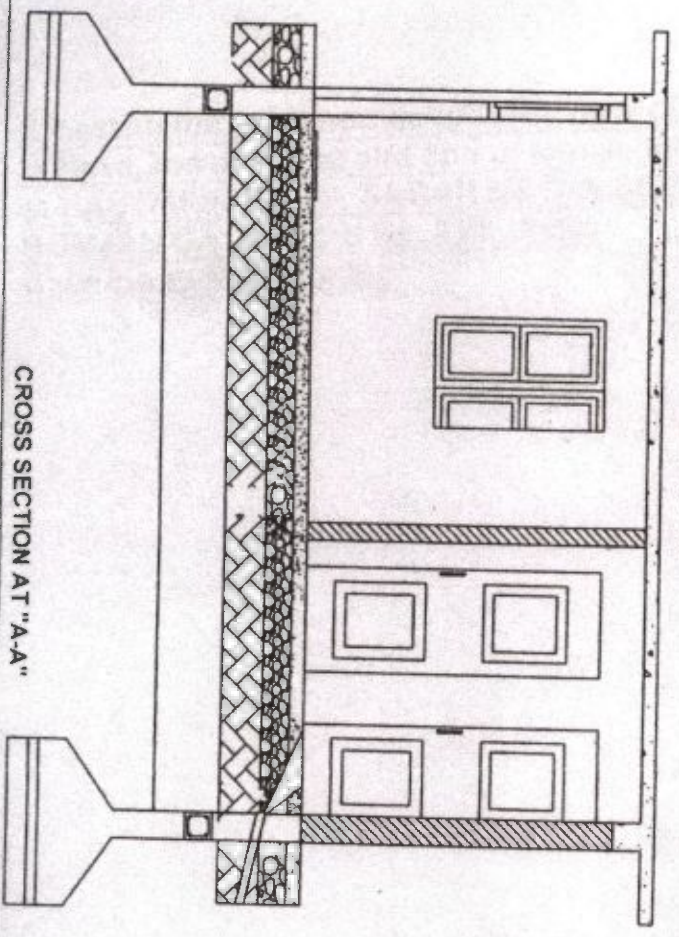
"Construction of community toilet consisting of 2 gents latrines, 2 ladies latrines and 2 urinals near SUNAKHARI SAMAJ, within ward no. XXIII under Kalimpong Municipality."



FRONT ELEVATION



COLUMN LAYOUT

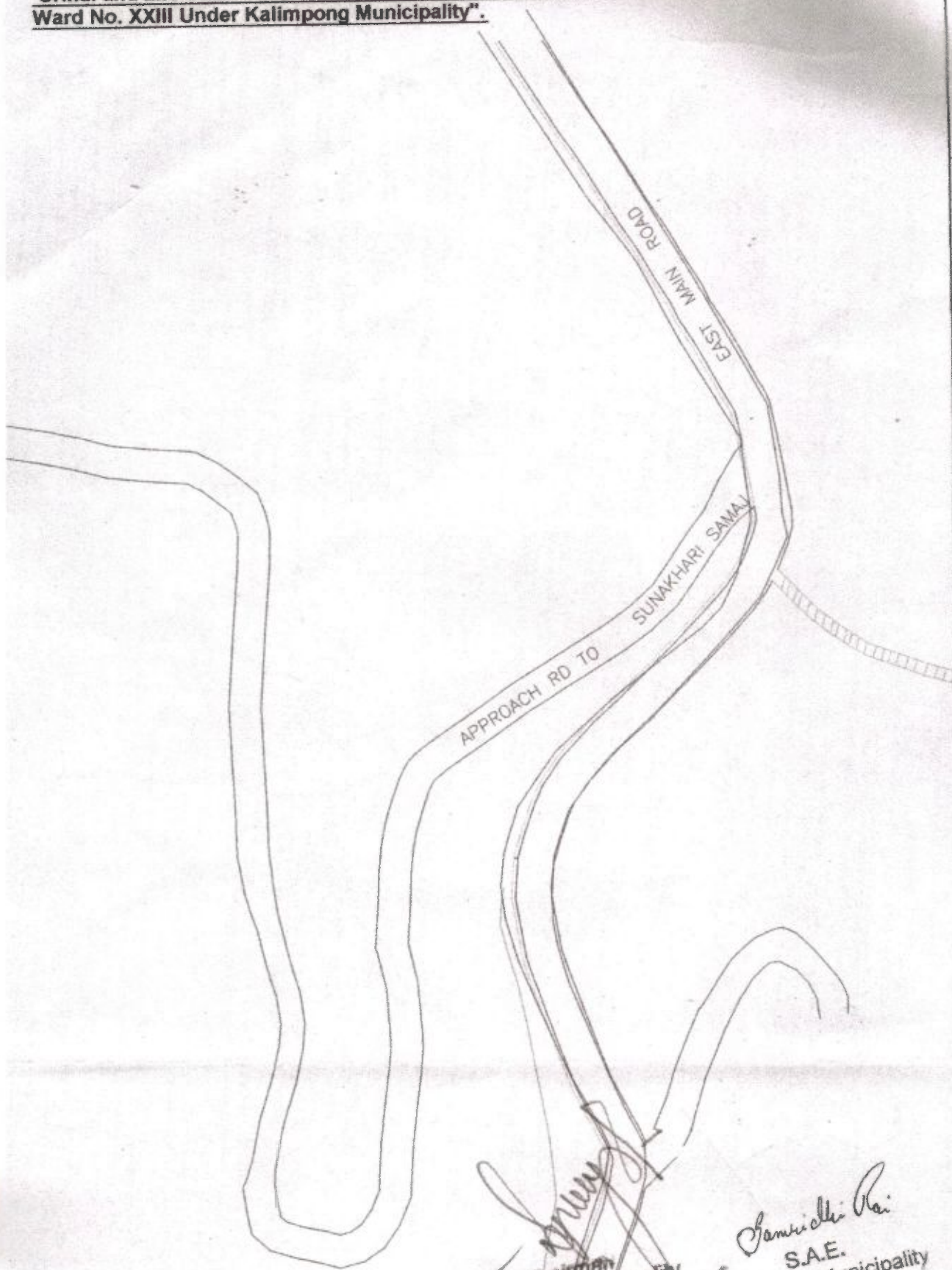


CROSS SECTION AT "A-A"

SCHEDULE FOR DOORS AND WINDOWS
 D = 900 X 2100
 D1 = 750 X 2100
 W = 1000 X 1220
 W1 = 750 X 864
 ALL DIMENSIONS ARE IN MM

13.11.21
Junior Engineer
Sub Division
Govt. Of West Bengal
Chairman
Kalimpong Municipality
Samirjit Rai
SUB. ASST. ENGINEER
Executive Engineer
Sub Division, M.E. Die
Govt. Of West Bengal
Calcutta
13.11.21
Sub Division, M.E. Die
Govt. Of West Bengal

"Construction of Community Toilet (2nos of male latrines, 2no of Urinal and 2no of female latrines) AT SUNA KHARI SAMAJ Ward No. XXIII Under Kalimpong Municipality".



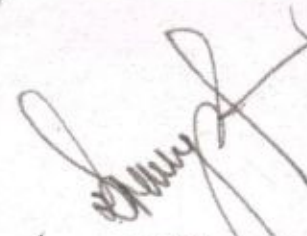
[Signature]
Chairman
Kalimpong Municipality

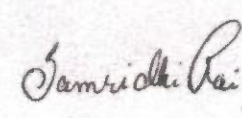
[Signature]
S.A.E.
Kalimpong Municipality

Kalimpong Municipality".

