



12	Rate proposed for Construction and refurbishment. Specify whether the rate is as per Central Public Works (CPWD) rates or State Schedule of Rates. <i>(as mentioned in the para 9.5 of the SUH guidelines).</i>	WB PWID Ser. 14	
13	Weather the design is resistant to Earth Quake and similar Natural Calamities.	Yes	As per relevant I.S. Code
14	Proposed Date of Completion of Construction of Shelter with Time Line <i>(as mentioned in the para 9.3 of the SUH guidelines).</i>	one year from date of commencement of work	Subject to regular fund flow
15	Any other Financial Support for Construction, refurbishment and or O&M of the Shelter through any other source other than NULM. <i>(as mentioned in the para 9.1 & 9.2 of the SUH guidelines).</i>	NA	NA
16	Arrangement for convergence with other services/ entitlements.		
a)	Name of the Organization which has been identified for operations and Management of the proposed Shelter. Justify their selection. <i>(as mentioned in the para 8.1 of the SUH guidelines).</i>	Yet to be identified by ULB	Initially Katwa Municipality will be responsible for conduction operation & management
b)	Details of the arrangement /Agreement by which the Shelter is Proposed to be managed in the first five years of it's existence. <i>(as mentioned in the para 9.8 of the SUH guidelines).</i>	Necessary arrangement will be made by the ULB later on	
c)	Details of cost estimates for Operation and Management of the Shelter including Staff and their salaries <i>(as mentioned in the para 11.6 of the SUH guidelines)</i>	RS. 30.10 Lakh for Initial 5 years	A separate cost estimate is annexed with D.P.R. For O & M plan
d)	Plan for sustaining the Shelter after 5 years of operation under NULM <i>(as mentioned in the para 9.8 of the SUH guidelines).</i>	Municipality will arrange fund for sustaining the Shelter after 5 Years	After five years Operation and Management will be arranged by the ULB

Signature :
Name with seal of
the Implementing Agency:

Yo
V.O. Assistant Engineer,
Katwa Municipality

P-2
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Katwa Municipality

PROPOSED

SHELTER FOR URBAN HOMELESS


AT

**BESIDE TAC PLAY GROUND (NORTH SIDE),
WARD NO. 17, MOUZA - CHARPATAIHAT,
PLOT NO. 101, KHATIAN NO. 750 & 250,
J.L. NO. NO. 89
UNDER KATWAR MUNICIPALITY**

(Latitude -23.64541900, Longitude -88. 13946577)

KATWA MUNICIPALITY


Sub - Assistant Engineer
Katwa Municipality


Chairman
Katwa Municipality

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PREFACE

The National Urban Housing & Habitat Policy (NUHHP), 2007 aims at promoting sustainable development of habitat in the country with a view to ensuring equitable supply of land, shelter and services at affordable prices to all sections of the society. However, the most vulnerable of these are the urban homeless.

The Urban homeless persons contribute to the economy of the cities and thus the nation's cheap labour in the informal sector; yet they live with no shelter or social security protection. The urban homeless survive with many challenges like no access to elementary public services such as health, education, food, water and sanitation.

National Urban Livelihoods Mission (NULM) aims at providing permanent shelter equipped with essential services to the urban homeless in a phased manner under the Scheme of Shelter for Urban Homeless (SUH).

The objectives of the Shelter for Urban Homeless (SUH) component of NULM scheme are to:

- Ensure availability and access of the urban homeless population to permanent shelters including the basic infrastructure facilities like water supply, sanitation, safety and security.
- Cater to the needs of especially vulnerable segments of the urban homeless like the dependent children, aged, disabled, mentally ill and recovering gravely ill, by creating special sections within homeless shelters and provisioning special service linkages for them.
- Provide access to various entitlements, viz. social security pensions, PDS, ICDS, identity, financial inclusion, education, affordable housing etc. for homeless populations.

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✚ Formulate structures and framework of engagement for development, management and monitoring of shelters and ensuring basic services to homeless persons, by state and civil society organisations including homeless collectives.

In pursuance of the decision taken by the West Bengal State Urban Livelihood Mission for setting up a "Shelter for Urban Homeless (SUH)" under National Livelihood Mission in Kaliyaganj and with a view to providing shelter to the homeless people living in this town, the Board of Councillors' in this Municipality has decided in its meeting held on 29.11.17 that a proposal would be sent to the SULM for setting up a shelter for urban poor in this town.

A survey was conducted for ascertaining the status of the urban homeless and 19 (Nineteen) homeless persons have been identified as poorest of the poor among 50. A project has been prepared in conformity with the objectives and a guideline issued in this regard, which includes interalia, construction of a four storied building with the provision of all amenities as envisaged in the scheme.

It is believed that the proposed project would not only provide shelter to the homeless people belonging to the most vulnerable segment of the society but also could ensure availability and access of those urban homeless people to various other entitlement like social security etc besides the basic civic services like water supply, sanitation, electricity and primary health care etc.


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PROJECT AT A GLANCE			
1	NAME OF TOWN	:	Katwa
2	CATEGORY	:	Municipality
3	STATE		West Bengal
4	DISTRICT	:	Purba Burdwan
5	ADMINISTRATIVE STATUS	:	Municipality
6	POPULATION (2011 CENSUS)	:	81615
7	AREA OF THE TOWN	:	7.93 Sq.Km
8	SHELTER CAPACITY	:	50 PERSON
9	AREA STATEMENT		
i	AREA OF LAND		1798.44 SQM
ii	COVERED AREA		209.42 SQM
iii	FLOOR AREA FOR DORMITORY /ROOM (GF+FF+2ndF+3rdF)		19.82+79.30+79.30+75.45= 253.87 SQM
10	AGENCIES		
	IMPLEMENTING AGENCY	:	Katwa Municipality under technical guidance of MED
	O & M	:	Katwa Municipality
	NODAL AGENCY	:	State Urban Development Agency
11	COSTING		
	COST FOR CIVIL STRUCTURE	:	Rs. Lakh 103.49
	COST FOR FURNITURE & UTENSILS	:	Rs. Lakh 8.71
	SERVICE CONECTIONS (WBSIEDCL)	:	Rs. Lakh 0.50
	FIRE FIGHTING ARRANGEMENT	:	Rs. Lakh 0.40
	COST FOR CONTINGENCIES	:	Rs. Lakh 3.39
	TOTAL PROJECT COST	:	Rs. Lakh 116.49
	O & M COST FOR FIVE YEAR	:	Rs. Lakh 30.10
	DPR PREPARATION COST	:	Rs. Lakh 1.16
12	IMPLEMENTING PERIOD		
	COMMENCEMENT	:	2018
	COMPLETION	:	2019
13	FUNDING PATTERN		
	GOI	:	Rs. Lakh 88.65
	GOWB	:	Rs. Lakh 59.10
	TOTAL	:	Rs. Lakh 147.75

Katwa Town

Katwa Town

Katwa is the headquarters of the Katwa subdivision in the district of Bardhaman, West Bengal. The area has a rural charm and natural beauty, but many trading and other business activities has made it clumsy and congested. It is a good middle class residential area.

History

The small town has a five hundred year history. The city's earliest known name was Indranee Pargana. Later the name was changed to Katak Nagari and it became the fort area of Murshid Kuli Khan, Nawab of Bengal. Katwa was invaded by the Bargis (break-away Maratha groups) several times.

This was the place where Sri Sri Chaitanya Mahaprabhu got sannayasa from Kesava Bharat. Since then, this small township has been a sacred place for the Vaishnavites.

Geography:

Katwa is located at 23.65°N 88.13°E. It has an average elevation of 21 m (69 ft). It is situated between the Ajay River and the Hooghly River and so bounded by water to the east, west and north. It is at the eastern end of the district and is 150 km from Kolkata and 56 km from Bardhaman. Recently the government announced the Broad-gaged Railway Line between Burdwan and Katwa.

The weather and climate is similar to the rest of Gangetic West Bengal, with six distinct seasons.

Demographics

As of 2011 India census, Katwa had a population of 81,615. Over total population 41,350 (50.66%) male and 40,625 (49.34%) female. The average literacy rate is 74%, higher than the national average: male literacy is 84%, and female literacy is 71%. 9% of the population under 6 years of age.

Katwa town has a total area of 7.93 km² with a population density of 10,292 /km². A steady flow of refugees from East Pakistan increased the population of the area in the fifties.

Railway

Katwa railway station is a railway junction on Broad Gauge 1,676 mm (5 ft 6 in) railway line from Calcutta to Malda Town. broad gauge railway line and to Burdwan junction on Howrah-Asansol broad gauge railway line. The Katwa-Burdwan narrow gauge railway line is being converted to broad gauge under project Unigauge. The 26 km Burdwan-Balgona section has been converted to broad gauge in 2013 and EMU train started on the section in February 2014.

Economy:

Katwa's economy has grown significantly in recent years. The traditional backbone of the economy was agriculture, but the town has since developed into a major trading hub, with

booming retail and service sectors. Katwa is also a transit point for agricultural products grown in nearby villages.

Recently the Minister for Railways inaugurated the Broad Gauge Line for Katwa Burdwan section. Many investments are being planned for this soon-to-be industrial hub. The Bengal government recently started a mega power project at Katwa.

Every day, Katwa is visited by hundreds of people from surrounding villages, mainly for the medical services available. The late Dr. Sanat Kumar Konar, Late Dr. S. K. Roy, the late Dr. Basanta Kumar Bandhopadhyay and the late Dr. Nandagopal Chattopadhyaya were pioneers for professional medical services in the town.

The town has mobile and broadband internet facilities from most of the major telecommunications companies.

A cause of concern is arsenic contamination of ground water.

High Schools:

1. Katwa Kashiram Das Institution. Established in 1857, and named after the writer who translated the holy script The Mahabharata to Bengali. It has been one of the most famous boys' schools in the district. Jagadish Chandra Bose was once a student of this school.
2. Katwa Durga Dasi Chowdhurani Girls' High School
3. Katwa Bharati Bhavan High School
4. Katwa Ramkrishna High School
5. Katwa Balika Vidyalaya
6. Kashiswari Girls school
7. Katwa Janakilal Siksha Sadan
8. Holy Angels' School
9. St. Joseph School
10. Kishyaloy
11. Ananda Marg
12. Shishu Niketan

Colleges:

1. Katwa Mahavidyalaya
2. Katwa Teachers' Training College
3. Bengal Institute of Technology (BIT)

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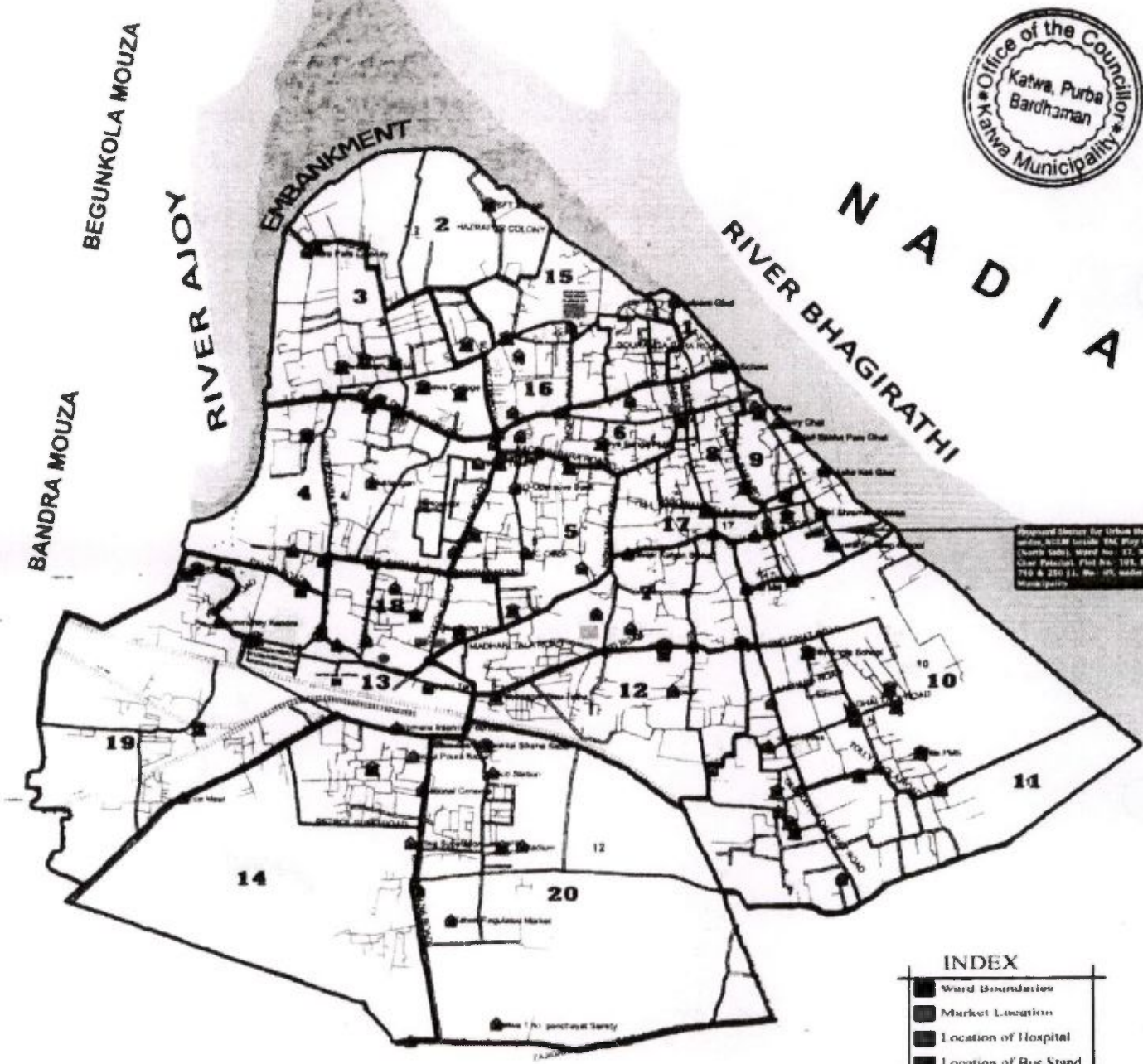
West Bengal

prepared by MCH

KATWA MUNICIPALITY



Base Map Showing Proposed Shelter for Urban Homeless under NULM beside TAC Play Ground (North Side), Ward No.- 17, Mouza - Char Patalhat, Plot No.- 101, Kh. No.- 750 & 250 J.L. No.- 89, under Katwa Municipality.



