Jalpaiguri Municipality

Detailed Project Report for Construction of 1835 EWS Houses under BLC mode of Pradhan Mantri Awas Yojana (PMAY)-HFA (U) for Jalpaiguri Municipality

Jalpaiguri Municipality
Jalpaiguri

Submitted by

Jalpaiguri Municipality

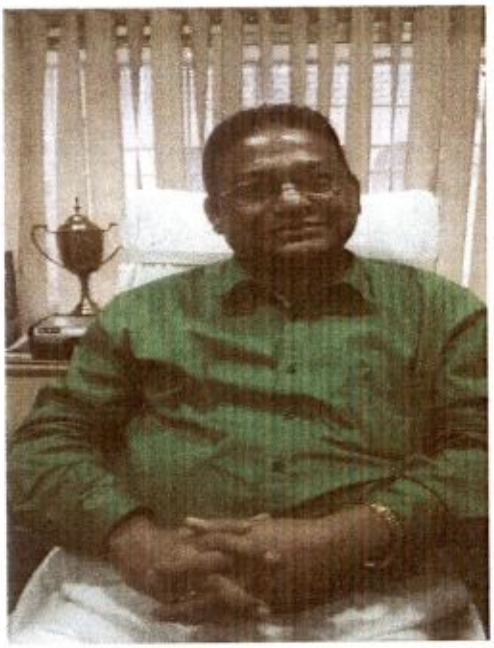
Dist: Jalpaiguri, West Bengal

November - 2016

Table of Contents

Contents

Introductory Note by Chairman



Amongst the cities of west Bengal, the importance of Jalpaiguri is enormous. The town came into existence both as the Divisional and District Headquarters in 1869 and keeping in view the importance of the town. The Jalpaiguri Municipality was established in 1885.

Right from the inception, the Municipality is saddled with the responsibility of extending services to its residents. With this end in view, the Board of Councillors have taken up the responsibility of keeping up the tradition that begun a century and two decades back and is solely bent upon providing a better and dynamic trend of services to its tax-payers.

Notwithstanding manifold hurdles coupled with extreme financial constraints that confronted the Municipality very often, the Municipality has been relentlessly striving for inducting better reformed services. Through the wake of globalization, there has been a growing demand from the residents for providing better quality of services thereby making inroads of a number of many new problems.

In order to cope up with this challenge, the Municipality has endeavored to introduce in the field providing services some technology based modern and more dynamic method of functioning. But the infrastructure and the bulk of fund that are needed for these developments are absent since it is not possible for the Municipality alone to provide such a huge quantum of fund from its limited sources. It can be made possible only with the financial assistance from the State and Central Govt. and Statutory and non-Statutory Bodies dealing with Municipal affairs to help & create a better and comfortable environment for the public.

It is known to all that Jalpaiguri is endowed and replete with a number of religious and famous tourist spots and this heritage town itself can very well be made as a place for transition of tourists for visiting the nearest sites and temples, like Jalpesh Mandir, the temple of goddess Kali set up by Devi Chowdhurani, Tea gardens, Forests etc. of Dooars.

Today Jalpaiguri is in the process of preparing the Housing For All Plan of Action (HFAPoA). In the last 5 years, with the help of the people, we have tried to address the problems of urban poor & slums keeping the aspirations of people and development objectives and targets in mind. At some point we have been successful in realizing the dreams of the people while in others we were not. Preparation of **Housing For All Plan of Action** along with, its implementation and monitoring opened a new challenge to us – the challenge of providing all basic services to all poor people and ensuring equitable socio-economic development of the people of Jalpaiguri.

It's an honour and privilege to present before the people of Jalpaiguri, the 2nd Housing For All Plan of Action which offers to provide development of all slums and ensure that new slums do not come up and thereby developing Jalpaiguri into a vibrant economy. Learning from the past we look forward towards achieving long term benefits, perspectives and convergences rather than short term goals. The Housing For All Plan of Action has been prepared and we look forward for a great future.