WARD - 22

PROPOSED SITE


Chairman
Kalimpong Municipality


S.A.E.
Kalimpong Municipality

OFFICE OF THE BOLPUR MUNICIPALITY
BOLPUR : BIRBHUM

Chairman : Sri Susanta Bhakat
Vice Chairman : Sri Naresh Chandra Bauri

Tel No. 03463 252501
Fax No.03463 252501
Nanoor Chandidas
Road, Bolpur,
Birbhum.

Memo No. 1409/BM/PMAY/2019-20

Dated 21-11-19

To
The Additional District Magistrate, Birbhum
& Additional Executive Officer,
Birbhum Zilla Parishad,
Suri, Birbhum.

Sub:- Proposal for Community Latrine at Bandhgora High School under the Scheme Mission Nirmal Bangla (IHHL) of Bolpur Municipality.

Sir,

We have got sanctioned 1785 units IHHL under this Municipality. Out of that 1715 units IHHL have been completed. For rest 70 units we are already disbursed Rs. 4000 per unit for 1st installment to the approved beneficiaries but unfortunately they are less interested to complete as per our guideline as a result out of Rs. 1,42,62,150.00 fund Rs. 2,75,320.00 (Rupees two lacks seventy five thousand three hundred twenty) only lacks still unutilised balance.

We have planned to construct one community latrine at Bandhgora High School within that savings amount i.e.Rs. 2,75,320.00. Hence we proposed to you for permission to construct Community Latrine on the said place.



Encl: Drawing & estimate.

Yours faithfully


Chairman
Bolpur Municipality

OFFICE OF THE BOLPUR MUNICIPALITY

BOLPUR, BIRBHUM

Estimate for the work : Construction of Gents Toilet Room (2 Nos.) & Urinal Room (5 Nos.) at "Bandhgora Kallikrishna Vidyalaya" School premises in ward no-07 under Bolpur Municipality.

Estimate No :-

Dated :-

Based on P.W.D.(W.B) Schdule of rates for Buliding, Sanitary & Plumbing works w.e.f. 01.11.2017 & upto 6th Corrigenda & Addenda w.e.f. 29.07.2019

Sl. NO.	Description of Items	Unit	Quantity	Rate (Rs./Unit)	Amount (Rs. - P.)																																																																															
1	Page No.-01, Item No.-2(a) Earth working excavation of foundation trenches or drains in all shorts of soil (including mix soil but excluding laterite or sand stone) including removing, spreading the spols with in a lead of 75 m as directed. The items includes necessary trimming the sites of trenches leveling, dreassing. (a) Depth of Excavation not exceeding 1500 mm. <table><tr><td>For Column footing</td><td>9</td><td>x</td><td>1.200</td><td>x</td><td>1.200</td><td>x</td><td>1.200</td><td>=</td><td>15.552</td></tr><tr><td>For Tie Beam</td><td>1</td><td>x</td><td>15.50</td><td>x</td><td>0.250</td><td>x</td><td>0.350</td><td>=</td><td>1.356</td></tr><tr><td colspan="8">Total =</td><td>=</td><td>16.908</td></tr></table>	For Column footing	9	x	1.200	x	1.200	x	1.200	=	15.552	For Tie Beam	1	x	15.50	x	0.250	x	0.350	=	1.356	Total =								=	16.908	% Cu.m	16.908	11927.00	2016.62																																																	
For Column footing	9	x	1.200	x	1.200	x	1.200	=	15.552																																																																											
For Tie Beam	1	x	15.50	x	0.250	x	0.350	=	1.356																																																																											
Total =								=	16.908																																																																											
2	Page No.-02, Item No.-4(b.) Filling in foundation or plinth by silver sand in layers not exceeding 150mm as directed and consoledating same by through saturation with water ramming complete, includig the post of supply of sand. (Payment to be made on basis of measurement of finished quantity of work) (B) Do- by fine sand. <table><tr><td>For Filling Column Trenches</td><td colspan="7">1/3 rd of total volume of Item No-1 Column footing</td><td>=</td><td>5.184</td></tr><tr><td>For Column footing</td><td>9</td><td>x</td><td>1.200</td><td>x</td><td>1.200</td><td>x</td><td>0.150</td><td>=</td><td>1.944</td></tr><tr><td>For Tie Beam</td><td>1</td><td>x</td><td>24.50</td><td>x</td><td>0.250</td><td>x</td><td>0.075</td><td>=</td><td>0.459</td></tr><tr><td>Floor of Urinal Room</td><td>5</td><td>x</td><td>2.100</td><td>x</td><td>1.200</td><td>x</td><td>0.450</td><td>=</td><td>5.670</td></tr><tr><td>Floor of Toilet Room</td><td>2</td><td>x</td><td>2.100</td><td>x</td><td>1.500</td><td>x</td><td>0.450</td><td>=</td><td>2.835</td></tr><tr><td rowspan="2">Front Stair</td><td>1</td><td>x</td><td>3.250</td><td>x</td><td>0.750</td><td>x</td><td>0.100</td><td>=</td><td>0.244</td></tr><tr><td>2</td><td>x</td><td>1.200</td><td>x</td><td>0.750</td><td>x</td><td>0.100</td><td>=</td><td>0.180</td></tr><tr><td colspan="8">Total =</td><td>=</td><td>16.516</td></tr></table>	For Filling Column Trenches	1/3 rd of total volume of Item No-1 Column footing							=	5.184	For Column footing	9	x	1.200	x	1.200	x	0.150	=	1.944	For Tie Beam	1	x	24.50	x	0.250	x	0.075	=	0.459	Floor of Urinal Room	5	x	2.100	x	1.200	x	0.450	=	5.670	Floor of Toilet Room	2	x	2.100	x	1.500	x	0.450	=	2.835	Front Stair	1	x	3.250	x	0.750	x	0.100	=	0.244	2	x	1.200	x	0.750	x	0.100	=	0.180	Total =								=	16.516	% Cu.m	16.516	57255.00	9456.24
For Filling Column Trenches	1/3 rd of total volume of Item No-1 Column footing							=	5.184																																																																											
For Column footing	9	x	1.200	x	1.200	x	0.150	=	1.944																																																																											
For Tie Beam	1	x	24.50	x	0.250	x	0.075	=	0.459																																																																											
Floor of Urinal Room	5	x	2.100	x	1.200	x	0.450	=	5.670																																																																											
Floor of Toilet Room	2	x	2.100	x	1.500	x	0.450	=	2.835																																																																											
Front Stair	1	x	3.250	x	0.750	x	0.100	=	0.244																																																																											
	2	x	1.200	x	0.750	x	0.100	=	0.180																																																																											
Total =								=	16.516																																																																											
3	Page No.-14, Item No.- 1 Single Brick Flat Soling of picked Jhama Brick including ramming and dressing bed to proper level and filling joints with powder earth or local sand. <table><tr><td>For Column footing</td><td>9</td><td>x</td><td>1.200</td><td>x</td><td>1.200</td><td></td><td>=</td><td>12.960</td></tr><tr><td>For Tie Beam</td><td>1</td><td>x</td><td>24.50</td><td>x</td><td>0.250</td><td></td><td>=</td><td>6.125</td></tr><tr><td>Floor of Urinal Room</td><td>5</td><td>x</td><td>2.100</td><td>x</td><td>1.200</td><td></td><td>=</td><td>12.600</td></tr><tr><td>Floor of Toilet Room</td><td>2</td><td>x</td><td>2.100</td><td>x</td><td>1.500</td><td></td><td>=</td><td>6.300</td></tr><tr><td rowspan="2">Front Stair</td><td>1</td><td>x</td><td>3.250</td><td>x</td><td>0.750</td><td></td><td>=</td><td>2.438</td></tr><tr><td>2</td><td>x</td><td>1.200</td><td>x</td><td>0.750</td><td></td><td>=</td><td>1.800</td></tr><tr><td colspan="8">Total =</td><td>=</td><td>42.223</td></tr></table>	For Column footing	9	x	1.200	x	1.200		=	12.960	For Tie Beam	1	x	24.50	x	0.250		=	6.125	Floor of Urinal Room	5	x	2.100	x	1.200		=	12.600	Floor of Toilet Room	2	x	2.100	x	1.500		=	6.300	Front Stair	1	x	3.250	x	0.750		=	2.438	2	x	1.200	x	0.750		=	1.800	Total =								=	42.223	Sq.m	42.223	266.00	11231.32																
For Column footing	9	x	1.200	x	1.200		=	12.960																																																																												
For Tie Beam	1	x	24.50	x	0.250		=	6.125																																																																												
Floor of Urinal Room	5	x	2.100	x	1.200		=	12.600																																																																												
Floor of Toilet Room	2	x	2.100	x	1.500		=	6.300																																																																												
Front Stair	1	x	3.250	x	0.750		=	2.438																																																																												
	2	x	1.200	x	0.750		=	1.800																																																																												
Total =								=	42.223																																																																											