Approved Diagram for Urban Homeless Shelter, NULM beside TAC Play Ground (North Side), Ward No.- 17, Mouza - Char Patalhat, Plot No.- 101, Kh. No.- 750 & 250 J.L. No.- 89, under Katwa Municipality.

INDEX	
	Ward Boundaries
	Market Location
	Location of Hospital
	Location of Bus Stand
	Location of Railway Station
	Location of Dumping Ground
	Important Roads
	River Channel

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Sub - Assistant Engineer
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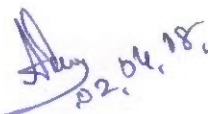
EXECUTIVE SUMMARY

Project Details


1	State	:	West Bengal
2	City	:	Katwa
3	Project Name	:	Shelter for Urban Homeless of Katwa under NULM
4	Project Cost (Rs. In Lacs)	:	147.75
5	Central Share (Rs. In Lacs)	:	88.65
6	State Share (Rs. In Lacs)	:	59.10
7	SOR Adopted	:	PWD (WB) SoR w.e.f. 1.7.14

Project Contributions (Physical + Financial) (Rs. In lacs)

Sl No.	Scheme Component	Quantity	Unit	Rate (In Rs./unit)	Proposed project cost (In lakh)	Appraised Project Cost (In lakh)	Central Share	State Govt. Share
1	Construction of 50 beded four storied Shelter including Sanitary Plumbing and Internal Electrification.	1	No.	10349085.00	103.49	103.49	69.89	46.60
2	Cost for furniture and Utensils	1	No.	870500.00	8.71	8.71		
3	Service Coneections (WBSEDCL)	1	LS	50000.00	0.50	0.50		
4	Fire fighting arrangement	1	LS	40000.00	0.40	0.40		
5	Contingency	% total cost		3%	3.39	3.39		
Total Cost					116.49	116.49	69.89	46.60
Operation and maintenance cost								
1	O & M Cost for maintenance of assets created for five year	5	Yrs	602000.00	30.10	30.10	18.06	12.04
Other Cost								
1	DPR Preparation, project management, supervision & Quality control	% total cost		1%	1.16	1.16	0.70	0.47
Grand Total =					147.75	147.75	88.65	59.10


 Chief Engineer
 M E Directorate
 Deptt. of Municipal Affairs
 Govt. of West Bengal


 Sub-Engineer
 Katwa Municipality


 Chairman
 Katwa Municipality

**Estimate for Construction of 50 Beded Four Storied Shelter for Urban Homeless Within
Katwa Municipality Under NULM**

(Based on PWD (WB)with effect from 01.11.2017 & Corrigenda & Addenda SoR 2015)

Sl. No.	Description of Item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
1 P-1,I-2	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.	296	%Cum	11,927.00	35,303.92
2 P-1,I-3	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.	67	%Cum	7,754.00	5,195.18
3 P-2,I-4	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)	84	%Cum	52,107.00	43,769.88
4 P-47,I-3	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.	300	Sqm	24.00	7,200.00
5 P-34, I-22(A)(a)	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor				
	(A) [Pakur Variety]				
	(a) 1:3:6 proportion	40	Cu.M	4,757.00	190,280.00
6 P-42, I-36	Hire and labour charges for shuttering with centring 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).				
	(a) 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. In Ground Floor	565	Sqm	328.00	185,320.00
	(b) -do- in 1st floor	469	Sqm	346.00	162,274.00
	(c) -do- in 2nd floor	469	Sqm	364.00	170,716.00
	(d) -do- in 3rd floor	469	Sqm	382.00	179,158.00
	(e) -do- in 4th floor	72	Sqm	400.00	28,800.00

Sl. No.	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
7 P-26, I-10(i) & P-35, I-23(i)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips(20 mm.nominal size) excluding shuttering and reinforcement, if any. Pakur / Chandil Variety				
	a) In ground floor.	110	Cum	5,740.15	631,416.50
	(b) -do- in 1st floor	60	Cum	5,835.15	350,109.00
	(c) -do- in 2nd floor	60	Cum	5,930.15	355,809.00
	(d) -do- in 3rd floor	60	Cum	6,025.15	361,509.00
	(e) -do- in 4th floor	8	Cum	6,120.15	48,961.20
8 P-43, I-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.				
	(i) Tor steel : SAIL / TATA / RINL	10.40	MT	58,103.00	604,271.20
	(b) -do- in 1st floor	5.70	MT	58,533.00	333,638.10
	(c) -do- in 2nd floor	5.70	MT	58,963.00	336,089.10
	(d) -do- in 3rd floor	5.70	MT	59,393.00	338,540.10
(e) -do- in 4th floor	0.75	MT	59,823.00	44,867.25	
9 P-15, I-8 & P-16, I-14(a)	Brick work with 1st class bricks in cement mortar (1:6)				
	(a) In foundation and plinth	8	Cu.M.	4,775.00	38,200.00
	(b) In superstructure, ground floor	46	Cu.M.	4,998.00	229,908.00
	(c) In 1st floor	46	Cu.M.	5,109.00	235,014.00
	(d) In 2nd floor	46	Cu.M.	5,220.00	240,120.00
	(e) In 3rd floor	46	Cu.M.	5,331.00	245,226.00
	(f) In 4th floor	10	Cu.M.	5,442.00	54,420.00

Sl. No.	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
10 P-16, I- 16 & P- 18, I- 24(b)	125 mm. thick brick work with 1st class bricks in cement mortar (1:4)				
	(a) In ground floor.	105	Sq.M.	660.00	69,300.00
	(b) In 1st floor	105	Sq.M.	672.00	70,560.00
	(c) In 2nd floor	105	Sq.M.	684.00	71,820.00
	(d) In 3rd floor	192	Sq.M.	696.00	133,632.00
11 P-48, I- 6(i)	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour.				
	3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 20 mm. thick				
	(Add extra @ 1.5% for each addl. floor upto 4th floor and @ 1.75% for each additional floor above 4th floor for item No.5 and 6 of subhead A).				
	(i) In Ground floor	176	Sq. M	232.00	40,832.00
	(ii) In 1st floor	176	Sq. M	235.48	41,444.48
	(iii) In 2nd floor	176	Sq. M	239.01	42,066.15
	(iii) In 3rd floor	176	Sq. M	242.60	42,697.14
12 P-104, I- 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.				
	(Add extra @ 1% for each addl. floor upto 4th floor and @ 1.25% for each addl. floor above 4th floor)				
	(i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.				
	(i) Gr. Floor	5.5	Qntl	7,238.00	39,809.00
	(ii) 1st Floor	5.5	Qntl	7,310.38	40,207.09
	(iii) 2nd Floor	5.5	Qntl	7,383.48	40,609.16
	(iv) 3rd Floor	5.5	Qntl	7,457.32	41,015.25

Sl. No.	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
13 P-106, I- 18	Collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete.				
	(Add extra @ 1% for each addl. floor upto 4th floor and @ 1.25% for each addl. floor above 4th floor)				
	(a) In ground floor.	6.5	Sq.m.	3,402.00	22,113.00
	(b) In 1st floor	6.5	Sq.m.	3,436.02	22,334.13
	(c) In 2nd floor	6.5	Sq.m.	3,470.38	22,557.47
	(d) In 3rd floor	6.5	Sq.m.	3,505.08	22,783.05
	(e) In 4th floor	3.5	Sq.m.	3,540.13	12,390.47
	Supplying, fitting and fixing windows and ventilators with or without integrated grills conforming to IS 1038-1975 and manufactured from rolled steel sections conforming to IS 7452-1974 with non-friction projecting type, box type hinges, glazing clips, lugs locking bracket, handle plate etc, including hoisting in position, straightening if required, fixing lugs in cement concrete (1:2:4) with stone chips 20 mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing.				
	Flash butt welded windows and ventilators				
	(No shop priming will be allowed to facilitate inspection of workmanship)				
	Without integrated grills.				
	(b) Openable steel windows as per IS sizes with side hung shutters and horizontal glazing bars with/without fixed type ventilators.[The extra rate admissible for the openable portion only]				

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Sl. No.	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
14 P-107, I-20	(a) In ground floor.	20	Sq. M.	1,663.00	33,260.00
	(b) In 1st floor	20	Sq. M.	1,682.96	33,659.12
	(c) In 2nd floor	20	Sq. M.	1,703.15	34,063.03
	(d) In 3rd floor	20	Sq. M.	1,723.59	34,471.79
	(c)(iv) Two point nose steel handle including fitting and fixing	160	Each	34.00	5,440.00
	(vi) Steel peg stay 300 mm long including fitting and fixing	160	Each	25.00	4,000.00
	(viii) MS integrated grill as per approved design integrated with steel window or ventilator, joints continuously welded with M.S. flat and brass				
	(a) In ground floor.	310	kg.	67.00	20,770.00
	(b) In 1st floor	310	kg.	67.80	21,019.24
	(c) In 2nd floor	310	kg.	68.62	21,271.47
(d) In 3rd floor	310	kg.	69.44	21,526.73	
15 P-114, I-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 corrected upto three decimals).				
	(d) Sai : Local.	0.950	Cu.M	72,954.00	69,306.30
16 P-140, I-4	Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. (Cost of concrete will be paid separately)				
	(c) 40mm X 6mm, 125mm Length	120	Each	20.00	2,400.00
17 P-140, I-5	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.				
	(v) 75mm. X 60mm. X 3.15mm.	120	Each	47.00	5,640.00
18 P-141, I-8	Iron socket bolt of approved quality fitted and fixed complete.				
	(c) 150mm long x 10mm dia bolt.	44	Each	63.00	2,772.00
19 P-141, I-10	i) Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting.				
	(c) 300mm long.	40	Each	166.00	6,640.00

Sl. No.	Description of Item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
20 P-145, I-30	Anodised aluminium D-Type handle of approved quality manufactured from extruded erection conforming to I.S. specification (I.S. 230/72) filled and fixed a) With continuous plate base (Hexagonal/Rounded) ii) 100 mm grip x 10 mm dia rod	40	Each	69.00	2,760.00
21 P-124, I-11	Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor.				
	(b) 32 mm thick shutters (single leaf)				
	(a) In ground floor.	9.5	Sq. M.	2,359.00	22,410.50
	(b) In 1st floor	9.5	Sq. M.	2,374.00	22,553.00
	(c) In 2nd floor	9.5	Sq. M.	2,389.00	22,695.50
	(d) In 3rd floor	9.5	Sq. M.	2,404.00	22,838.00
22 P-115, I-3	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS: 4020 door testing performance criteria.				
	(i) 66mm X 90mm	132	Mtr.	497.00	65,604.00
23 P-125, I-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. complete excluding all necessary hardwares as per direction of Engineer-in-Charge.				
	(a) In ground floor.	11.5	Sq.m	1,943.00	22,344.50
	(b) In 1st floor	11.5	Sq.m	1,958.00	22,517.00
	(c) In 2nd floor	11.5	Sq.m	1,973.00	22,689.50
	(d) In 3rd floor	11.5	Sq.m	1,988.00	22,862.00

Sl. No.	Description of Item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
24, P-189, I- 1	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary .[Excluding cost of chipping over concrete surface] A) In Ground floor				
	(i) With 1:6 cement mortar				
	(b) 20 mm thick plaster	465	Sq.M	152.00	70,680.00
	(c) 15 mm thick plaster	212	Sq.M	134.00	28,408.00
	(ii) With 1:4 cement mortar				
	(c) 10 mm thick plaster	185	Sq.M	122.00	22,570.00
	B) In 1st floor				
	(i) With 1:6 cement mortar				
	(b) 20 mm thick plaster	465	Sq.M	156.00	72,540.00
	(c) 15 mm thick plaster	170	Sq.M	138.00	23,460.00
	(ii) With 1:4 cement mortar				
	(c) 10 mm thick plaster	185	Sq.M	126.00	23,310.00
	C) In 2nd floor				
	(i) With 1:6 cement mortar				
	(b) 20 mm thick plaster	465	Sq.M	160.00	74,400.00
	(c) 15 mm thick plaster	170	Sq.M	142.00	24,140.00
	(ii) With 1:4 cement mortar				
	(c) 10 mm thick plaster	185	Sq.M	130.00	24,050.00
	C) In 3rd floor				
	(i) With 1:6 cement mortar				
	(b) 20 mm thick plaster	465	Sq.M	164.00	76,260.00
	(c) 15 mm thick plaster	170	Sq.M	146.00	24,820.00
	(ii) With 1:4 cement mortar				
	(c) 10 mm thick plaster	185	Sq.M	134.00	24,790.00
C) In 4th floor					
(i) With 1:6 cement mortar					
(b) 20 mm thick plaster	50	Sq.M	168.00	8,400.00	
(c) 15 mm thick plaster	140	Sq.M	150.00	21,000.00	
(ii) With 1:4 cement mortar					
(c) 10 mm thick plaster	25	Sq.M	138.00	3,450.00	

Sl. No.	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
25 P-192, I-15	Neat cement punning about 1.5 mm. thick in wall, dado, window, sills, floor, drain etc. NOTE : Cement 0.152 cu.m. per 100 sq.m.	345	Sq.M	34.00	11,730.00
26 P-194, I-1	White washing including cleaning and smoothening surface thoroughly.				
	(c) Three coats (on new works only).	2575	%Sq.M	2,001.00	51,525.75
27 P-194, I-4	Colour washing with any shade with Stainers, as required including cleaning and smoothening surface thoroughly :				
	(i) Internal surface (All floors)				
	(b) Two coats (on new works only).				
	(i) Other than yellow, pink.	2575	%Sq.M	2,046.00	52,684.50
28 P-197, I-15 & P-198, I-5	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification. (iii) Two coats.				
	(a) In ground floor.	200	Sq.M	49.00	9,800.00
	(b) In 1st floor	162	Sq.M	49.71	8,053.02
	(c) In 2nd floor	162	Sq.M	50.42	8,168.04
	(d) In 3rd floor	162	Sq.M	51.13	8,283.06
	(e) In 4th floor	145	Sq.M	51.84	7,516.80
29 P-200, I-1(b)	(A) Priming one coat on timber surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	165	Sq.M	38.00	6,270.00
29 P-200, I-1(a)	(B) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	325	Sq.M	29.00	9,425.00
30 P-200, I-2	(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 (hi-gloss) -				
	(iv) Two coats (with any shade except white)	165	Sq.M	81.00	13,365.00
	On Steel /metal surface				
	With other than hi-gloss of approved quality-				
	(iv) Two coats (with any shade except white)	325	Sq.M	79.00	25,675.00
31 P-205, I-1	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	85	Sq.M	536.00	45,560.00