To sum up, the Municipality is trying hard to reach the goal in a well-planned and scientific way to translate the above visions into reality so that the fruits of its whole-hearted efforts percolate even to the humblest residents of the town.

Chairman
Jalpaiguri Municipality

Planning Team

I. Shri. Mahon Bose, Chairman, Jalpaiguri Municipality.

II. Shri.Sandip Mahato, Chairman-in-Council-Member, Jalpaiguri Municipality.

III. Shri Anirban Pal, Executive Officer, Jalpaiguri Municipality., (Nodal Officer for HFA)

IV. Shri Tapash Datta , OS , Jalpaiguri Municipality

V. Shri. Tapan Roy, Urban Planner, Jalpaiguri Municipality.

VI. Shri., Sajal Roy ,Accounts & Finance Coordinator, Jalpaiguri Municipality.

VII. I.T Coordinator, Jalpaiguri Municipality.

List of Tables

List of Maps

Abbreviations

A&OE	Administrative and Other Expenses	LIG	Low Income Group
AHP	Affordable Housing in Partnership	MD	Mission Directorate
AIP	Annual Implementation Plan	MoA	Memorandum of Agreement
BMTPC	Building Materials & Technology Promotion Council	MoHUPA	Ministry of Housing and Urban Poverty Alleviation
CDP	City Development Plan	MoU	Memorandum of Understanding
CLS	Credit linked subsidy	NA	Non Agricultural
CNA	Central Nodal Agencies	NBC	National Building Code
CPHEEO	Central Public Health and Environmental Engineering Organisation	NHB	National Housing Bank
CSMC	Central Sanctioning and Monitoring Committee	NOC	No Objection Certificate
DIPP	Department of Industrial Policy and Promotion	NPV	Net Present Value
DPR	Detailed Project Report	PLI	Primary Lending Institution
EMI	Equated Monthly Installment	RWA	Residents' Welfare Association

EWS	Economically Weaker Section	SECC	Socio Economic and Caste Census
FAR	Floor Area Ratio	HFAPoA	Slum Free City Plan of Action
FSI	Floor Space Index	SLAC	State Level Appraisal Committee
HFA	Housing for All	SLNA	State Level Nodal Agency
HFAPoA	Housing for All Plan of Action	SLSMC	State Level Sanction and Monitoring Committee
IEC	Information Education & Communication	TDR	Transfer of Development Rights
IFD	Integrated Finance Division	TPQMA	Third Party Quality Monitoring Agency
IIT	Indian Institute of Technology	ULB	Urban Local Boday
IS	Indian Standard	UT	Union Territory

Working Definitions

Affordable Housing Project:	Housing Projects where 35 % of the houses are constructed for EWS category
Beneficiary	A beneficiary family will comprise husband, wife and unmarried children. The beneficiary family should not own a pucca house (an all-weather dwelling unit) either in his//her name or in the name of any member of his/her family in any part of India
Carpet Area	Area enclosed within the walls, actual area to lay carpet. This area does not include the thickness of the inner walls.
Central Nodal Agencies	Nodal Agencies identified by Ministry for the purposes of implementation of Credit Linked subsidy component of the mission
Economically Weaker Section(EWS)	EWS households are defined as households having an annual income up to Rs 3, 00,000(Rupees Three Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre
EWS House	An all-weather single unit or a unit in a multi storeyed super structure having carpet area of upto 30 sq.m. with adequate basic civic services and infrastructure services like toilet , water, electricity etc. States can determine the area of EWS as per their local needs with information to Ministry
"Floor Area Ratio" (FAR)/FSI	The quotient obtained by dividing the total covered area (plinth area) on all the floors by the area of the plot: Total covered area on all the floors x 100 **FAR=** ---------- Plot area If States/Cities have some variations in this definition, State/City definitions will be accepted under the mission
Implementing Agencies	Implementing agencies are the agencies such as Urban Local Bodies, Development Authorities, and Housing Boards etc. which are selected by State Government / SLSMC for implementing Housing for All Mission.
Low Income	LIG households are defined as households having an annual income between