SL NO.	Description of Items	Unit	Quantity	Rate (Rs./Unit)	Amount (Rs. - P.)
B.F. =					22704.17
4	Page No.-24, Item No.- 4(a) Ordinary cement concrete (mix 4:2:1) with grade stone chips (20mm down excluding shuttering and reinforcement. If any in ground floor as per relevent IS Codes (a) Pakur Variety				
	For Column footing	9 x 1.200 x 1.200 x 0.100 =	1.296		
	For Tie Beam	1 x 24.50 x 0.250 x 0.075 =	0.459		
	Floor of Urinal Room	5 x 2.100 x 1.200 x 0.075 =	0.945		
	Floor of Toilet Room	2 x 2.100 x 1.500 x 0.075 =	0.473		
	Front Stair	1 x 3.250 x 0.750 x 0.075 =	0.183		
		2 x 1.200 x 0.750 x 0.075 =	0.135		
	Total =			3.491	
		Cu.m	3.491	4770.66	16654.37
5	Page No.-26, Item No.- 7(i) Ordinary cement concrete (mix 1:1.5:3)) M-20 with grade stone chips (20mm down excluding shuttering and reinforcement. If any in ground floor as per relevent IS Codes. (i) Pakur Variety				
	A. GROUND FLOOR				
	For Column Footing	9 x 1.200 x 1.200 x 0.150 =	1.944		
	Footing-(slope portion)	9 x 0.751 x 0.200 =	1.352		
	For Column (Below Tie Beam.)	9 x 0.250 x 0.250 x 0.350 =	0.197		
	For Tie Beam	1 x 27.00 x 0.250 x 0.250 =	1.688		
	Column upto Lintel	9 x 0.250 x 0.250 x 2.575 =	1.448		
	Column above Lintel	4 x 0.250 x 0.250 x 0.600 =	0.150		
	Lintel	1 x 30.750 x 0.250 x 0.150 =	1.153		
	Roof Beam	1 x 11.200 x 0.250 x 0.150 =	0.420		
	Roof Slab	1 x 3.500 x 3.350 x 0.100 =	1.173		
	Chajja of W2	6 x 0.900 x 0.450 x 0.075 =	0.182		
	Total =			9.707	
		Cu.m	9.707	5336.45	51800.92
6	Page No.-43, Item No.- 40(a)(II) Reinforcement for reinforced concrete work in the all sorts of structures including distribution bers, stiriups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary) cutting to repuidte length , booking and bending to correct shapes, placing in proper position and binding with 16 mm gauge black anneled wire at every inter section, complete as per drawin and direction. (a) For work in foundation, basement and upto roof of ground floor/upto 4 m. (i) Tor Steel/Mild Steel 1. Other than SAIL/ TATA/RINL				
	A. GROUND FLOOR				
	Total quantity @ 0.85% of concrete volume (Item no.-5)			0.648	
		M.T.	0.648	62135.85	40245.10

C.O. =

131404.57

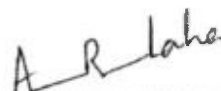
SL NO.	Description of Items										Unit	Quantity	Rate (Rs./Unit)	Amount (Rs. - P.)
	B.F. =													131404.57
7	Page No.-15, Item No.- 08													
	Brick work with 1st class in cement mortar (1:6)													
	(a) In foundation and plinth													
	Over beam upto P.L.	1	x	15.450	x	0.250	x	0.450	=	1.738				
	Front Stair	1	x	6.625	x	0.250	x	0.300	=	0.497				
		2	x	1.200	x	0.250	x	0.300	=	0.180				
	Total =										2.415	Cu.m	2.415	4243.00
	(b) In superstructure, ground floor													
	Wall upto lintel level	1	x	15.750	x	0.250	x	2.100	=	8.269				
	Column above Lintel	1	x	5.500	x	0.250	x	0.600	=	0.825				
	Deduct for Door	2	x	1.200	x	0.250	x	2.100	=	-1.260				
	Deduct for MSD1	2	x	0.750	x	0.250	x	2.100	=	-0.788				
	W2	3	x	0.600	x	0.250	x	0.450	=	-0.203				
	Total =										6.844	Cu.m	6.844	4466.00
8	Page No.-16, Item No.- 16													
	125mm thick brick work with 1st class bricks cement mortar (4:1) in ground floor.													
	Partion of Urinal Room	4	x	1.200	x	1.500			=	7.200				
	Toilet Room	2	x	2.100	x	2.850			=	11.970				
	Total										19.170	Sq.m	19.170	592.00
9	Page No.-42, Item No.- 36													
	Hire and labour charges for shuttering with centering and necessary staging upto 4m using approved stout props and thick hard wood planks of approved thickness with required braching for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of work.(upto roof of ground floor)													
	(f) 25 mm to 30 mm thick wooden shuttering without staging in foundation.													
	A. GROUND FLOOR													
	For Column Footing	9x4	x	1.200	x	0.150			=	6.480				
	For Column (Below G.L.)	9	x	1.000	x	0.350			=	3.150				
	For Tie Beam-Longer side	2	x	27.00	x	0.250			=	13.500				
	Lintel	2	x	27.00	x	0.150			=	8.100				
	Column above Tie Beam	9	x	1.000	x	2.575			=	23.175				
		4	x	1.000	x	0.600			=	2.400				
	Roof Beam	2	x	22.30	x	0.150			=	6.690				
	Roof Slab	1	x	12.200	x	0.100			=	1.220				
	Chajja side of W	4	x	1.800	x	0.100			=	0.720				
	Total										65.435	Sq.m	68.435	205.00
	(a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-in -charge.													
	A. GROUND FLOOR													
	Chajja Bottom	4	x	0.900	x	0.450			=	1.620				
	Roof Slab	1	x	3.000	x	3.000			=	9.000				
	Total										10.620	Sq.m	10.620	328.00