Sl. No.	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
32 P-212, I-21	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materials (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.				
	A) UPVC Pipes:				
	(i) 110 mm. Dia.	101	Metre	251.00	25,351.00
	B) UPVC fitting : 110 mm dia				
	(i) Plain Tee	6	Each	172.00	1,032.00
	(ii) Bend 87.5 degree	6	Each	140.00	840.00
	(iii) Shoe	6	Each	111.00	666.00
33 P-313 I- 17.01	Mobilisation Charges of all tools & Plants along with accessories, material, labour, supervision etc. at site of work required in connection with boring and testing work, including setting up boring rigs and shifting to different Bore-hole points etc. and also including withdrawal of same from the site after completion of work, complete as per direction of Engineer-in-Charge. a) Preliminary Investigation.	1	Item	8000.00	8,000.00
34 P-313 I- 17.02	Carriage of all Disturbed & Undisturbed Samples from site of work to the Divisional office or elsewhere including loading and unloading as per direction of Engineer-in-Charge. Detailed Investigation.	2	Item	1600.00	3,200.00
35 P-313 I- 17.03	Labour for boring by sinking and finally withdrawing 50mm to 100mm dia. (internal) pipe by a standard method to any depth below ground level / bed level in all types of soil like clay, silt, sand, stiff clay, mixed soils etc. except rocks, including collection of disturbed soil samples and including preparation and submission of bore-log as per standard proforma and also including hire charges of tool and plants complete as per direction of Engineer-in-Charge. Depth 0m to 30 m	45	Mtr	150.00	6,750.00
1. Cost for Building Works					7,623,972.66
2. Add Cost for Sanitary Works @ 10%					762,397.27
3. Add Cost for Electrification Works @ 10%					762,397.27
4. Sub Total Cost					9,148,767.20
5. GST Include @ 12%					1,097,852.06
6. Cost of Civil Works Excluding Labour Welfare Cess					10,246,619.26
7. Labour Welfare Cess @ 1% on Sl. No.- 6					102,466.19
8. Sub Total Cost					10,349,085.45
09. Rounded Total Cost of Civil Works					10,349,085.00
Total Cost: One Crore Three Lakhs Forty Nine Thousands & Eighty Five Rupees Only					

Analysis of Rate of Ordinary Cement Concrete (Mix. 1:1.5:3)

For Katwa Municipal Area					
Description of Item		Size	Qty	Unit	Rate
step-1	Rate of item as per relevant section of PWD Bldg. Schedule [vide p -26, I - 10/i]				Rs 4,176.00
step-2	Cost of Stone aggregate of diff. grading as per Table - 1 , P- 308 [Consumption required for one cum of Concrete vide P- B 60, I -3]	20 mm	0.573	Rs 1,156.00	Rs 662.39
		10mm	0.287	Rs 1,025.00	Rs 294.18
step-3	Cost of Carriage of Stone aggregate as per consumption required for one cum concrete as per table - 2	20 mm	0.573	Rs 648.50	Rs 371.59
		10mm	0.287	Rs 648.50	Rs 186.12
step-4	Cost of Loading & unloading of stone aggregate bellow 40 mm nominal size. [Vide Table - 3, p- 316]		0.86	Rs 58.00	Rs 49.88
Rate of 1:1.5:3 Concrete per CUM					Rs 5,740.15


Road Transportation & Carriage Works (P- 315)


(Table : T-2)

From Burdwan to Katwa Work Site distance- 60 Km

Upto 5 Km =	Rs 124.00
5 Km to 10 Km @ Rs.10.90 / Km =	Rs 54.50
10 Km to 20 Km @ Rs.10.10 / Km =	Rs 101.00
20 Km to 50 Km @ Rs.9.50 / Km =	Rs 285.00
50 Km to 100 Km @ Rs.8.40 / Km =	Rs 84.00
Total For 60 Km distance Per CUM =	Rs 648.50

Rate of Ordinary Cement (Mix. 1:1.5:3) per CUM Rs 5,740.15

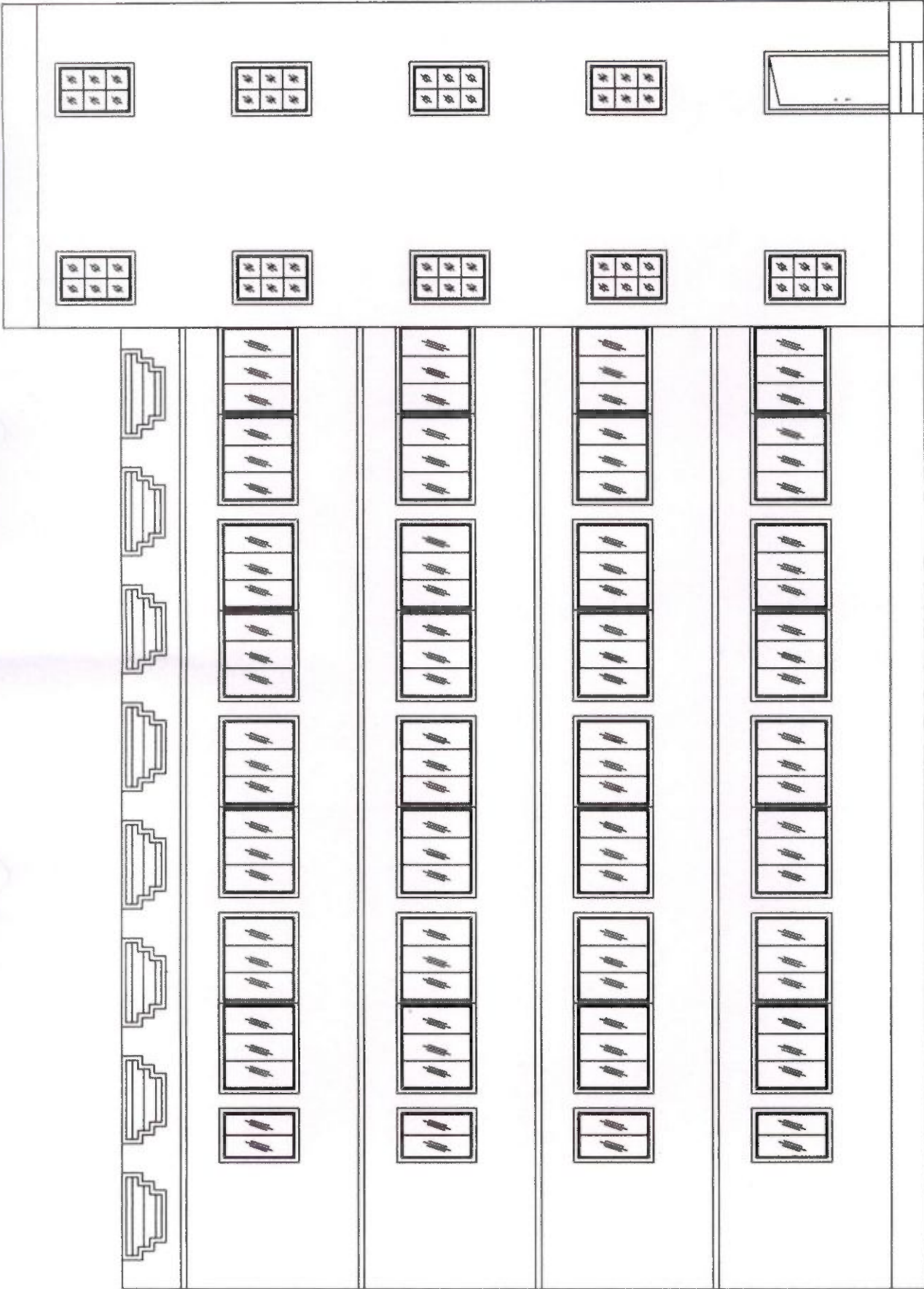

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Cost Estimate for Furniture & Utensils Requirement of Shelter for Urban Homeless : 4 storied for 50 person

Sl.	Item	Quantity	Unit	Rate (LS) Rs.	Amount Rs.
1	Steel Cot (Single)	50	Nos	5000.00	250000.00
2	Bed side small steel cabinet	50	Nos	2000.00	100000.00
3	Cup Board Door cover with locking arrangements made of Sishu or similar wood	25	Nos	7500.00	187500.00
4	Mattress, Pillow, Bed cover, Rag, Mosquito net etc.	50	Set	2500.00	125000.00
5	Arrangement of cooking gas connection including special type oven	2	Nos	10000.00	20000.00
6	Water Purifier	2	Nos	10000.00	20000.00
7	Almirah	4	Nos	15000.00	60000.00
8	Office Table	2	Nos	4000.00	8000.00
9	Kitchen Cabinet			L.S.	50000.00
10	Utensils for cooking & food			L.S.	50000.00
				Total	870500.00

Rupees Eight Lakh Seventy Thousand Five Hundred Only

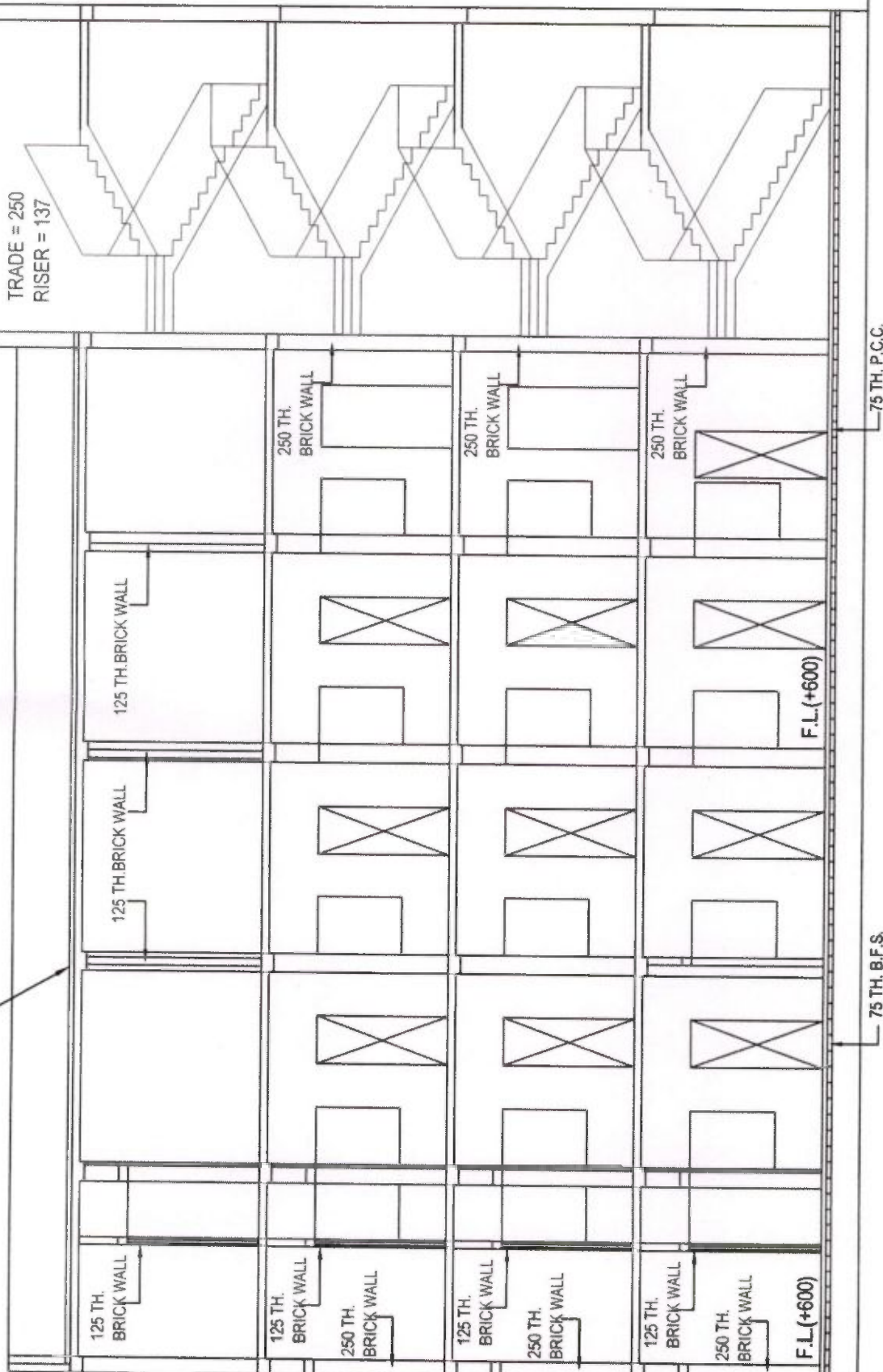


FRONT ELEVATION

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75 TH. LIME TERRACING
OVER 125TH. R.C.C SLAB