Group (LIG)	Rs.3, 00,000 (Rupees Three Lakhs One) up to Rs.6, 00,000 (Rupees Six Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.
Primary Lending Institutions (PLI)	Scheduled Commercial Banks, Housing Finance Companies, Regional Rural Banks (RRBs), State Cooperative Banks, Urban Cooperative Banks or any other institutions as may be identified by the Ministry
Slum	A compact area of at least 300 population or about 60-70 households of poorly built congested tenements, in unhygienic environment usually with inadequate infrastructure and lacking in proper sanitary and drinking water facilities.
State Land Nodal Agencies (SLNAs)	Nodal Agency designated by the State Governments for implementing the Mission
Transfer of Development Rights (TDR)	TDR means making available certain amount of additional built up area in lieu of the area relinquished or surrendered by the owner of the land, so that he can use extra built up area himself in some other land.

Annexure-7C

(Para 14.5 of the Guidelines)

Format for Project under Beneficiary led Construction or Enhancement

1	Name of the State	:	WEST BENGAL						
2	Name of the City	:	JALPAIGURI						
3	Project Name	:	HOUSING FOR ALL(U)						
4	Project Code	:							
5	State Level Nodal Agency	:	SUDA						
6	Implementing Agency / ULB'	:	JALPAIGURI MUNICIPALITY						
7	Date of approval by State Level sanctioning and Monitoring Committee (SLSMC)	:							
8	No. of locations covered in project No.of Slum Covered = 77 No. of Non Sium Area Covered =18	:	**Name of Location** Jalpaiguri Municipality	**No. of benificiary** Slum= 1830 Non slum= 115	**Whether Slum (Y/n)** Yes	**if yes, 1 if notified, 2 if recognised and 3 if identified** (1) Notified	**if slum, whether it gets completely rehabilitated Y/n** Not Applicable		
9	Project Cost	:	7873.36						
10	No of Beneficiaries covered in the project	:	**Gen**	**SC**	**ST**	**OBC**	**Total**	**Minority**	**Person with Disability**
			853	519	25	548	1945	319	Nil
11	Whether beneficiary have been selected as PMAY guideline? (Yes/No)	:	Yes						
12	No. of houses constructed / acquired Please specify ownership (any of these)	:	Joint (1555)	Female (390)	Male (0)	Transgender (0)			
13	No. of beneficiaries covered in project	:	Male (1012)	Female(933)	Transgender (0)				
14	Whether it has been ensured that selected beneficiaries have rightful ownership of the land	:	Yes						
15	Whether building plan for all houses have bee approved	:	Yes						
16	) GoI grant required (Rs. 1.5 lakh per eligible penificiary) (Rs in Lakhs)	:	2917.50						
	ii) State grant, if any (Rs. In lakhs)	:	4111.73						
	iii)ULB grant, if any (Rs. In Lakh)	:	357.88						
	iv) Benificiary Share (Rs.in lakhs)	:	486.25						
	Total (Rs.in lakh)	:	7873.36						
17	Whether technical specification/ design for housing have been ensured as per Indian Standards/NBC/ State noms.	:	Yes						
18	Whether it has been ensured that balance cost of construction is tied up with State grant, ULB grant & beneficiary share?	:	Yes						
19	Whether trunk and line infrastructure is existing or being provisioned i) Water Supplu (Yes/ No)	:	Yes						
	(ii) Sewerage (Yes / No)	:	No						
	iii) Road (Yes / No)	:	Yes						
	iv) Strom Water Drain (yes/No)	:	Yes						
	v) External Electrification (Yes/No)	:	Yes						
	vi) Solid Waste Management (Yes/No)	:	Yes						
	vii) Any other, specify	:	No						
	viii) In case, any infurture has not been proposed, reasons thereof.	:	Sewerage Scheme has not been proposed due to desired level of supply of water as CPHEEO norms has not been achieved.						