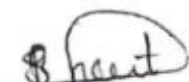
SL NO.	Description of Items	Unit	Quantity	Rate (Rs./Unit)	Amount (Rs. - P.)
B.F. =					201077.89
10	Page No.-189, Item No.- 1 Plastering (b) (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corner as directed and taking out joints including noising drip course, scaffolding by staging where necessary (ground floor). (ii) With 1:4 Cement Mortar (c) 10 mm thick plaster				
	A. GROUND FLOOR				
	Celling of Toilet Room	2	x	2.100 x 1.500	= 6.300
	Front Cantilever	1	x	3.250 x 0.750	= 2.438
	Chajja of W2	4	x	0.900 x 0.700	= 2.520
	Total				= 11.258
	Sq.m 11.258 122.00 1373.48				
	(i) with 1:6 cement mortar (b) 20 mm thick plaster.				
	A. GROUND FLOOR				
	Urinal Room inside	1	x	15.400 x 2.500	= 38.500
Deduct for entrance	2	x	1.200 x 2.500	= -6.000	
Toilet Room inside	2	x	7.200 x 3.000	= 43.200	
Deduct for Door	2	x	0.750 x 2.100	= -3.150	
Total				= 72.550	
Sq.m 72.550 153.00 11100.15					
	(i) with 1:6 cement mortar (c) 15 mm thick plaster.				
	A. GROUND FLOOR				
	Outside of Urinal	1	x	13.500 x 3.000	= 40.500
	Deduct for D	2	x	1.200 x 2.100	= -5.040
	Partion of Urinal Room	7	x	1.200 x 3.125	= 26.250
	Outside of Toilet	1	x	10.750 x 3.725	= 40.044
	Deduct for D	2	x	0.750 x 2.100	= -3.150
	Deduct for W2	4	x	0.600 x 0.450	= -1.080
	Total =				= 97.524
	Sq.m 97.524 135.00 13165.71				
11	Page No.-192, Item No.- 15 Neat cement punning about 1.5 mm thick in wall dado, windows, sills, floor , drain, etc.				
	Sq.m 10.00 34.00 340.00				
12	Sanitary & Plumbing works, Page No.-80, Item No.- 06 Flat back urinal (half stall Urinal) in white viterous chinaware of approved make supplied, fitted & fixed in position with brass screws on 75 mm X75 mm X 75 mm wooden block complete. (i) 635 mm X 395 mm X 420 mm				
	Nos. 5 2869.00 14345.00				

SL NO.	Description of Items	Unit	Quantity	Rate (Rs./Unit)	Amount (Rs. - P.)
B.F. =					241402.23
13	Sanitary & Plumbing works, Page No.-79, Item No.- 01 Supplying, fitting and fixing Shallow water closet Indian pattern (I.P.W.C.) of approved make in white vitreous chinaware in position (excluding cost of concrete for fixing). (iii) 450 mm long	Nos.	2	872.00	1744.00

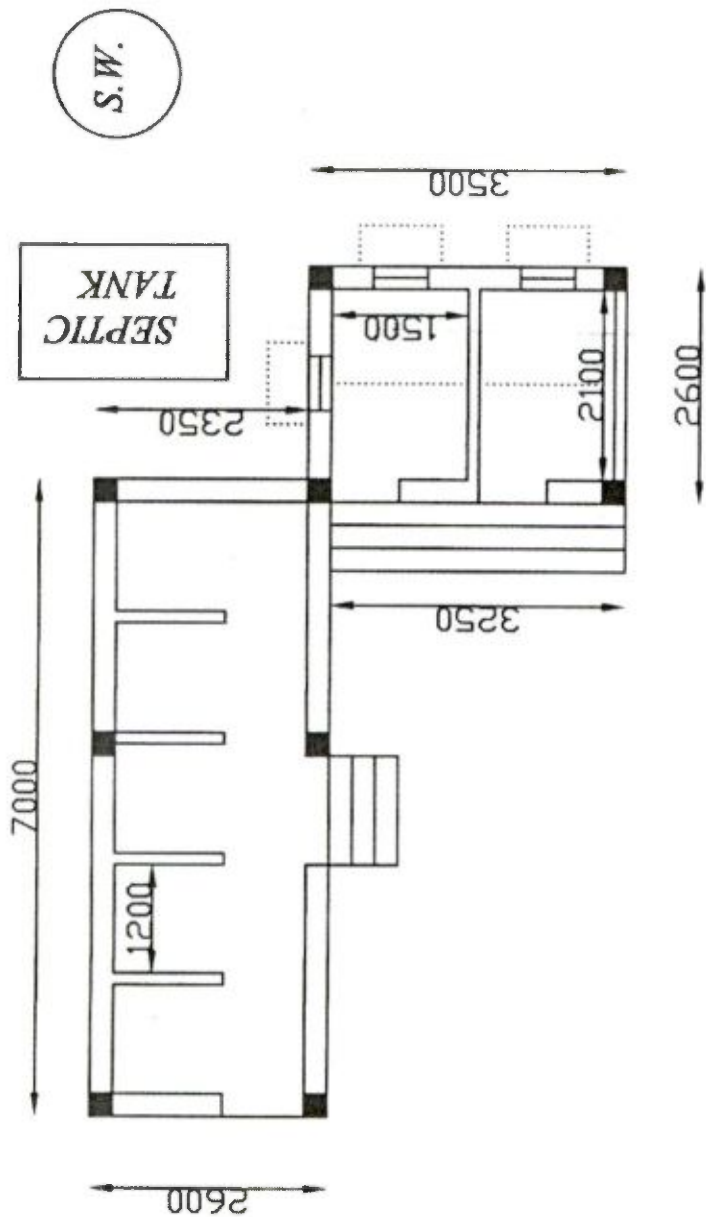
Total = 243146.23
 Add 12 % for SGST+CGST = 29177.55
 Total = 272323.77
 Add 1% for Labour welfare Cess = 2723.24
 Total = 275047.01
 Say Rs. 275047.00