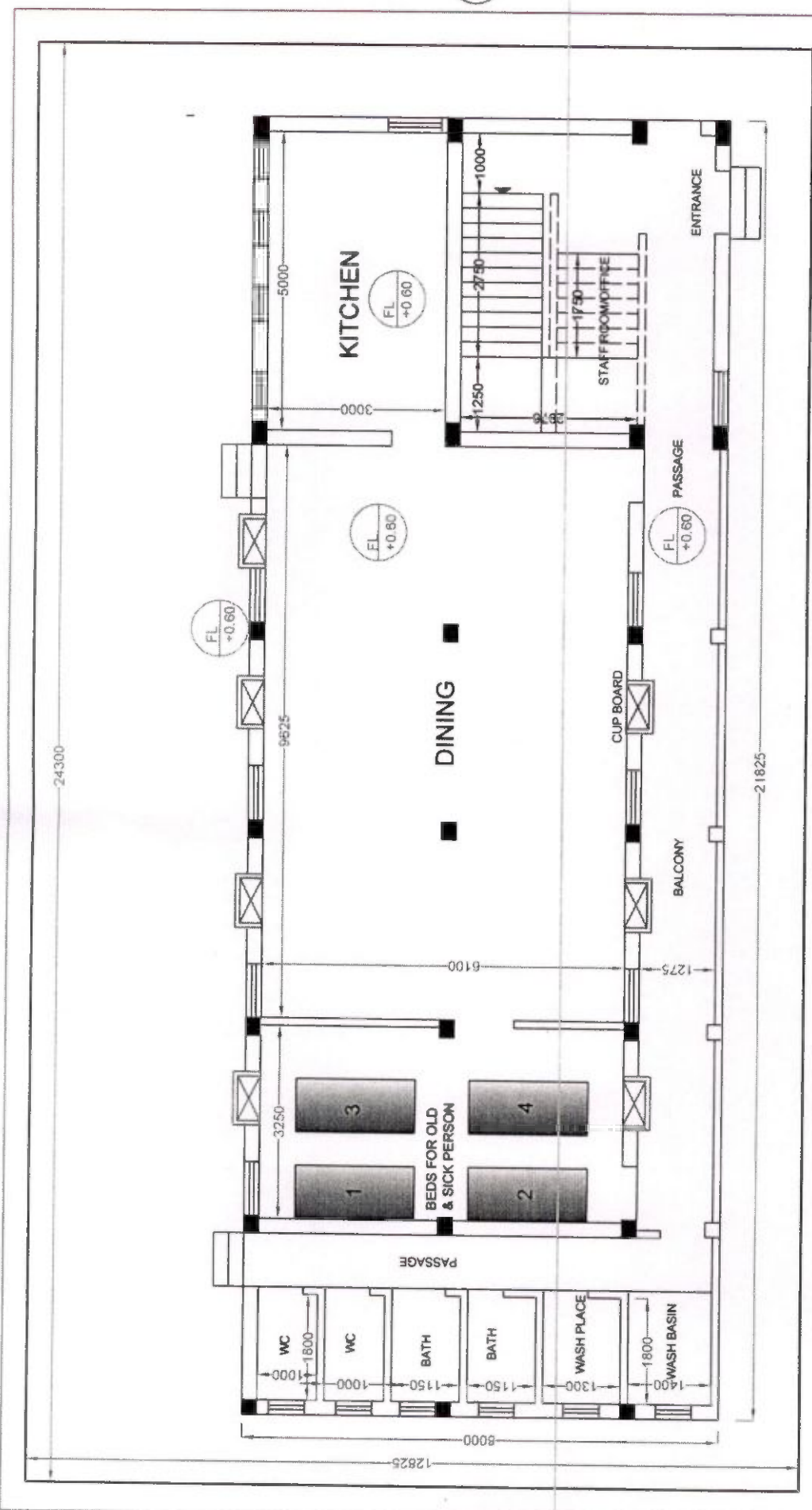
P.L. (+600)
G.L. (±00)

SECTION AT A-A



[Signature]
 HOD - Assistant Engineer
 Katwa Municipality

Chairman
 Katwa Municipality

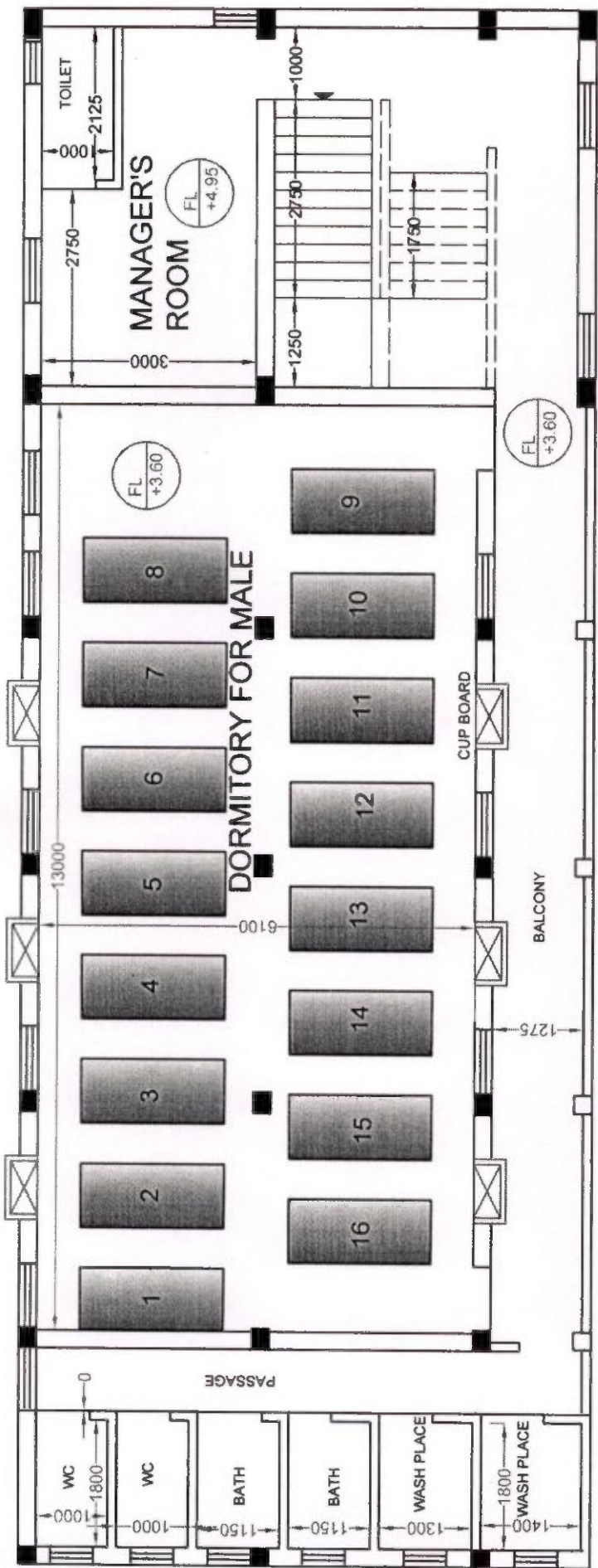


GROUND FLOOR PLAN FOR FOUR STORIED NIGHT SHELTER FOR 50 PERSON

AREA STATEMENT	
AREA OF LAND	311.65 SQM OR 3355 SFT
COVERED AREA	209.42 SQM OR 2254 SFT
DORMITORY FLOOR AREA	19.82 SQM OR 213 SFT

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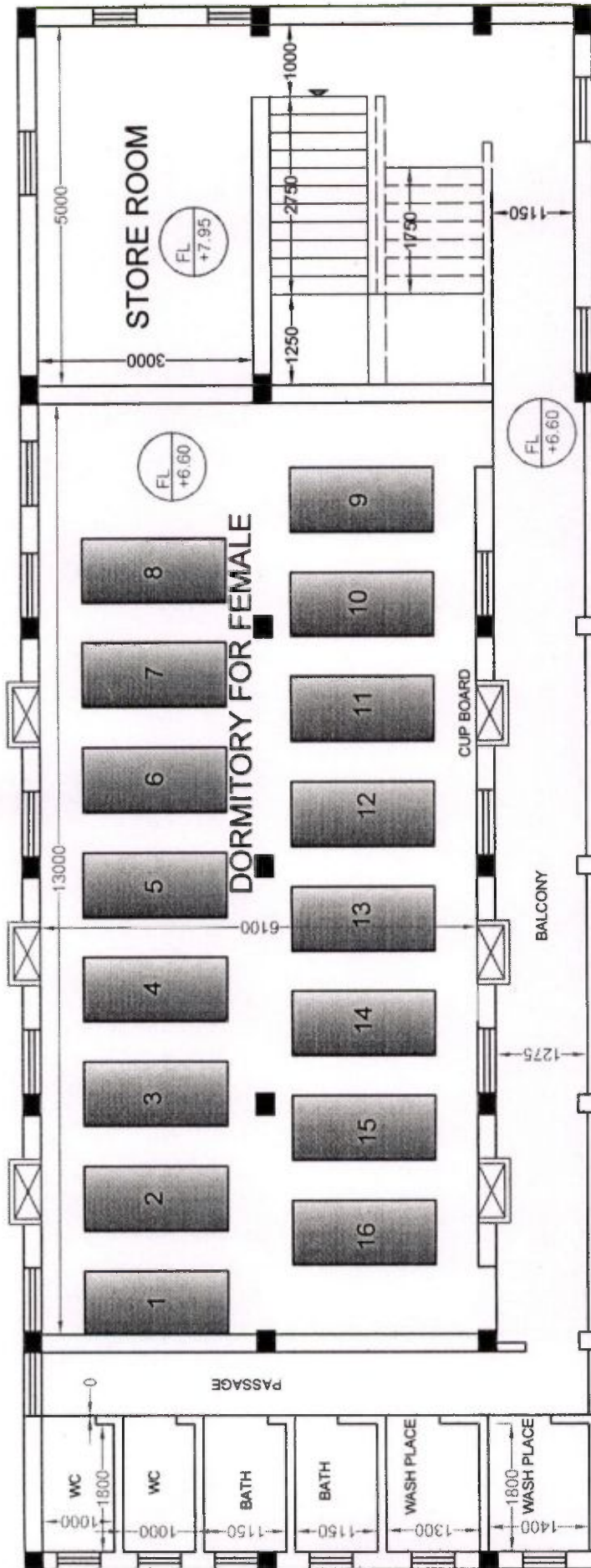


FIRST FLOOR PLAN FOR FOUR STORIED NIGHT SHELTER FOR 50 PERSON

AREA STATEMENT	
DORMITORY FLOOR AREA	79.30 SQM OR 854 SFT

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Sub-Assistant Engineer
Katwa Municipality

Chairman
Katwa Municipality

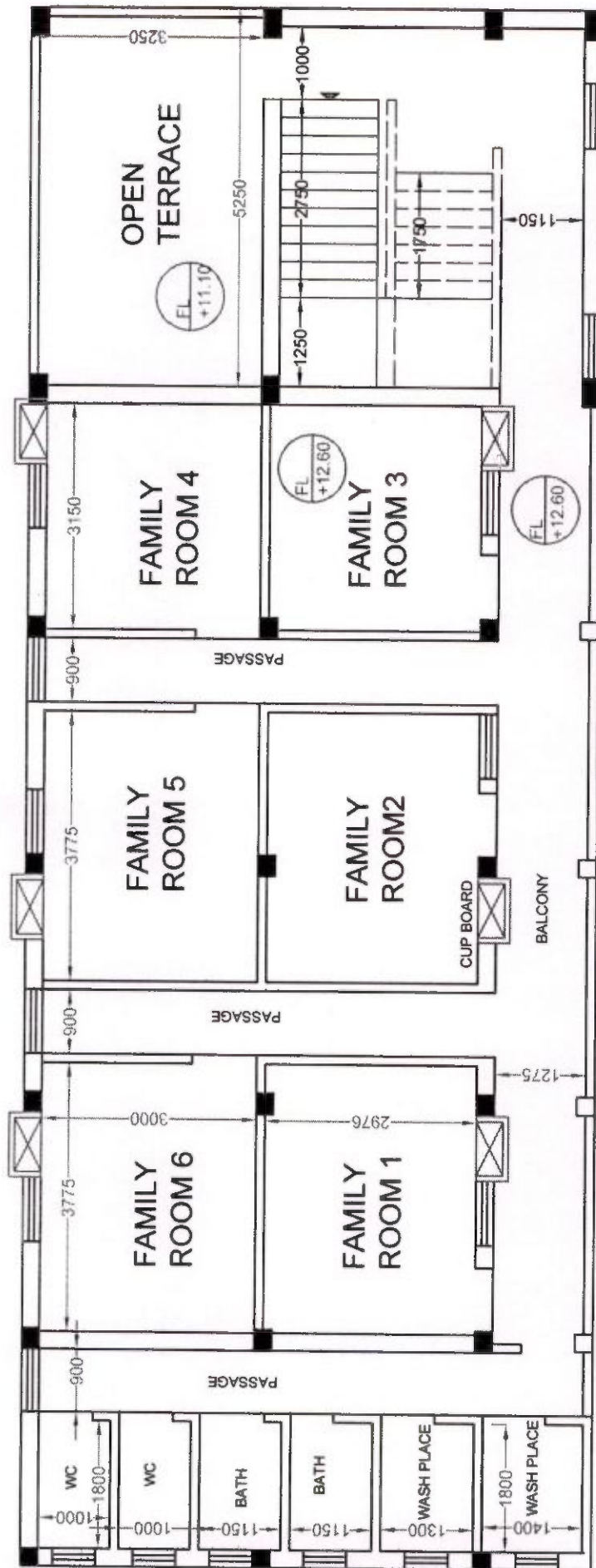


SECOND FLOOR PLAN FOR FOUR STORIED NIGHT SHELTER FOR 50 PERSON

AREA STATEMENT	
DORMITORY FLOOR AREA	79.30 SQM OR 854 SFT

[Signature]
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AREA STATEMENT	
DORMITORY FLOOR AREA	75.45 SQM OR 812 SFT

THIRD FLOOR PLAN FOR FOUR STORIED NIGHT SHELTER FOR 50 PERSON

Sub- Assistant Engineer
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Chairman
Katwa Municipality

SITE FOR PROPOSED SHELTER FOR URBAN HOMELESS UNDER NULM,
UNDER KATWA MUNICIPALITY.



PARTICULARS OF LAND

OWNED BY- KATWA MUNICIPALITY.