Amount in Words- Two Lakh Seventy Five Thousand Forty Seven Rupees only


 Sign. Of S.A.E.
 Bolpur Municipality
 H.F.A (P.M.A.Y)
 Bolpur Municipality


 Chairman
 Sign. Of Chairman
 Bolpur Municipality
 Bolpur Municipality





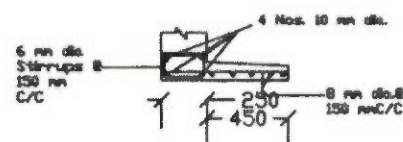
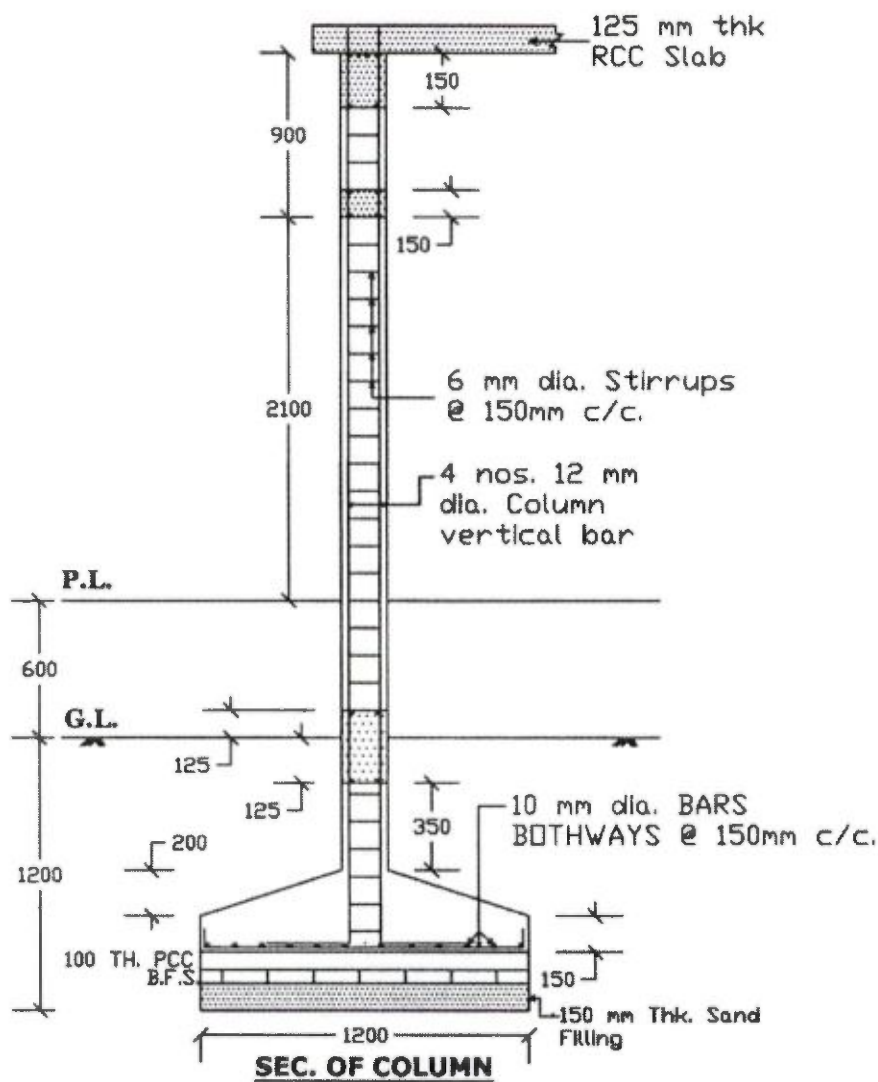
PLAN

URINAL & TOILET ROOM

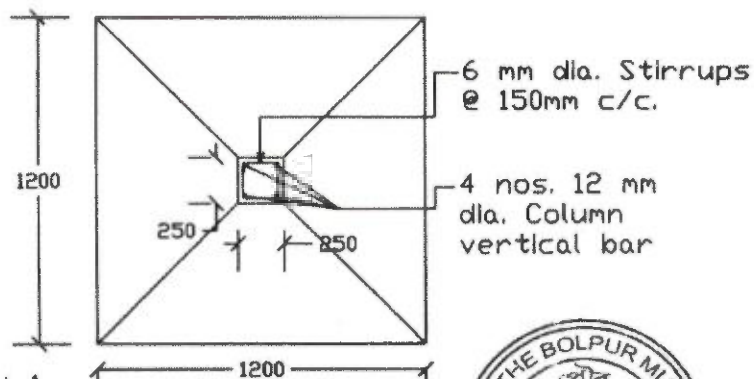
S.A.E.
:A (P.M.A.Y)
ur Municipality



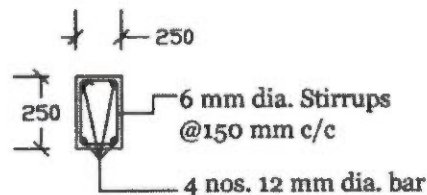
Chairman
Bolpur Municipality



LINTEL & CHAJJA



PLAN OF FOOTING



C/S OF TIE BEAM

A.R. Laha
S.A.E.



[Handwritten signature]

INDEX No. 11-015

H.S. INSTITUTE CODE No. 115072

BANDHGORA KALIKRISHNA VIDYALAYA

(RECOGNISED & GOVT. AIDED)

ESTD. : 1945

P.O. : BOLPUR, BIRBHUM, WEST BENGAL

PHONE : 252-517

Memo No. 43/2019

Dated. 26-11-2019

Form : Secretary
Headmaster

Sub :



To
The Chairman
Bolpur Municipality
Bolpur , Birbhum .

Sub. - "Common Toilet" করার জন্য N.O.C.
দেওয়ার আবেদনপত্র ''।

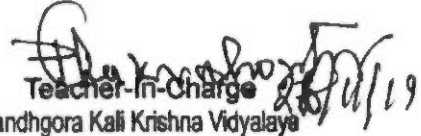
মহাশয় ,

আমাদের বিদ্যালয়ে "Common Toilet" নির্মাণ করলে ছাত্ররা
খুবই উপকৃত হবে । সে বিষয়ে আমাদের কোন আপত্তি নেই ।

অতএব মহাশয় , আমাদের বিদ্যালয়ে "Common Toilet"
নির্মাণ করার জন্য সুপারিশ করছি ।

নমস্কারান্তে ,

বিনীত -


Teacher-in-Charge
Bandhgora Kali Krishna Vidyalaya
Bolpur, Birbhum

জেলা - বীরভূম	সাল - ২১৭৮	০৩১১১০০
জেলা - বাঁধলাড়া	(১) জমি, ১০০	খানা - বোলপুর
(১) রাজস্ব - ৭৩৫.০০		
(২) জমির মোট পরিমাণ - ৪.৪২০০	একর (৩) মোট দাগের সংখ্যা - ১০	
(৪) অত্রস্বত্বের দখলকারের বিবরণ		
নাম	বাঁধলাড়া কালীকৃষ্ণ বিদ্যালয়ের	রায়ত
পিতা/স্বামী	পক্ষে সম্পাদক	
ঠিকানা		



(৫) অত্রস্বত্বের নিজ দখলীয় জমি :

দাগ নম্বর	জমির শ্রেণী	মন্তব্য	দাগের মোট পরিমাণ	দাগের মধ্যে অত্র স্বত্বের	দাগের মধ্যে অত্র- স্বত্বের জমির অংশের পরিমাণ	
			একর	অংশ	একর	ভাগ
১৪৫৬	শালি		০.৩০০০	১.০০০০	০.৩০০০	
১৪৬৫	শালি		০.১০০০	১.০০০০	০.১০০০	
১৫১৮	ডাঙ্গা		০.২৯০৪	০.৯৮০৯	০.২৮০০	
১৫১৯	মকুল		০.১৫০০	১.০০০০	০.১৫০০	
১৫২০	মকুল		০.০৪০০	১.০০০০	০.০৪০০	
১৫২১	মকুল		০.০৮০০	১.০০০০	০.০৮০০	
১৫২২	বাড়ী	দালান - ১	০.০২০০	১.০০০০	০.০২০০	
১৫২৩	শালি	দালান - ১	০.৩৭৬৬	০.৪৫১৪	০.১৭০০	
১৫২৭	বাড়ী		০.১০০০	০.১০০০	০.০১০০	
৩০০৫	শালি	দালান - ১	০.১৪০০	০.৩৩৩৩	০.৩১০০	

certified to be a true copy
A. O.
P. L. B. A. R. O. Office
T. L. B. A. R. O. Office





OFFICE OF THE COUNCILLORS

Jiaganj-Azimganj Municipality
P.O.-Azimganj; Dist.-Murshidabad
West Bengal; PIN-742122.

e-mail – jamunicipality@gmail.com
Phone: 03483-253222

Memo No – 259/P.W.D/XXII-23(IHHL)/J.A.M/2019,

Dated – 11.11.2019.

To

The Director,

State Urban Development Agency (SUDA),

ILGUS Bhaban, H.C. Block,

Salt Lake City, Kolkata – 700 091.



ADGM/
say

Sub:- Submission of DPR for construction of “Community Toilet” under Jiaganj – Azimganj Municipality.

Dear Sir,

With reference to the above mention subject I would like to draw your kind attention that Mr. Subrata Gupta, Honorable Principal Secretary at the meeting on 22.02.019 at 11.00 AM in the Conference Hall of ‘SUBHANNA’ said that if you construct restaurant or something with construction of a community toilet, then the community toilets can be identified separately and the community toilets are well utilized and cleaned.

In view of his valuable advice, we would like to construct community toilets on the river embankment where maximum ODF happened. So if we can able to construct ‘Pay & Use Toilet’ and other activities like ‘Changing Room’, ‘River View Point’ etc then many people will be frequently visited the site and hope automatically will be possible to control the river pollution & ODF.

Beside this our municipality is twin town and there are two Railways line, one Lalgola - Sealdah and another Malda – Howra main line and there are required some ‘Community Bio-Toilet’ on the land of Railway to solve ODF.

So I am submitted the following schemes :-

Sl	Name of Scheme	Vetted Amount (Rs.)
1	Construction of “Pay & Use Toilet” at Jiaganj Sadar Ferry Ghat, Ward No – 06, under Jiaganj – Azimganj Municipality.	9,35,240.00 ✓



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Phone: 03483-253222

2	Construction of Model – A type “Pay & Use Toilet” at Kashiganj Burning Ghat , Ward No – 07, under Jiaganj – Azimganj Municipality.	9,35,240.00 ✓
3	Construction of Model – A “Pay & Use Toilet” at Sukanta Pally , Ward No – 15, under Jiaganj – Azimganj Municipality.	9,35,240.00 ✓
4	Construction of Model – A “Pay & Use Toilet” at Y.A.M.A Plat Ground , Ward No – 14, under Jiaganj – Azimganj Municipality.	9,35,240.00 ✓
5	Construction of Model – B “Pay & Use Toilet, Changing Room & River View Point” at Azimganj Neemtala Ferry Ghat , Ward No – 17, under Jiaganj – Azimganj Municipality.	15,17,638.00 9,12,000
6	Construction of Model – B “Pay & Use Toilet, Changing Room & River View Point” at Azimganj Shibtala Ferry Ghat , Ward No – 17, under Jiaganj – Azimganj Municipality.	15,17,638.00 9,12,000
7	Repair / Renovation of “Pay & Use Toilet” at Azimganj Sadar Ferry Ghat, Ward No – 13, under Jiaganj – Azimganj Municipality.	2,92,748.00 11,58,000
8	Construction of ‘ Community Bio-Toilet ’ at Railway Slum, Valladanga , Ward No – 03, under Jiaganj – Azimganj Municipality.	4,99,600.00
9	Construction of ‘ Community Bio-Toilet ’ at Railway Slum, Valladanga Muslimpara , Ward No – 15, under Jiaganj – Azimganj Municipality.	4,99,600.00
10	Construction of ‘ Community Bio-Toilet ’ at Railway Slum, Ghoshpara Railerdhar , Ward No – 01, under Jiaganj – Azimganj Municipality.	4,99,600.00
11	Construction of ‘ Community Bio-Toilet ’ at Railway Slum, Azimganj City Level Crossing , Ward No – 13, under Jiaganj – Azimganj Municipality.	4,99,600.00
12	Construction of ‘ Community Bio-Toilet ’ at Railway Land, Azimganj City Market (AasPass) , Ward No – 13, under Jiaganj – Azimganj Municipality.	4,99,600.00
13	Construction of ‘ Community Bio-Toilet ’ at Railway Slum, Basulitala , Ward No – 17, under Jiaganj – Azimganj Municipality.	4,99,600.00



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Phone: 03483-253222

Memo No – 277/P.W.D/XXII-23(1HHL)/J.A.M/2019,

Dated – 26.11.2019.

To

The Joint Secretary, Govt. of West Bengal,
Urban Development & Municipal Affairs Department,
Nagarayan, DF-8, Sector -1, Salt Lake City,
Kolkata – 700 0064.

Sub:- Total Number of W.C and Urinal of submitted DPR for construction of “Community Toilet” under Jiaganj – Azimganj Municipality vide our memo No - 259/P.W.D/XXII-23(1HHL)/J.A.M/2019, Dated – 11.11.2019.

Dear Sir,

With reference to the above mention subject the undersigned hereby furnishing the total number of W.C and Urinal of respective ‘Community Toilet as below :-

Sl	Name of Scheme	No. of W.C	Urinal
1	Construction of “Pay & Use Toilet” at Jiaganj Sadar Ferry Ghat , Ward No – 06, under Jiaganj – Azimganj Municipality.	8	10
2	Construction of Model – A type “Pay & Use Toilet” at Kashiganj Burning Ghat , Ward No – 07, under Jiaganj – Azimganj Municipality.	8	10
3	Construction of Model – A “Pay & Use Toilet” at Sukanta Pally , Ward No – 15, under Jiaganj – Azimganj Municipality.	8	10
4	Construction of Model – A “Pay & Use Toilet” at Y.A.M.A Plat Ground , Ward No – 14, under Jiaganj – Azimganj Municipality.	8	10
5	Construction of Model – B “Pay & Use Toilet, Changing Room & River View Point” at Azimganj Neemtala Ferry Ghat , Ward No – 17, under Jiaganj – Azimganj Municipality.	8	4
6	Construction of Model – B “Pay & Use Toilet, Changing Room	8	4



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	& River View Point" at Azimganj Shibatala Ferry Ghat, Ward No – 17, under Jiaganj – Azimganj Municipality.		
7	Repair / Renovation of "Pay & Use Toilet" at Azimganj Sadar Ferry Ghat, Ward No – 13, under Jiaganj – Azimganj Municipality.	8	12
8	Construction of 'Community Bio-Toilet' at Railway Slum, Valladanga, Ward No – 03, under Jiaganj – Azimganj Municipality.	4	-
9	Construction of 'Community Bio-Toilet' at Railway Slum, Valladanga Mushimpara, Ward No – 15, under Jiaganj – Azimganj Municipality.	4	-
10	Construction of 'Community Bio-Toilet' at Railway Slum, Ghoshpara Railerdhar, Ward No – 01, under Jiaganj – Azimganj Municipality.	4	-
11	Construction of 'Community Bio-Toilet' at Railway Slum, Azimganj City Level Crossing, Ward No – 13, under Jiaganj – Azimganj Municipality.	4	-
12	Construction of 'Community Bio-Toilet' at Railway Land, Azimganj City Market (AasPass), Ward No – 13, under Jiaganj – Azimganj Municipality.	4	-
13	Construction of 'Community Bio-Toilet' at Railway Slum, Basulitala, Ward No – 17, under Jiaganj – Azimganj Municipality.	4	-
14	Construction of 'Community Bio-Toilet' near U.B.I bank, Ward No – 11, under Jiaganj – Azimganj Municipality.	4	-
Total=		84	60

Chairman

Jiaganj – Azimganj Municipality

Chairman

Jiaganj-Azimganj Municipality



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Jiaganj-Azimganj Municipality
P.O.-Azimganj; Dist.-Murshidabad
West Bengal; PIN-742122.

e-mail – jamunicipality@gmail.com

Phone: 03483-253222

14	Construction of 'Community Bio-Toilet' near U.B.I bank, Ward No – 11, under Jiaganj – Azimganj Municipality.	4,99,600.00
Total=		1,05,66,184.00

So I am requesting you kindly approve our proposal and release the fund of Rs. 1,05,66,184.00 (Rupees One crore five lakh sixty six thousand one hundred eighty four only) and obliged.