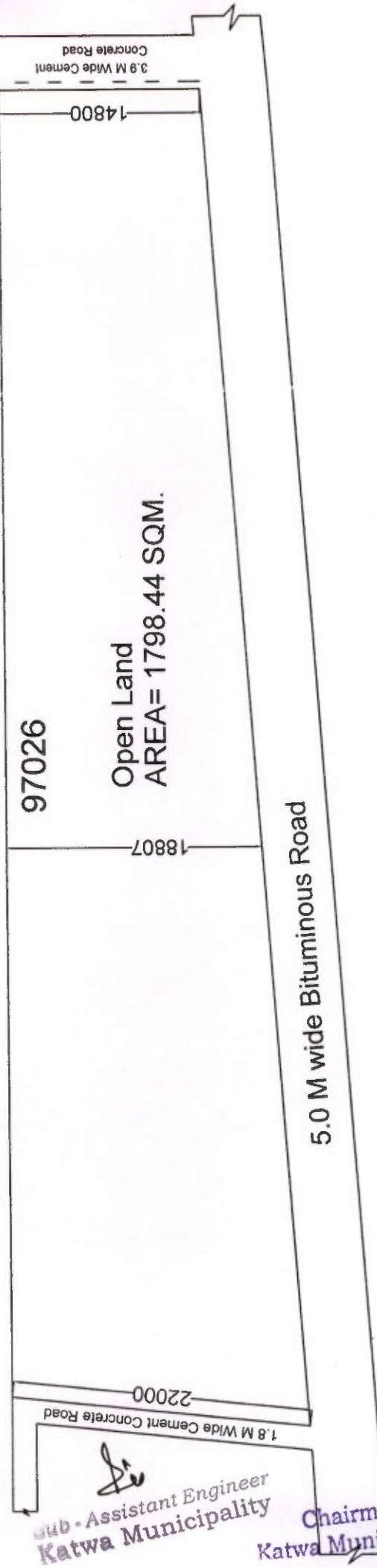
MOUZA- CHARPATAIHAT, J.L. NO- 89

KHATIAN NO- 750,250.

PLOT NO- 101

AREA= 50.00 DEC. (AS PHYSICALLY= 44.40 DEC.)

T.A.C. PLAY GROUND



S.E.
Sub- Assistant Engineer
Katwa Municipality

Chairman
Katwa Municipality

Drawn By-

S.E.
Sub- Assistant Engineer
Katwa Municipality

S.E.
Chairman
Katwa Municipality

T.A.C. PLAY GROUND,
P.S. - KATWA, DIST- PURBA BARDHAMAN



Drawn By- *[Signature]*

Sub - Assistant Engineer
Katwa Municipality

[Signature]
Chairman
Katwa Municipality

[Signature]
Sub - Assistant Engineer
Katwa Municipality

[Signature]
Chairman
Katwa Municipality



Sub-Assistant Engineer
Municipality

Chairman
Katwa Municipality

Chairman
Katwa Municipality
Sub-Assistant Engineer
Katwa Municipality

O & M PLAN

(OPERATION & MAINTENANCE PLAN)

The mode of operation and maintenance work will be maintained by the Katwa Municipality.

O & M cost per Year :

Sl.	Item	Quantity	Unit	Rate Rs.	Amount Rs.
1	Annual Maintenance cost of Shelter				
i)	Electricity charges	12	Months	5000.00	60000.00
ii)	Maintenance of Plumbing & Electrical work	12	Months	500.00	6000.00
2	Annual Servicing Cost				
i)	Sweeping charges	12	Months	3000.00	36000.00
ii)	Replenishment of bedding	10%	of capital cost		12500.00
iii)	Replenishment of Kitchen equipment	10%	of capital cost		5000.00
3	Cost of providing free food for 10% of inmates who are old/infirm and cannot pay (50x365x10%)	1825	Days	100	182500.00
4	Staff Salary				
i)	Manager (full time)	12	Months	10000.00	120000.00
	Caregivers: 3 nos for 3 shifts of 8 hrs (including at least one female)	36	Months	5000.00	180000.00
				Total	602000.00
Rupees Six Lakh Two Thousand Only					

There is a provision of Rs. 6.00 Lakh per annum towards the expenditure of annual O&M for 5 Years, the expenditure beyond 6.00 lakh will be arranged by ULB.

USER FEES :

User fees will be levied with the objective of improving participation of the resident in operations of the shelter and will be modestly priced. The fund so collected will be utilized for maintenance of the facilities. The following will determine the norms and application of user fees by any implementing authority:

a) Nominal charges proposed to be collected depending on the income levels of the urban homeless at rates ranging from 1/10 to 1/20 of their income. For those with no payment capacities, total exemption will be granted.

b) Meals provided at the shelter will be fully subsidized for old, infirm, disabled women and men and all children. For other shelter residents, meals may be provided at subsidized costs.

c) All residents will be encouraged to offer voluntary services for maintenance of shelter-homes including mess facilities, cleanliness, etc. on rotation basis (e.g. half day service per person /week). These norms to be evolved by the shelter manager together with the shelter management committee.

MONITORING AND EVALUATION

Under NULM, an Executive Committee under the chairpersonship of the Municipal Commissioner will be constituted to manage the affairs of NULM. This EC at the city level will be responsible for review and supervision of the working of shelters with the participation of community representatives, civil society organizations, line departments and elected representatives, etc.

O & M AFTER FIVE YEARS:

Efforts will be taken for upliftment of economic condition of the shelter habitants by development of livelihood and vocational skills. Linkage with different employment generation scheme will be made in priority basis by the Executive Committee with the help of ULB. And it is expected that they will be able to contribute towards O & M costs substantially and for old/ infirm inmates ULB will take up the responsibility.

PUBLICITY OF INFORMATION

In order to ensure that the information about availability of shelters for urban homeless reaches the ultimate beneficiaries, i.e. the targeted population, adequate publicity measures will be taken by the Katwa Municipality on regular basis.

FUND FLOW PATTERN

Rupees in lakhs

SL. NO	DPR COST	O & M YEAR										TOTAL
		IMPLEMENTATION YEAR										
		1st Year			2nd Year			3rd Year			Total	
		GOI	GOWB	Total	GOI	GO WB	Total	GOI	GO WB	Total		
1	147.75	70.59	47.06	117.65	3.61	2.41	6.02	3.61	2.41	6.02	6.02	
O & M YEAR												
		4th Year			5th Year			6th Year			Total	
		GOI	GO WB	Total	GOI	GO WB	Total	GOI	GO WB	Total		
		3.61	2.41	6.02	3.61	2.41	6.02	3.61	2.41	6.02	147.75	


 Sub-Assistant Engineer
 Katwa Municipality


 Chairman
 Katwa Municipality

Implementation Schedule													
Sl. No.	Activity	Months											
		1	2	3	4	5	6	7	8	9	10	11	12
1	Invitation & Finalization of Tenders	■											
2	Building												
2.1	Upto Plinth Level	■											
2.2	Upto Ground floor Roof	■											
2.3	Upto First floor Roof	■											
2.4	Upto Second floor Roof	■											
2.5	Upto Third floor Roof	■											
2.6	Star Room Roof etc.	■											
2.7	Plastering, flooring, Door Window etc.	■											
2.8	Sanitary & Plumbing works	■											
2.9	Internal Electrification	■											
2.10	Service Connections	■											
2.11	Colour wash & Finishing	■											
3	Procurement of Furniture and Utensils	■											
4	Establishment of Fire Fighting arrangement	■											
5	Inauguration	■											


 Sub - Assistant Engineer
 Katwa Municipality

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 Chairman
 Katwa Municipality

২৯-১১-২০১৭ তারিখে বেলা ৪টায় অনুষ্ঠিত পৌরসদস্যগণের সাধারণ সভার কার্য বিবরণীঃ
উপস্থিত সদস্যবৃন্দঃ

বিবিধ

এ) শ্রী অরিন্দম বিশ্বাস, S.A.E. on Contract Basis, Shelter for Urban Homeless Building নির্মানের Site Selection -এর জন্য যে রিপোর্ট করিয়াছেন তাহা সভায় পঠিত ও আলোচিত হইল। সদস্যগণ উক্ত Building ১৭নং ওয়ার্ডস্থিত T.A.C Play Ground সংলগ্ন জায়গা যাহার দাগ নং - ১০১, খতিয়ান নং - ৭৫০ ও ২৫০, মৌজা - চর পাতাইহাট, জে.এল. নং - ৮৯ -এ নির্মান করার সিদ্ধান্ত গ্রহন করিলেন এবং Feasibility Report গ্রহনের জন্য Executive Engineer, Burdwan Division, M.E.Dte. -এর নিকট প্রেরণ করিবার সিদ্ধান্ত গৃহীত হইল।

Sub - Assistant Engineer
Katwa Municipality

স্বঃ রবীন্দ্রনাথ চ্যাটার্জী,


Chairman

Katwa Municipality

২৯-১১-১৭

পৌরপ্রধান

কাটোয়া পৌরসভা।

Chairman
Katwa Municipality



KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

From :

Rabindra Nath Chatterjee

Chairman

Katwa Municipality

Memo No ...Nil.....



FAX NO - 03453 - 258160

Kat : (03453) 255- 160 Chamber

Kat : (03453) 255-005 Office

Dated, Katwa, the 25/01/2018

DECLARATION

This is to certify that Proposed land for Construction of Shelter for Urban Homeless under National Urban Livelihood Mission within Katwa Municipality beside TAC Play Ground (North Side), Ward No. 17, Mouza- Charpataihat, Plot no. 101, Khatian No. 750 & 250, J.L. No. 89 is under possession of Katwa Municipality and free from any type of litigations.

Chairman
Chairman
Katwa Municipality
Katwa Municipality

● Guest House Srabani : Kat. 255-135 ● Polyclinic : Kat. 259-612 ● Water Supply : Kat. 257-430
email : Katwa. municipality @ gmail.com ● Website : www.katwa municipality. info

Sub - Assistant Engineer
34 Katwa Municipality
Chairman
Katwa Municipality

GOVT. OF WEST BENGAL
OFFICE OF THE EXECUTIVE ENGINEER
MUNICIPAL ENGINEERING DIRECTORATE
BURDWAN DIVISION

5TH FLOOR, PURTABHAVAN, SREEPALLY, PURBA BURDWAN

Email id: eemedbwd@gmail.com

Ph. + Fax No- 0342 2645119

Memo No. MED/BWN/ 644. /1W-NULM/2017.

Date: ²⁴ /01/2018

From : The Executive Engineer
Burdwan Division
M. E. Directorate
Purtabhavan, 5th Floor, Purba Burdwan

To : The Chief Engineer
M. E. Directorate
Bikash Bhavan, Kolkata-91

Sub:- Feasibility Report of Proposed SUH at Plot No. 101, Khaitan No. 750,250, Mouza—Charpataihat, J.L No.-89 (Area of land-total **2023.43 Sq.M** as per record but. **1798.44Sq m** as per physical measurement) under NULM.

Ref.:- 1142/Engg., Date 30.11.2017 of Katwa Municipality

Sir,


In continuation to the above cited subject and reference to the aforesaid memo, It is to be mentioned here that as per the documents submitted from the municipality and also as per the site visit on 14.12.2017, the proposed site has been found good for the construction of proposed building subjected to the submission of the soil investigation report for the proposed site.

This is submitted for your kind perusal and necessary action please.

Thanking You,

Encl: - (i) Photo copy of TAC Gift Deed
(ii) Photo copy of Site Plan
(iii) Photo copy of Mouza Map with demarcated land.

Yours faithfully,


24/01/18
Executive Engineer
Burdwan Division
M. E. Directorate


Memo No. MED/BWN/ /1W-NULM/2017.

Date: /01/2018

Copy forwarded for information to:

- 01.) The **Chairman**, Katwa Municipality, Katwa, Purba Burdwan- with a request to submit the searching certificate from the BLRO for the proposed site at the earliest.
- 02.) The **Superintending Engineer**, West Circle, Purba Burdwan.

Executive Engineer
Burdwan Division
M. E. Directorate


Sub - Assistant Engineer
35 Katwa Municipality


Chairman
Katwa Municipality



KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

From :

Rabindra Nath Chatterjee

Chairman

Katwa Municipality



ac

FAX NO - 03453 - 258160

Kat : (03453) 255-160 Chamber

Kat : (03453) 255-005 Office

Memo No 1920/Engg

Dated, Katwa, the 08/03/2018

To
The Chief Engineer
Municipal Engineering Directorate,
Bikash Bhavan,
DF Block, Sector 1, Salt Lake City,
Kolkata, West Bengal 700091.

Sub : Submission Survey Data for Urban Homeless People.
Ref : This office memo no. 1562/Engg, Dated - 25/01/2018.

Sir,

With reference to above I am to state that Details 19 (Nineteen) nos. Homeless peoples have been submitted to your end along with all other necessary data. After doing re-survey, many more homeless peoples have been found within this town. This survey data will be furnished to your end after compiling data at earliest.

So, I am requesting you to please take necessary action from your end towards preparation DPR of Proposed Shelter for Urban homeless.

Thanking you.

Enclo : Photocopy of above referred letter.

Yours faithfully

Chairman
Katwa Municipality

Memo No. 1920/3/Engg, Dated - 08/03/2018

Copy forwarded for information and taking necessary action to:

1. The Principal Secretary, UD&MA Deptt. Govt. of west Bengal.
2. The Director, SUDA.
3. The Executive Engineer, Burdwan Division M.E.Dte.

Chairman
Katwa Municipality

Sub-Assistant Engineer
Katwa Municipality

Chairman
Katwa Municipality



**REPORT ON SOIL INVESTIGATION WORK
FOR
CONSTRUCTION OF BUILDING OF
URBAN HOMELESS UNDER NULM PROJECT
AT MUNICIPAL LAND ADJACENT TO
TAC PLAYGROUND,
WARD NO. 17,
WITHIN
KATWA MUNICIPALITY**

DR. S. P. BRAHMA & ASSOCIATES
22, GORA CHAND BOSE ROAD,
KOLKATA-700 006.
PH. NO. - 033-2337-8606

Dr. S. P. Brahma & Associates. Kolkata


Sub - Assistant Engineer
Katwa Municipality


Chairman
Katwa Municipality



Chairman
Katwa Municipality




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Dr. S. P. Brahma & Associates, Kolkata


Sub - Assistant Engineer
Katwa Municipality


Chairman
Katwa Municipality


Chairman
Katwa Municipality



SECTION: I : INTRODUCTION:

M/S. Dr. S. P. Brahma & Associates were awarded the contract for "Soil Investigation work for the Construction of Building of Shelter for Urban Homeless under NULM Project at Municipal Land adjacent to TAC play ground, Ward No. 17, out Plot No. 101, Kh. No. 750,250, J.L. No. 89, Mouza – Charpatihat within Katwa Municipality" by the Chairman, Katwa Municipality by Work Order Memo no: 1388/Engg dated 29/12/2017.

The main purpose of the present investigation is to assess the Safe Bearing Capacity of soil for the design of foundation. The exploration work can be summarized as follows:

A. Field Work:

- Execution of two boreholes each 30 metres deep including collection of disturbed soil samples and undisturbed soil samples at suitable intervals.
- Execution of Standard Penetration Tests at suitable intervals.