Chairman

Jiaganj – Azimganj Municipality

Prasenjit Ghosh (Manu)
Chairman

Jiaganj-Azimganj Municipality

Memo No – 259(1)/P.W.D/XXII-23(IHHL)/J.A.M/2019,

Dated – 11.11.2019.

Copy forwarded for information and necessary action to:-

1. The Addl. District Magistrate (MA), Dist. - Murshidabad.

Chairman

Jiaganj-Azimganj Municipality.

JIAGANJ - AZIMGANJ MUNICIPALITY

Estimate

Model "Pay & Use Toilet", under I.H.H.L within Jiaganj - Azimganj Municipality. Model - A

(As per P.W.D Building Schedule of Rates w.e.f 01.11.2017 and 3rd. Corrigenda & Addenda)

Sl	Description of Items	Quantity	Unit	Rate	Amount
1	PWD Building Schedule, Page No - 10, Item No - 02. Dismantling all types of plain cement concrete works, stacking serviceable materials at site and reremoving rubbish as directed within a lead of 75 m In ground floor including roof. (a) upto 150 mm. thick	1.757	Cu.m.	939.00	1,649.82
2	PWD Building Schedule, Page No - 01, Item No - 02. Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.	11.392	Cu.m.	120.47 119.27	1,372.39 1358.72
3	PWD Building Schedule, Page No - 01, Item No - 03. Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) (a) With earth obtained from excavation of foundation.	2.278	Cu.m.	78.31 77.54	178.39 176.64
4	PWD Building Schedule, Page No - 47, Item No - 03. Supplying and laying Polythene Sheet (150gm/sq.m.) over damp proof course or below flooring or roof terracing or in foundation trenches.	35.940	Sq.m.	24.00	862.56
5	PWD Building Schedule, Page No -12, Item No - 05. Ordinary Cement concrete (mix 1:2:4) with graded stone chips(20 mm.size) excluding shuttering and reinforcement, if any, in ground floor as per relent I.S Code. a) Pakur / Chandil Variety	4.180	Cu.m.	5,523.78	23,089.40
6	PWD Building Schedule, Page No -15, Item No - 7 Brick work with 1st class bricks in cement mortar (4:1) (a) In foundation and plinth (b) In superstructure, ground floor	6.163 12.580	Cu.m. Cu.m.	5,197.00 5,420.00	32,029.11 68,183.60
7	PWD Building Schedule, Page No -42, Item No - 36. Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work	126.558	Sq.m.	365.00	46,193.67
8	PWD Building Schedule, Page No - 26, Item No - 10. Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips(20 mm.size) excluding shuttering and reinforcement, if any, in ground floor. a) Pakur / Chandil Variety	13.051	Cu.m.	6,072.36	79,250.37

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	Description of Items	Quantity	Unit	Rate	Amount
9	PWD Building Schedule, Page No - 43, Item No - 40. Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every inter-section, complete as per drawing and direction. (a) For works in foundation, basement and upto roof of ground floor / upto 4m. (ii) Tor steel Rod/HYSD/Fe415/Fe 500D I. Other than SAIL/TATA/RINL(As per 6th. Corrigendum)	1.229	MT	68,053.00	83,637.14
10	PWD Building Schedule, Page No - 31, Item No - 30. 125 mm. thick brick work with 1st class bricks in cement mortar (3:1) in ground floor.	43.915	Sq.m.	706.00	31,003.99
11	PWD Building Schedule, Page No - 2, Item No - 04. Filling in foundation or plinth by silver sand in layers not exceeding 150 mm. as directed and consolidating same by thorough saturation with water ramming complete, including the cost of supply of sand. (Payment to be made on measurement of finished quantity) (a) Do - by fine sand	12.113	Cu.m.	711.81	8,622.15
12	PWD Building Schedule, Page No - 17, Item No - 21. (b) 75 mm. thick brick work with 1st class bricks set in sand cement mortar (3:1) in ground floor including H.B. netting in every alternate layer.	1.440	Sq.m.	514.00	740.16
13	PWD Building Schedule, Page No - 189, Item No - 01 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or rougening of concrete surface, including throating, nosing and drip course where necessary (ground floor)				
13.01	(ii) With 4:1 cement mortar (b) 15 mm. thick plaster	67.880	Sq.m.	158.00	10,725.04
13.02	(i) With 6:1 cement mortar (b) 20 mm. thick plaster	128.492	Sq.m.	163.00	20,944.20
13.03	(c) 15 mm. thick plaster	122.393	Sq.m.	142.00	17,379.81
14	PWD Building Schedule, Page No - 66, Item No - 36. Supplying and laying true to line Vitrified tiles of approved brand (size not less than 600 X 600 X 10 mm thick) in floor skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91 Kg./Sq.m. or using polymerised adhesive (6mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 kg of cement per sq.m. below motar only, joints, grouted with admixture of white cement and colouring pigment to much colour of tiles / expositive grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturers specification and direction of Engineer - in - Charge (White cement, synthetic adhesive and grout material to be supplied by the contractor).				

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Sl	Description of Items	Quantity	Unit	Rate	Amount
	With application slurry @ 1.75 Kg/Sq.m., 20 mm sand cement mortar(1:4) & 2 mm thick cement slurry at back side tiles, 02 kg/Sq.m. white cement for joint filling with pigment. (A) Deep Colour & White	48.217	Sq.m.	1690.00 1,685.00	81,245.65 81486.73
15	PWD Building Schedule, Page No - 64, Item No - 35. Supplying, fitting & fixing 1st quality Ceramic tiles in wall and floors to match with the existing work & 4 nos. of key stones (10 mm) fixed witharaldite at back of each tiles & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tile including roughning of concrete surface, if necessary or by synthetic adhesive & grout materials etc. (B) Wall : - With sand cement mortar(1:3) 15 mm thick cement slurry at back side of tiles using cement @2.91 Kg/Sq.m. & joint filling using white cement slurry @ 0.20 Kg/Sq.m. (a) Area of each tile uotp 0.09 Sq.m. i) Coloured decorative -	76.380	Sq.m.	746.00	56,979.48
16	PWD Building Schedule, Page No - 204, Item No - 5. (b) Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand (1.5 mm thick) Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothning of surface. Two Coats	57.766	Sq.m.	110.00	6,354.26
17	PWD Building Schedule, Page No - 114 Item No - 01. Wood work in door and window frame fitted and fixed complete icluding a protective coat of painting at the contact surface of the frame excluding cost of Concrete, Iron Butt Hinges and M.S Clams.(The quantum should be correted upto three decimals). (h) Neem. Jam, Jackfruits	57.766	Sq.m.	70.00	4,043.62
18	PWD Building Schedule, Page No - 140,Item No - 4 Supplying, fitting and fixing M.S. clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1) fitted and fixed complete as per direction.(Cost of cement concrete will be paid separately) (c) 40mm. X 6mm. 125mm.Length.	0.117	Cu.m.	53,057.00	6,207.67
19	PWD Building Schedule, Page No - 140, Item No - 5 Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. (v)75mmx60mmx3.15mm	18.000	Each	20.00	360.00
20	PWD Building Schedule, Page No -141, Item No -8 Iron socket bolt of approved quality fitted and fixed complete. (c) 150mm long x 10mm dia bolt.	12.000	Each	47.00	564.00
21	PWD Building Schedule, Page No - 145, Item No - 30 Anodised aliminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete: (a) With continuous plate base (hexagonal/round rod) (iv) 125mm grip x 10mm dia rod.	3.000	Each	63.00	189.00
22	PWD Building Schedule, Page No -141, Item No - 10 Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting. (c) 300mm long.	3.000	Each	95.00	285.00
23		3.000	Each	166.00	498.00