B. Laboratory Work :


Execution of the following tests:

- Liquid Limit Test
- Plastic Limit Test
- Water Content Test
- Density Test
- Specific Gravity Test
- Grain Size Analysis by Sieving Test
- Grain Size Analysis by Hydrometer Test
- Unconfined Compression Test
- Triaxial Shear Tests(UU)
- Consolidation Test

The Foundation Analysis is given in Section IV.

Dr. S. P. Brahma & Associates. Kolkata


Sub - Assistant Engineer
Katwa Municipality


Chairman
Katwa Municipality


Chairman
Katwa Municipality



SECTION: II : EXECUTION OF FIELD WORK:

The field work consists of:

- ❖ Execution of two boreholes each 30 metres deep including collection of disturbed soil samples and undisturbed soil samples at suitable intervals. The borehole locations were given by the Engineers of the Department.
- ❖ Execution of Standard Penetration Tests at suitable intervals.

Boring:

The boring was done as per I.S. Code 1892-1979 by a team of experienced technicians by Shell & Auger method and Mud-Rotary Drilling method.

Disturbed Representative Soil Samples:


Disturbed representative soil samples were placed in plastic containers and labeled depth-wise. This enabled a visual inspection of the nature of the layers at different depths.

Undisturbed Soil Samples:

The undisturbed soil samples were obtained by using thin tube samplers. The sampler was lowered inside the borehole by means of drill rods. After driving the sampler in the soil to a predetermined depth, the sampler was rotated by about 90 degrees and then the sampler with soil sample was taken out. The both ends of the soil samples were waxed properly. The soil samples were properly labeled. The soil samples were sent to the laboratory at regular intervals.

Dr. S. P. Brahma & Associates, Kolkata


Sub-Assistant Engineer
Katwa Municipality


Chairman
Katwa Municipality
Chairman
Katwa Municipality




SECTION: II : EXECUTION OF FIELD WORK:


Standard Penetration Tests:

The standard penetration test was conducted using split-spoon sampler having internal diameter 35 mm and external diameter 50.8 mm. The split-spoon sampler was lowered inside the borehole on a string of drill rods. With the sampler resting at the bottom of the borehole the sampler was driven 15 cm with the blows from the 63.5 kg. hammer. The sampler was then further driven 30 cm with blows from the 63.5 kg hammer falling through 75cm. The number of blows required to effect each 15 cm of the penetration was recorded . The first 15 cm driving was considered to be a seating drive .The total Number of blows required for the last 30 cm of penetration was recorded as the penetration resistance 'N'.

Dr. S. P. Brahma & Associates. Kolkata


Sub - Assistant Engineer
Katwa Municipality


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Katwa Municipality


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Katwa Municipality




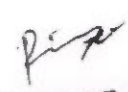
SECTION: III : LABORATORY TESTS:

The following tests were performed on the soil samples obtained from the exploratory borings:

- a) **Water Content Test:** After opening the undisturbed sample, one sample from the central portion was oven-dried and the natural moisture content was determined.
- b) **Liquid Limit Test:** These tests were conducted on air-dried soil samples.
- c) **Plastic Limit Test:** These tests were conducted on air-dried soil samples.
- d) **Bulk Density and Dry Density:** These tests were conducted as per standard procedure.
- e) **Grain Size Distribution Test (Sieve Analysis and Hydrometer Analysis):** For separating coarse fractions, wet sieving was done. High speed mixing was done to ensure complete dispersion. Sodium Hexametaphosphate was used as a dispersing agent.
- f) **Specific Gravity Test:** These tests were conducted as per standard procedure.
- g) **Unconfined Compression Test:** Unconfined Compression Tests were done as per standard procedure.
- h) **Triaxial Shear Test:** The Triaxial Shear Tests were done as per standard procedure.
- i) **Consolidation Test:** The consolidation tests on undisturbed samples were conducted as per standard procedure.

Dr. S. P. Brahma & Associates, Kolkata


Sub - Assistant Engineer
Katwa Municipality


Chairman
Katwa Municipality

Chairman
Katwa Municipality



SECTION: IV : FOUNDATION ANALYSIS:

Two boreholes each 30m deep were made at the locations given by the Assistant Engineer of Katwa Municipality. At this site following soil layers are present within thirty meters from existing ground surface:

- i. **Brownish Silty Clay Layer:** The average thickness of this layer is about 0.5 metre.
- ii. **Brownish Clayey Silty Sand Layer:** The average thickness of this layer is about 1 metre. The Standard Penetration Test 'N' value varies from 3 to 4. The average Standard Penetration Test 'N' value is about 4.
- iii. **Brownish Clay Layer:** The average thickness of this layer is about 2.5 metres. The Standard Penetration Test 'N' value varies from 3 to 4. The average Standard Penetration Test 'N' value is about 4.
- iv. **Brownish Silty Sand Layer:** The average thickness of this layer is about 7.5 metres. The Standard Penetration Test 'N' value varies from 13 to 49. The average Standard Penetration Test 'N' value is about 25.
- v. **Bluish Sand Layer:** The average thickness of this layer is about 18.5 meters within 30 meters boring depth. The Standard Penetration Test 'N' value varies from 25 to 63. The average 'N' value is about 46.

Spread Foundation:

The Net Allowable Bearing Capacities of different types of Spread Foundation are given in Table No. 1.

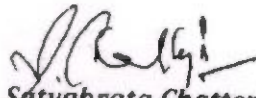
- For Isolated R. C. C. Footings tie beams in both directions should be used.
- Foundation bed should be compacted.
- The foundation bed should be kept free from ground water during concreting.
- Minimum Depth of Foundation is 1.5 metres.
- Band lintel should be used.

Pile Foundation:

Safe Load Carrying Capacities of R. C. C. Bored Piles are given in Table No. 2.


- Pile caps should be interconnected with tie beams in both directions.
- Actual Load Carrying Capacity of Pile must be determined from load test on test piles.


This site is located in Seismic Zone III. IS: 1893-2002- Criteria for Earthquake Resistant Design of Structures should be followed.


Satyabrata Chatterjee
B.Sc (C.U), B.C.E.(J.U.), M.I.E.
M.Sc.(Soil Mechanics, U.K.)
Consultant, Geotechnical Division

Dr. S. P. Brahma & Associates, Kolkata


Sub- Assistant Engineer
Katwa Municipality


Chairman
Katwa Municipality


Chairman
Katwa Municipality

SECTION: IV : FOUNDATION ANALYSIS:**Table 1: Net Allowable Bearing Capacity of Different Types of Spread Foundation:-**

Type of Foundation	Depth Of Foundation (m)	Size Of Foundation (m)	Minimum Net Safe Bearing Capacity From Shear Consideration (t/m ²)	Settlement Under Minimum Net Safe Bearing Capacity (cm)	Net Allowable Bearing Capacity (t/m ²)
Square Footing	1.5	2.5 x 2.5	7.5	2.7	7.5
		1.5 x 1.5	7.5	1.2	7.5
Strip Footing	1.5	2.5 m Wide	6.0	3.9	6.0
		1.5 m Wide	6.0	1.9	6.0

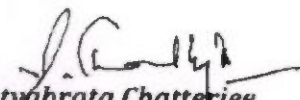
All calculations were done taking ground water level at ground surface during monsoon.

Table 2: Load Carrying Capacity of R. C. C. Bored Pile:

Depth Of Pile Tip from existing Ground Level (m)	Length Of Pile (m)	Diameter Of Pile (mm)	Cut Off Length (m)	Safe Load Carrying Capacity Of Pile (KN)	Safe Uplift Capacity Of Pile (KN)
10	8.5	500	1.5	260	180

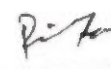
Static formula may be used as a guide only for bearing capacity estimate. Better reliance may be put on load test on piles (IS: 2911 Part 1/sec 2).


Actual Load Carrying Capacity of Pile must be determined from load test on test piles.


Satyabrata Chatterjee
 B.Sc (C.U), B.C.E.(J.U), M.I.E.
 M.Sc.(Soil Mechanics, U.K.)
 Consultant, Geotechnical Division

Dr. S. P. Brahma & Associates. Kolkata


 Sub - Assistant Engineer
 Katwa Municipality


 Chairman
 Katwa Municipality


 Chairman
 Katwa Municipality



SECTION: IV : FOUNDATION ANALYSIS:

Calculation of Safe Bearing Capacity

The Minimum Net Safe Bearing Capacity at 1.5 metres depth from ground level for 2.5m X 2.5m & 1.5m X 1.5m Square Foundation from Shear Consideration:


$$\begin{aligned}q_{\text{net safe}} &= CN_c S_c / F \quad \text{neglecting small } \phi \\ &= (0.35 \times 5.14 \times 1.3 \times 10) / 3 \text{ t/m}^2 \\ &= 7.80 \text{ t/m}^2 \quad \text{say } 7.5 \text{ t/m}^2\end{aligned}$$


The Minimum Net Safe Bearing Capacity at 1.5 metres depth from ground level for 2.5m wide & 1.5m wide Strip Foundation from Shear Consideration:

$$\begin{aligned}q_{\text{net safe}} &= (CN_c S_c) / F \quad \text{neglecting small } \phi \\ &= (0.35 \times 5.14 \times 1 \times 10) / 3 \text{ t/m}^2 \\ &= 6.0 \text{ t/m}^2\end{aligned}$$

Dr. S. P. Brahma & Associates, Kolkata


Sub - Assistant Engineer
Katwa Municipality


Chairman
Katwa Municipality


Chairman
Katwa Municipality

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भारत INDIA
INDIA NON JUDICIAL

सत्यमेव जयते

पश्चिमबङ्गा पश्चिम बंगाल WEST BENGAL
17/11/17 17:00 PM

Case No - 0208/000379863/17
Y 256783

Handwritten signatures and text in Bengali script.

Vertical handwritten text on the right side.

This document is admitted to registration. The endorsement sheet (s) and the signature sheet (s) attached to this document are parts of it.

Sub-Registrar
Katwa

MC 268
01 DEC 2017

দানপত্র

কাটোয়া পৌরসভার এলাকাধীন সম্পত্তি,

আনুমানিক মূল্য - ১০,০০,০০০ টাকা,

সরকার নির্ধারিত বাজার মূল্য - ৪,০০,৪৮,৪৭২ টাকা,

থানা - কাটোয়া, মৌজা - "চরপতিইহাট",

দানকৃত সম্পত্তির মোট পরিমাণ - ৩৪৫ শতক।

Handwritten signature on the left.

Chairman
Katwa Municipality

Katwa Municipality

Chairman
Katwa Municipality

1 NOV 2017

Sl. No. 2976 Date 24/12/17
Sold to सिसि गहलूसी
Add. Katwa

Value of Stamp IN
Date of Purchase
The Stamp Paper Purchase from Katwa
Treasury Stamp Vender
CHOWDHURY MD. SURAJ
KATWA A.D.S.R. OFFICE
Lic. No.-05 of 10-11

Signature



सिसि गहलूसी



V.C.T. No
963

सिसि गहलूसी

Additional District Sub-Registrar
Katwa, Dist.-Burdwan

01 DEC 2017

सिसि गहलूसी



964

सिसि गहलूसी



965

Chairman
Katwa Municipality

Katwa Municipality

1 NOV 2017

Sl. No. 2926 Date 24/11/17
Sold to [Signature]
Add. [Signature]
Value of Stamp [Signature]
Date of Purchase [Signature]
The Stamp Paper Purchase from Katwa
Treasury Stamp Vender
CHOWDHURY MD. SURAJ
KATWA A.D.S.R. OFFICE
Lic. No.-05 of 10-11

[Signature]
Signature



Sisiderallu



V.C.T. No
963

Sisiderallu

Additional District Sub-Registrar
Katwa, Dist. Burdwan

01 DEC 2017

[Signature]



964

[Signature]



965

[Signature]
Chairman
Katwa Municipality

[Signature]
Chairman
Katwa Municipality
Sub-Assistant Engineer
Katwa Municipality

S. Sinha

M. K. Sinha

G. K. Sinha

U. K. Sinha

দানপত্র গ্রহীতা : কাটোয়া পৌরসভার পক্ষে বর্তমান পৌরপ্রধান,
মাননীয় শ্রী রবীন্দ্রনাথ চ্যাটার্জী, পিতা- রাধাকান্ত চ্যাটার্জী,
জাতি- হিন্দু (ভারতীয় নাগরিক), পেশা- সমাজসেবা, সাং-
কাটোয়া (বারোয়ারী তলা), ডাকঘর, থানা, চৌকি ও এ্যা. ডি.
সাব-রেজিষ্ট্রী অফিস- কাটোয়া, জেলা- পূর্ব বর্ধমান।
PAN - ADKPC0178J

দানপত্র দাতা : ১। শ্রী শিশির চ্যাটার্জী, পিতা- বসন্ত চ্যাটার্জী,
PAN - AUSPC6768K

২। খন্দেকার গোলাম মোরসেদ,
পিতা- মৃত খন্দেকার গোলাম গাউস,
PAN - CIAPM2981E

৩। শ্রী গণেশ কুমার ব্যানার্জী, পিতা- সুনীতি কুমার ব্যানার্জী,

৪। শ্রী উমাশঙ্কর দাস, পিতা- ধনঞ্জয় দাস,
PAN - ALOPD8357L

জাতি- হিন্দু (ভারতীয় নাগরিক), পেশা- ১নং, ৩নং ও ৪নং
ব্যবসাদি, ২নং পেনশনভোগী, সর্ব সাং, পোঃ, থানা, চৌকি ও
এ্যা. ডি. সাব-রেজিষ্ট্রী অফিস- কাটোয়া, জেলা- পূর্ব বর্ধমান।

Chairman
Katwa Municipality

Sub-Assistant Engineer
Katwa Municipality

Chairman
Katwa Municipality

Uana Sankar 2017



4676
967

প্রদীপ কুমার হাঙ্গ
মঞ্জুরী বিলম্বিত হাঙ্গ
স্বঃ কামতেশ্বর



Additional District Sub-Registrar
Katwa, Dist. Burdwan

01 DEC 2017

Chairman
Katwa Municipality

Sub-Assistant
Katwa Municipality

১৯/০৬/১৯৭৯

Witness Handwritten Signature

Genash Kumar Bera

Chairman

কস্য কাটোয়া পৌরসভার ১৭নং ওয়ার্ডস্থিত 'কাশীগঞ্জ পাড়া' নামে খ্যাত মহল্লায় অবস্থিত রায়ত স্বত্বীয় খেলার মাঠ-এর শুভ দানপত্র মিদং কার্যক্রমে। নিম্ন তপশীল বর্ণিত সম্পত্তি কাটোয়া টাউন এ্যাথলেটিক ক্লাবের স্বত্ব দখলীয় সম্পত্তি হইতেছে। উক্ত সম্পত্তি অ্যার. এস. সেটেলমেন্ট রেকর্ডে কাটোয়া টাউন এ্যাথলেটিক ক্লাবের নামে রেকর্ডভুক্ত রহিয়াছে। উক্ত সম্পত্তি গত ইং ১১/০৬/১৯৭৯ তারিখে কাটোয়া সাব-রেজিষ্ট্রী অফিসে রেজিষ্ট্রীকৃত ৪৫৩২নং দানপত্র দলিলমূলে কাটোয়া টাউন এ্যাথলেটিক ক্লাবের তৎকালীন সদস্যগণের নিকট হইতে কাটোয়া মহকুমা ক্রীড়া সংস্থা প্রাপ্ত হন হইয়া মালিক ও দখলীকার হন। কিন্তু উক্ত দলিলের চুক্তিমাফিক পরবর্তী ১০ বৎসর পর উক্ত সম্পত্তি পুণরায় কাটোয়া টাউন এ্যাথলেটিক ক্লাবের পক্ষে ফিরিয়া আসে। সেহেতু বর্তমানে উক্ত সম্পত্তির মালিক ও দখলীকার কাটোয়া টাউন এ্যাথলেটিক ক্লাব হইতেছে। এক্ষণে পূর্বতন সদস্যগণ পরলোকগমন করায় উক্ত সম্পত্তি রক্ষণাবেক্ষণে অসুবিধার কারণে ও সংশ্লিষ্ট খেলাধুলার উন্নয়নকল্পে কাটোয়া পৌরসভা-কে কাটোয়া টাউন এ্যাথলেটিক ক্লাব-এর পক্ষে বর্তমান সদস্যগণ দান করিতে ইচ্ছুক হওয়ায় উক্ত দান কাটোয়া পৌরসভার পক্ষে বর্তমান পৌরপ্রধান হিসেবে শ্রী রবীন্দ্রনাথ চ্যাটার্জী মহাশয় গ্রহণ করিতে ইচ্ছুক হইলে অদ্য তারিখে উক্ত সম্পত্তি কাটোয়া টাউন এ্যাথলেটিক ক্লাবের বর্তমান সদস্যগণ হিসাবে আমরা দাতাগণ কাটোয়া পৌরসভার অনুকূলে নিঃশর্তে দান করিয়া দিয়া প্রকাশ, প্রচার, স্বীকার ও অঙ্গীকার করিতেছি যে, নিম্ন তপশীল বর্ণিত সম্পত্তিতে ইতিপূর্বে কাটোয়া টাউন এ্যাথলেটিক ক্লাবের যাহা কিছু স্বত্ব দখল, লভ্য অধিকার প্রভৃতি ছিল ও আছে

Rec

Chairman
Katwa Municipality

Chairman
Katwa Municipality

Sub-Assistant Eng.
Katwa Municipality

১১.১১.২০১৭

শ্রী শ্রী শ্রী

গণেশ কুমার

১১.১১.২০১৭

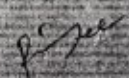
এতদ্বর্থে সুস্থ চিত্তে, সরল অন্তঃকরণে, স্বেচ্ছায়, অন্যের বিনা প্ররোচনায়, নিঃশর্তে আমরা কাটোয়া পৌরসভার নাম বরাবর অদ্য তারিখে দানপত্র দলিল সম্পাদন করিয়া দিলাম। ইতি সন ১৪২৪ সাল, তারিখ ৩০শে কার্তিক, ইংরাজী ১৭/১১/২০১৭.


তপশীল

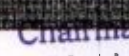
জেলা - পূর্ব বর্ধমান, থানা, চৌকি ও এ্যা. ডি. সাব-রেজিষ্ট্রী অফিস কাটোয়া, কাটোয়া পৌরসভার অন্তর্গত, ওয়ার্ড নং - ১৭, 'কাশীগঞ্জ পাড়া' নামে খ্যাত মহল্লায় অবস্থিত, 'টাউন এ্যাথলেটিক ক্লাব গ্রাউন্ড' নামে খ্যাত, মৌজা - "চরপাতাইহাট" সীমানাস্থিত জে. এল. নং - ৮৯, আর. এস. খতিয়ান নং - ৭৫০ (সাতশত পঞ্চাশ) ২৫০ (দুইশত পঞ্চাশ)।

সাবেক দাগ নং - ২১ (একুশ),
আর. এস. দাগ নং - ৯৯ (একশত), রকম- খেলার মাঠ,
পরিমান ৪৬ শতক মধ্যে দানকৃত সম্পত্তির পরিমান..... ৩৪ (চৌত্রিশ) শতক।

সাবেক দাগ নং - ২০ (কুড়ি),
আর. এস. দাগ নং - ১০০ (একশত), রকম- খেলার মাঠ,
পরিমান ১৬১ শতক মধ্যে দানকৃত সম্পত্তির পরিমান..... ১৪১ (একশত একচল্লিশ) শতক।


Chairman
Katwa Municipality


Sub-Assistant
Katwa Municipality


Chairman
Katwa Municipality

১১/১১/১১
১১/১১/১১
১১/১১/১১
১১/১১/১১

সাবেক দাগ নং - ১৮ (আঠারো),

আর. এস. দাগ নং - ১০১ (একশত এক), রকম- ডাঙ্গা, বর্তমানে খেলার মাঠ,
১ অংশ দানকৃত সম্পত্তির পরিমাণ..... ৫০ (পঞ্চাশ) শতক।

সাবেক দাগ নং - ১৬ (ষোল),

আর. এস. দাগ নং - ১১৬ (একশত ষোল), রকম- ডাঙ্গা, বর্তমানে খেলার মাঠ,
১ অংশ দানকৃত সম্পত্তির পরিমাণ..... ৫৯ (উনষাট) শতক।

সাবেক দাগ নং - ১৭ (সতেরো),

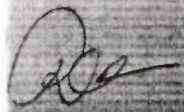
আর. এস. দাগ নং - ১১৭ (একশত সতেরো), রকম- ডাঙ্গা, বর্তমানে খেলার মাঠ,
১ অংশ দানকৃত সম্পত্তির পরিমাণ..... ৬১ (একষষ্টি) শতক।

পাঁচ দাগে দানকৃত সম্পত্তির মোট পরিমাণ..... ৩৪৫ (তিনশত পঁয়তাল্লিশ) শতক।

দানকৃত ৩৪৫ শতক সম্পত্তির একত্রিত চৌহদ্দি :

উত্তর, দক্ষিণ ও পশ্চিমে- রাস্তা, পূর্বে- ভারতীভবন ইন্স্কুল,
ইতিমধ্যে দানকৃত ৩৪৫ শতক সম্পত্তি অবস্থিত।

খাজনা : পশ্চিমবঙ্গ ভূমি ও ভূমি সংস্কার রেভিনিউ আইন মতে খাজনা ধার্য
হইবে। রায়ত স্বত্ব।



Chairman
Katwa Municipality

Sub-Assistant Engineer
Katwa Municipality

Chairman
Katwa Municipality

১৫/১১/১৯৫৬

শ্রী রবীন্দ্রনাথ চ্যাটার্জী
Chairman
Katwa Municipality

জমিদার : সমষ্টি ভূমি ও ভূমি সংস্কার আধিকারীক কাটোয়া - ১,
পোঃ - কাটোয়া, জেলা - পূর্ব বর্ধমান।

অত্র দানপত্র দলিল কাটোয়া পৌরসভার পক্ষে বর্তমান পৌরপ্রধান হিসাবে
আমি শ্রী রবীন্দ্রনাথ চ্যাটার্জী গ্রহণ করিলাম।

Signature
Chairman
Katwa Municipality

ইসাদি

অত্র দলিলের খসড়া আমার
দ্বারা প্রস্তুত করা হইল।
লেখক - শ্রী রাধাচরণ দাস
সাং - কাটোয়া

- ১। Sharna Halder
Katwa
- ২। Masud Chatterjee
Katwa
- ৩। Chandrachud Das
Katwa
- ৪। ...
সাং কাটোয়া
- ৫। ...
সাং কাটোয়া

লাইসেন্স নং - কে.টি.এ ২২
স্বাক্ষর - *Signature*
সাং কাটোয়া
লাইসেন্স নং - কে.টি.এ-২২





































টাইপ কারক - অসিত বিশ্বাস
Signature

Chairman
Katwa Municipality

sub-Ass
Katwa Municipality

Chairman
Katwa Municipality

SPECIMEN FORM FOR TEN FINGERPRINTS

		Little Finger	Ring Finger	Middle Finger	Fore Finger	Thumb
 <i>Resident</i> Chairman Katwa Municipality	Left Hand					
	Right Hand					
 <i>S.S. 1961/5</i> <i>S.S. 1961/12</i>	Left Hand					
	Right Hand					
 <i>Resident</i> <i>Resident</i>	Left Hand					
	Right Hand					
 <i>Resident</i> <i>Resident</i>	Left Hand					
	Right Hand					

SPECIMEN FORM FOR TEN FINGERPRINTS



	Little Finger	Ring Finger	Middle Finger	Fore Finger	Thumb
Left Hand					
	Thumb	Fore Finger	Middle Finger	Ring Finger	Little Finger
Right Hand					
	Little Finger	Ring Finger	Middle Finger	Fore Finger	Thumb
Left Hand					
	Thumb	Fore Finger	Middle Finger	Ring Finger	Little Finger
Right Hand					
	Little Finger	Ring Finger	Middle Finger	Fore Finger	Thumb
Left Hand					
	Thumb	Fore Finger	Middle Finger	Ring Finger	Little Finger
Right Hand					
	Little Finger	Ring Finger	Middle Finger	Fore Finger	Thumb
Left Hand					
	Thumb	Fore Finger	Middle Finger	Ring Finger	Little Finger
Right Hand					

Umesh Kumar

[Signature]
Chairman
Municipality

Sub-...
Katwa Municipality

Chairman
Katwa Municipality



Government of West Bengal
Directorate of Registration & Stamp Revenue
FORM-1564

Miscellaneous Receipt

Visit Commission Case No / Year	0208000448/2017	Date of Application	17/11/2017
Query No / Year	02081000379863/2017		
Transaction	[0206] Gift, Gift in f/o Govt./Local Bodies(Exempt Cases)		
Applicant Name of QueryNo	Mr Radhacharna Das		
Stampduty Payable	Rs.0/-		
Registration Fees Payable	Rs.0/-		
Applicant Name of the Visit Commission	Mr R Das		
Applicant Address	katwa		
Place of Commission	KATWA, P.O:- KATWA, P.S:- Katwa, District:-Burdwan, West Bengal, India, PIN - 713130		
Expected Date and Time of Commission	17/11/2017 6:00 PM		
Fee Details	J1: 250/-, J2: 300/-, PTA-J(2): 0/-, Total Fees Paid: 550/-		
Remarks			

Chairman

Sub - Assis
Katwa Municipality

Chairman
Katwa Municipality

I. Signature of the Person(s)

Sl No.	Name of the Executant	Category	Photograph	Finger Print	Signature with date
4	Mr Umashankar Das Katwa, P.O:- Katwa, P.S:- Katwa, District:- Burdwan, West Bengal, India, PIN - 713130	Donor		 967	 17/11/17
5	Mr Rabindranth Chatterjee Katwa, P.O:- Katwa, P.S:- Katwa, District:-Burdwan, West Bengal, India, PIN - 713130	Represent ative of Donee [Katwa Municipalit y]		 966	
Sl No.	Name and Address of identifier	Identifier of		Signature with date	
1	Mr Pradip Kumar Das Son of Mr Dhanapati Das Katwa, P.O:- Katwa, P.S:- Katwa, District:-Burdwan, West Bengal, India, PIN - 713130	Mr Shishir Chatterjee, Mr Khondekar Golam Morsed, Mr Ganesh Kumar Banerjee, Mr Umashankar Das, Mr Rabindranth Chatterjee		 17/11/17	

(Santanu Basak)
 ADDITIONAL DISTRICT
 SUB-REGISTRAR
 OFFICE OF THE A.D.S.R
 KATWA
 Burdwan, West Bengal

Chairman
 Katwa Municipality

Sub-Assistant
 Katwa Municipality


Chairman
 Katwa Municipality


Your PAN Card Application Status

Application Coupon number U - 632014807
Application Type For new PAN Card (Form 69A) as a Resident Indian
Applicant Name GANESH KUMAR BANERJEE
Status YOUR APPLICATION IS PROCESSED SUCCESSFULLY
PAN (DKZPB3366N) IS ALLOTTED, CARD IS UNDER PRINTING.
Region EASTERN REGION

[Back](#)

Designed by: UTIITSL


Chairman
Katwa Municipality


340 - Assn
Katwa Municipality

Chairman
Katwa Municipality

Major Information of the Deed

No.	I-0208-06495/2017	Date of Registration	01/12/2017
Query No / Year	0208-1000379863/2017	Office where deed is registered	
Query Date	17/11/2017 12:18:53 PM	A.D.S.R. KATWA, District: Burdwan	
Applicant Name, Address & Other Details	Radhacharan Das Katwa, Thana : Katwa, District : Burdwan, WEST BENGAL, PIN - 713130 Mobile No 7797671916, Status : Deed Writer		
Transaction	Additional Transaction		
[0206] Gift, Gift in f/o Govt./Local Bodies(Exempt Cases)			
Set Forth value	Market Value		
Rs. 10,00,000/-	Rs. 4,00,48,472/-		
Stamp duty Paid(SD)	Registration Fee Paid		
Rs. 100/- (Article:33(ii))	Rs. 0/- (Article:A(1))		
Remarks	Received Rs. 50/- (FIFTY only) from the applicant for issuing the assement slip.(area)		

Land Details :