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Sl	Description of Items	Quantity	Unit	Rate	Amount
24	PWD Building Schedule, Page No -124, Item No - 12. Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to I:S 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order to made the door of solid core and internal lipping with teak, mahogany or rose wood approved decorative veneers using phenol for maldehyde as glue etc. complete, including fitting, fixing the shutters in position but excluding the cost of hinges and other fittings in ground floor: (a) 35mm thick shutters (single leaf)	5.100	Sq.m.	3,955.00 ✓	20,170.50 ✓
25	PWD Building Schedule, Page No - 125, Item No - 15 Supplying, Fitting & Fixing 30 mm thick Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mmx19 mm for styles, top and bottom rails, M.S. frame shall have cost of steel primers of approved make and manufacture, M.S. frame covered with 5 mm th. heat moulded PVC "C" channel of size 30 mm th, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either sides forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm tapered in 45 degree on the inner side to form top & bottom rail and 115 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel with 10 mm (5 mmx2) th. 20 mm wide cross PVC sheet as gap insert for top rail and bottom rail. Paneling of 5 mm th. both side PVC sheet to be fitted in the M.S. frame welded/sealed to the styles & rails with 7 mm (5 mm+2 mm) th.x15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent adhesive etc.	4.725	Sq.m.	1,943.00 ✓	9,180.68 ✓
26	PWD Building Schedule, Page No - 104, Item No - 13. (a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.	50.400	Kg	98.88 ✓	4,983.55 ✓
27	PWD Building Schedule, Page No -200, Item No - 01 (a) Priming one coat on timber, plastered surface with synthetic enamel/ oil bound primer of approved quality including smoothing surfaces by sand papering etc.	16.380	Sq.m.	38.00 ✓	622.44 ✓
28	PWD Building Schedule, Page No -200, Item No - 01 (b) Priming one coat on steel or other metal surface with synthetic enamel/ oil bound primer of approved quality including smoothing surfaces by sand papering etc.	3.360	Sq.m.	29.00 ✓	97.44 ✓
29	PWD Building Schedule, Page No -200, Item No - 02 (A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :				
29.01	(a) On timber or plastered surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white)	16.380	Sq.m.	81.00 ✓	1,326.78 ✓
29.02	(b) On steel or other metal surface : (iv) Two coats (with any shade except white)	3.360	Sq.m.	79.00 ✓	265.44 ✓

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	Description of Items	Quantity	Unit	Rate	Amount
30	PWD Building Schedule, Page No - 233, Item No - 01. Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In- Charge. (Payment will be made on finished length of the work). (A) In 10-12 Micron thickness Anodizing film 1) Natural white a) 2- track sliding window				
30.01	i) Bottom frame	1.000	Mtr.	218.00 ✓	218.00 ✓
30.02	ii) Top and side frame.	6.800	Mtr.	195.00 ✓	1,326.00 ✓
30.03	d) Shutter for all traack sliding window. i) Bottom & Top member.	2.000	Mtr.	117.00 ✓	234.00 ✓
30.04	ii) Style side member.	2.400	Mtr.	119.00 ✓	285.60 ✓
30.05	iii) Interlock member.	2.400	Mtr.	148.00 ✓	355.20 ✓
30.06	h) louvered window. i) Top, bottom and side member.	14.400	Mtr.	183.00 ✓	2,635.20 ✓
30.07	ii) Louvered Section.	18.000	Mtr.	658.00 ✓	11,844.00 ✓
31	PWD Building Schedule, Page No - 205, Item No - 01. (Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall) (ii) 4 mm. thick	3.360	Sq.m.	536.00 ✓	1,800.96 ✓
32	PWD Building Schedule, Page No -197, Item No - 16. Protective and Decorative Textured exterior high class matt finish paint of approved quality, composed of special Tharmoplastic Resin containing fine crystalline additives derive from Granite as per manufacturer's specification and as per direction of EIC to be applied over acrylic primer as required. The rate includes cost of material,labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor Two Coat	122.393	Sq.m.	101.00 ✓	12,361.69 ✓

33) P-196/I-8

Applying Exterior grade Acrylic primer of approved quality and brand on Plastered or Concrete Surface old or new Surface -- etc.

In Ground Floor

② Two Coats

122.393 Sq.m 45.10 5519.59

	Description of Items	Quantity	Unit	Rate	Amount
Sanitary and Plumbing Works :-					
33	PWD S & P Schedule, Page No - 2, Item No - 01. Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials. Payment for painting will be made seperately)				
	(A) For Exposed Work				
33.01	C (ii) 25 mm dia. medium quality	27.500	Mtr.	305.00 ✓	8,387.50 ✓
33.02	(e) (ii) 40 mm dia. medium quality	12.000	Mtr.	415.00 ✓	4,980.00 ✓
33.03	(B) For Concealed Work				
	(a) 15 mm dia. medium quality	38.100	Mtr.	238.00 ✓	9,067.80 ✓
34	PWD S & P Schedule, Page No - 5, Item No - 05. Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only). (vii) 25 mm dia	2.000	Each	778.00 ✓	1,556.00 ✓
35	PWD S & P Schedule, Page No - 6, Item No - 07. Supplying, fitting and fixing bib cock or stop cock.				
35.01	(a) (i) Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.000	Each	539.00 ✓	2,156.00 ✓
35.02	(b) (i) Chromium plated Stop Cock (Equivalent to Code No. 513(A) & 513(B) & Model - Tropical / Sumthing Special of ESSCO or similar	9.000	Each	493.00 ✓	4,437.00 ✓
36	PWD S & P Schedule, Page No - 36, Item No - 02. Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.	4.000	Each	1,015.00 ✓	4,060.00 ✓
37	PWD S & P Schedule, Page No - 37, Item No - 06. Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (a) 500 litre capacity	1.000	Each	2,584.00 ✓	2,584.00 ✓
38	PWD S & P Schedule, Page No - 37, Item No - 09. Labour for hoisting plastic water storage tank. (i) Upto 1500 litre capacity. (a) 1st story from G.L.	1.000	Each	96.00 ✓	96.00 ✓
39	PWD S & P Schedule, Page No - 38, Item No - 13. Labour for punching hole in plastic water storage tank upto 50 mm dia.	3.000	Each	19.00 ✓	57.00 ✓