District: Burdwan, P.S:- Katwa, Municipality: KATWA, Road: Barowari Tala Road, Road Zone : (Away from Road (beyond 100 ft from main road) --), Mouza: Charpataihat

Sch No	Plot Number	Khatian Number	Land Use		Area of Land	SetForth Value (In:Rs.)	Market Value (In:Rs.)	Other Data
			Proposed	ROR				
L1	RS-99	RS-750	Khelar Math	Khelar Math	34 Dec	1,00,000/-	32,96,966/-	Width of Appro Road: 12 Ft.,
L2	RS-100	RS-750	Khelar Math	Khelar Math	141 Dec	4,00,000/-	1,36,72,714/-	Width of Appro Road: 12 Ft.,
L3	RS-101	RS-750	Khelar Math	Danga	50 Dec	1,50,000/-	67,87,880/-	Width of Appro Road: 12 Ft.,
L4	RS-116	RS-750	Khelar Math	Danga	59 Dec	1,50,000/-	80,09,698/-	Width of Appro Road: 12 Ft.,
L5	RS-117	RS-750	Khelar Math	Danga	61 Dec	2,00,000/-	82,81,214/-	Width of Appro Road: 12 Ft.,
TOTAL :					345Dec	10,00,000 /-	400,48,472 /-	
Grand Total :					345Dec	10,00,000 /-	400,48,472 /-	

Donor Details :

Sl No	Name,Address,Photo,Finger print and Signature
1	Mr Sisir Chatterjee (Presentant) Son of Late Basanta Chatterjee Katwa, P.O:- Katwa, P.S:- Katwa, District:-Burdwan, West Bengal, India, PIN 713130 Sex: Male, By Caste: Hindu, Occupation: Business, Citizen of: India, PAN No.: AUSPO6768K, Status: Individual, Executed by: Self, Date of Execution: 17/11/2017 , Admitted by: Self, Date of Admission: 17/11/2017 ,Place : Pvt. Residence, Executed by: Self, Date of Execution: 17/11/2017 , Admitted by: Self, Date of Admission: 17/11/2017 ,Place : Pvt. Residence
2	Mr Khondekar Golam Morshed Son of Late Khondekar Golam Gowas Katwa, P.O:- Katwa, P.S:- Katwa, District:-Burdwan, West Bengal, India, PIN - 713130 Sex: Male, By Caste: Muslim, Occupation: Retired Person, Citizen of: India, PAN No.: CIAPM2981E, Status: Individual, Executed by: Self, Date of Execution: 17/11/2017 , Admitted by: Self, Date of Admission: 17/11/2017 ,Place : Pvt. Residence, Executed by: Self, Date of Execution: 17/11/2017 , Admitted by: Self, Date of Admission: 17/11/2017 ,Place : Pvt. Residence

Chairman

JUD-
Katwa Municipality

Chairman
Katwa Municipality

Late Suniti Kumar Banerjee KATWA, P.O.- KATWA, P.S.- Katwa, District-Burdwan, West Bengal, India, PIN - 713130 Sex: Male, By Caste: Hindu, Occupation: Business, Citizen of India, PAN No.: DKZPB3366N
 Status: Individual, Executed by: Self, Date of Execution: 17/11/2017
 Admitted by: Self, Date of Admission: 17/11/2017, Place: Pvt. Residence, Executed by: Self, Date of Execution: 17/11/2017
 Admitted by: Self, Date of Admission: 17/11/2017, Place: Pvt. Residence

Mr Umasankar Das

Son of Late Dhananjoy Das Katwa, P.O.- Katwa, P.S.- Katwa, District-Burdwan, West Bengal, India, PIN - 713130 Sex: Male, By Caste: Hindu, Occupation: Business, Citizen of India, PAN No.: ALOPD8357L, Status: Individual, Executed by: Self, Date of Execution: 17/11/2017
 Admitted by: Self, Date of Admission: 17/11/2017, Place: Pvt. Residence, Executed by: Self, Date of Execution: 17/11/2017
 Admitted by: Self, Date of Admission: 17/11/2017, Place: Pvt. Residence

Donee Details :

Sl No	Name,Address,Photo,Finger print and Signature
1	Katwa Municipality Katwa, P.O.- Katwa, P.S.- Katwa, District:-Burdwan, West Bengal, India, PIN - 713130, PAN No.: ADKPC00 Status: Organization, Executed by: Representative

Representative Details :

Sl No	Name,Address,Photo,Finger print and Signature
1	Mr Rabindranath Chatterjee Son of Late Radha Kanta Chatterjee Katwa, P.O.- Katwa, P.S.- Katwa, District:-Burdwan, West Bengal, India, PIN - 713130, Sex: Male, By Caste: Hindu, Occupation: Business, Citizen of India, PAN No.: ADKPC0178J Status: Representative, Representative of: Katwa Municipality (as chairman)

Identifier Details :

Name & address	
Mr Pradip Kumar Das Son of Mr Dhanapati Das Katwa, P.O.- Katwa, P.S.- Katwa, District:-Burdwan, West Bengal, India, PIN - 713130, Sex: Male, By Caste: Hindu, Occupation: Deed Writer, Citizen of India, Identifier Of Mr Sisir Chatterjee, Mr Khondekar Golam Morshed, Mr G. Kumar Banerjee, Mr Umasankar Das, Mr Rabindranath Chatterjee	

Transfer of Land from Donor To Donee

Sch No.	Donor Name	Donee Name	Relationship of Donor and Donee (Within Family ?)	Transferred Area	Share in Value (in Rs)
L1	Mr Sisir Chatterjee	Katwa Municipality		8.5 Dec	8,24,242/-
L1	Mr Khondekar Golam Morshed	Katwa Municipality		8.5 Dec	8,24,242/-
L1	Mr Ganesh Kumar Banerjee	Katwa Municipality		8.5 Dec	8,24,242/-
L1	Mr Umasankar Das	Katwa Municipality		8.5 Dec	8,24,242/-
L2	Mr Sisir Chatterjee	Katwa Municipality		35.25 Dec	34,18,179/-

Chairman

Sub-Assistant
 Katwa Municipality

Chairman
 Katwa Municipality

	Mr Khondekar Golam Morshed	Katwa Municipality	35.25 Dec	34,18,179
	Mr Ganesh Kumar Banerjee	Katwa Municipality	35.25 Dec	34,18,179
L2	Mr Umasankar Das	Katwa Municipality	35.25 Dec	34,18,179
L3	Mr Sisir Chatterjee	Katwa Municipality	12.5 Dec	16,96,979
L3	Mr Khondekar Golam Morshed	Katwa Municipality	12.5 Dec	16,96,979
L3	Mr Ganesh Kumar Banerjee	Katwa Municipality	12.5 Dec	16,96,979
L3	Mr Umasankar Das	Katwa Municipality	12.5 Dec	16,96,979
L4	Mr Sisir Chatterjee	Katwa Municipality	14.75 Dec	20,02,429
L4	Mr Khondekar Golam Morshed	Katwa Municipality	14.75 Dec	20,02,429
L4	Mr Ganesh Kumar Banerjee	Katwa Municipality	14.75 Dec	20,02,429
L4	Mr Umasankar Das	Katwa Municipality	14.75 Dec	20,02,429
L5	Mr Sisir Chatterjee	Katwa Municipality	15.25 Dec	20,70,309
L5	Mr Khondekar Golam Morshed	Katwa Municipality	15.25 Dec	20,70,309
L5	Mr Ganesh Kumar Banerjee	Katwa Municipality	15.25 Dec	20,70,309
L5	Mr Umasankar Das	Katwa Municipality	15.25 Dec	20,70,309

Endorsement For Deed Number : I - 020806495 / 2017

On 17-11-2017

Presentation (Under Section 52 & Rule 22A(3) 46(1), W.B. Registration Rules, 1962)

Presented for registration at 17:00 hrs on 17-11-2017, at the Private residence by Mr Sisir Chatterjee, one of Executants.

Admission of Execution (Under Section 58, W.B. Registration Rules, 1962)

Execution is admitted on 17/11/2017 by 1. Mr Sisir Chatterjee, Son of Late Basanta Chatterjee, Katwa, P.O. Thana: Katwa, Burdwan, WEST BENGAL, India, PIN - 713130, by caste Hindu, by Profession Business, 2. Khondekar Golam Morshed, Son of Late Khondekar Golam Gowas, Katwa, P.O: Katwa, Thana: Katwa, Burdwan, WEST BENGAL, India, PIN - 713130, by caste Muslim, by Profession Retired Person, 3. Mr Ganesh Kumar Banerjee, Son of Late Suniti Kumar Banerjee, KATWA, P.O: KATWA, Thana: Katwa, Burdwan, WEST BENGAL, India, PIN - 713130, by caste Hindu, by Profession Business, 4. Mr Umasankar Das, Son of Late Dhananjay Das, Katwa, P.O: Katwa, Thana: Katwa, Burdwan, WEST BENGAL, India, PIN - 713130, by caste Hindu, by Profession Business, Indetified by Mr Pradip Kumar Das, Son of Mr Dhanapati Das, Katwa, P.O: Katwa, Thana: Katwa, Burdwan, WEST BENGAL, India, PIN - 713130, by caste Hindu, by profession Deed Writer

Admission of Execution (Under Section 58, W.B. Registration Rules, 1962) [Representative]

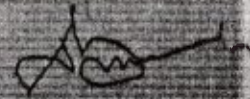
Execution is admitted on 17-11-2017 by Mr Rabindranath Chatterjee, chairman, Katwa Municipality, Katwa, P.S:- Katwa, District:-Burdwan, West Bengal, India, PIN - 713130.

Chairman

Sd/-
Katwa Municipality

Chairman
Katwa Municipality

by Mr Pradip Kumar Das, Son of Mr Dhanapati Das, Katwa, P.O. Katwa, Thana: Katwa, Burdw
India, PIN - 713130, by caste Hindu, by profession Deed Writer



Santanu Basak
ADDITIONAL DISTRICT SUB-REG
OFFICE OF THE A.D.S.R. KAT
Burdwan, West Bengal

On 01-12-2017

Certificate of Admissibility (Rule 43, W.B. Registration Rules 1962)

Admissible under rule 21 of West Bengal Registration Rule, 1962 & Exempted from stamp duty

Payment of Stamp Duty

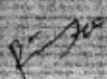
Certified that required Stamp Duty payable for this document is Rs. 0/- and Stamp Duty paid by Stamp Rs 10/-

Description of Stamp


- 1 Stamp: Type: Court Fees, Amount: Rs. 10/-
- 2 Stamp: Type: Impressed, Serial no 1786, Amount: Rs 100/-, Date of Purchase: 16/12/2017, Vendor name:




Santanu Basak
ADDITIONAL DISTRICT SUB-REG
OFFICE OF THE A.D.S.R. KAT
Burdwan, West Bengal





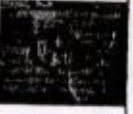




Chairman
Katwa Municipality



Sub-Assistant Engineer
Katwa Municipality



Chairman
Katwa Municipality

Ward No.	Name of Street / Location	Nearest landmark	Full name of respondent	Name of Father/ Husband name in Full	Whether willing to avail Govt. shelter?	Present living location	Whether living in state location	Photo No.	Full Name	Relation with respondent	Age as on 01/01/14	Sex	Physically challenged	Mcgally challenged	Formal education	Occupation	Monthly Income (Rs.)	Photo
					(Y/N)		(Y/N)				(Y/N)	(M/F/A)	(Y/N)	(Y/N)			(Rs.)	
13	Platform No-1, Railway Station	Katwa Railway Station	Sukur Ali Mallick	Late Kasem Ali	Y	Railway Platform	Y	C-1-1	Sukur Ali Mallick	Self	55	M	N	N	Illiterate	Street Beggar	450/-	
13	Platform No-1, Railway Station	Katwa Railway Station	Premananda Shil	Late Tarani Mohan Shil	Y	Railway Platform	Y	C-1-2	Premananda Shil	Self	88	M	N	N	Class-v	Street Beggar	350/-	
13	Platform No-1, Railway Station	Katwa Railway Station	Umesh Ram	Joy Krishna Ram	Y	Railway Platform	Y	C-1-3	Umesh Ram	Self	30	M	N	Y	Illiterate	Street Beggar	350/-	
13	Platform No-1, Railway Station	Katwa Railway Station	Ranjit Saha	Late Sudhir Ch. Saha	Y	Railway Platform	Y	C-1-4	Ranjit Saha	Self	67	M	Y	N	Illiterate	Street Beggar	400/-	
13	Platform No-1, Railway Station	Katwa Railway Station	Purnima Chandra	Late Paran Chandra	Y	Railway Platform	Y	C-1-5	Purnima Chandra	Self	55	F	N	N	Illiterate	Street Beggar	300/-	
13	Railway Over Bridge	Katwa Railway Station	Raoji Mali	Late Arjun Mali	Y	Railway Platform	Y	C-1-6	Raoji Mali	Self	42	M	N	N	Illiterate	Street Beggar	400/-	
13	Railway Over Bridge	Katwa Railway Station	Alamgir Sk	Israk Sk	Y	Railway Platform	Y	C-1-7	Alamgir Sk	Self	30	M	Y	N	Illiterate	Street Beggar	350/-	

Commissioner / Secretary / EO / FO
 Chairman
 Katwa Municipality

Sub- Assistant Engineer
 Katwa Municipality

Stamp and signature of the Mayor / Chairperson of ULB
 Chairman
 Katwa Municipality

Urban Houseless Population Survey Report of <name of ULB>, 2014

Platform No-2, Railway Station 13	Katwa Railway Station	Champa Das	Late Bimal Das	Y	Railway Platform	Y	C-11-17	Champa Das	Self	45	F	N	N	Illiterate	Street Beggar	350/-	
Platform No-2, Railway Station 13	Katwa Railway Station	Shayam Laxmi Choudhuri	Late Jogeswar Choudhuri	Y	Railway Platform	Y	C-11-18	Shayam Laxmi Choudhuri	Self	62	F	N	N	Illiterate	Street Beggar	300/-	
Ticket Counter 13	Katwa Railway Station	Sukur Rahaman	Late Gadai Sk	Y	Railway Platform	Y	G-1-19	Sukur Rahaman	Self	70	M	N	N	Illiterate	Street Beggar	300/-	

Sub - Assistant Engineer
Katwa Municipality

Chairman
Katwa Municipality

Chairman
Katwa Municipality