20	Whether disaster (earthquake, flood, cyclone landslide etc.) resistance features have been adopted in concept, design and implementation?	:	Yes
21	Whether Demand Survey completed for entire city?	:	Yes
22	Whether city-wide integrated project have been formulated? If not, reasons therof.	:	Yes
23	Whether validation with SECC data for housing conditions conducted?	:	Yes
24	Whether Direct Benefit Transfer (DBT) of fund to individual bank account of benificiary ensured in the project?	:	Yes
25	Whether there is provision in DPR for tracking/ monitoring the progress of indivitual houses through geo-tagged photographs?	:	Yes
26	Whether any innovation/cost effective/Green technology adopted in the project?	:	Conventional technology adopted
27	Comments of SLAC after techno economic appraisal of DPR.	:	
28	Brief of project , including any other information ULB/State would like to furnish.	:	

*State will give code number to each project sanctioned under HFA as 'ABCDEFGHIJKLM'
(Where 'AB' is State Code as per census 'CDEFGH' is city code as per census 'IJ' is running number of project of the city and 'K' is project component code i.e. 'k' will be 1-for in-situ- slum redevelopment, 2 –for Relocation 3- for AHP and 4-for Beneficiary led-Construction or enhancement) ,' L' will be N- for New, R- for R i, 'M' will be running number which will be O for new and 1 and so on for revision.

It is hereby confirmed that State /UT/ and ULB have checked all the beneficiaries as per guideline of HFA. It is also submitted that no beneficiary has been selected for more than one benefit under the Mission including Credit Linked Subsidy Scheme (CLSS) component of the Mission.

Sighature
Chairman/Chairperson/Mayor/Commissioner

Signature
Chief Engineer
M.E.Dte.

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

Signature
(State Level Nodal Officer)

Signature
(Secretary / Principal Secretary, Concerned Department)

Executive Summary

Project Details

1	State	:	West Bengal
2	City	:	jalpaiguri
3	Project Name	:	Pradhan Mantri Awas Yojana, Housing For All (Urban)
4	Project Cost (Rs. In Lac)	:	**7873.36**
5	Central Share (Rs. In Lac)	:	**2917.50**
6	State Share (Rs. In Lac)	:	**4111.73**
7	ULB Share (Rs. In Lac)	:	**357.88**
8	Beneficiary Share (Rs. In Lac)	:	**486.25**
9	Infrastructure cost per dwelling unit (Rs. In Lac)	:	
10	SOR Adopted	:	**PWD (WB) w.e.f 1.7.2014 with current corrigendum (9th Corrigendum)**

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

Sl No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share	State Govt. Share	ULB Share	Benificiaries Share
A. HOUSING											
1	New in- situ										
	Single storied units		1945	Nos.	3.68	7157.60	7157.60	2917.50	3753.85		486.25
2	Up-gradation										
3	Rental										
4	Transit										
	Total Housing Cost Sub Total (A)					**7157.60**	**7157.60**	**2917.50**	**3753.85**	**0.00**	**486.25**

B. INFRASTRUCTURE

1	**Roads**										
i	BT Roads		91295.92	Sqm	784	715.76	715.76		357.88	357.88	
ii	CC Roads					0.00		0.00	0.00	0.00	0.00
iii	Interlocking Block										
iv	Culverts										
3	**Storm Water Drains**										
	Total Infrastructure Cost Sub Total (B)					**715.76**	**715.76**	**0.00**	**357.88**	**357.88**	**0.00**
	Total (A+B)					**7873.36**	**7873.36**	**2917.50**	**4111.73**	**357.88**	**486.25**
	Ratio of Housing to Infrastructure (A/B)					**10.00**	**10.00**				

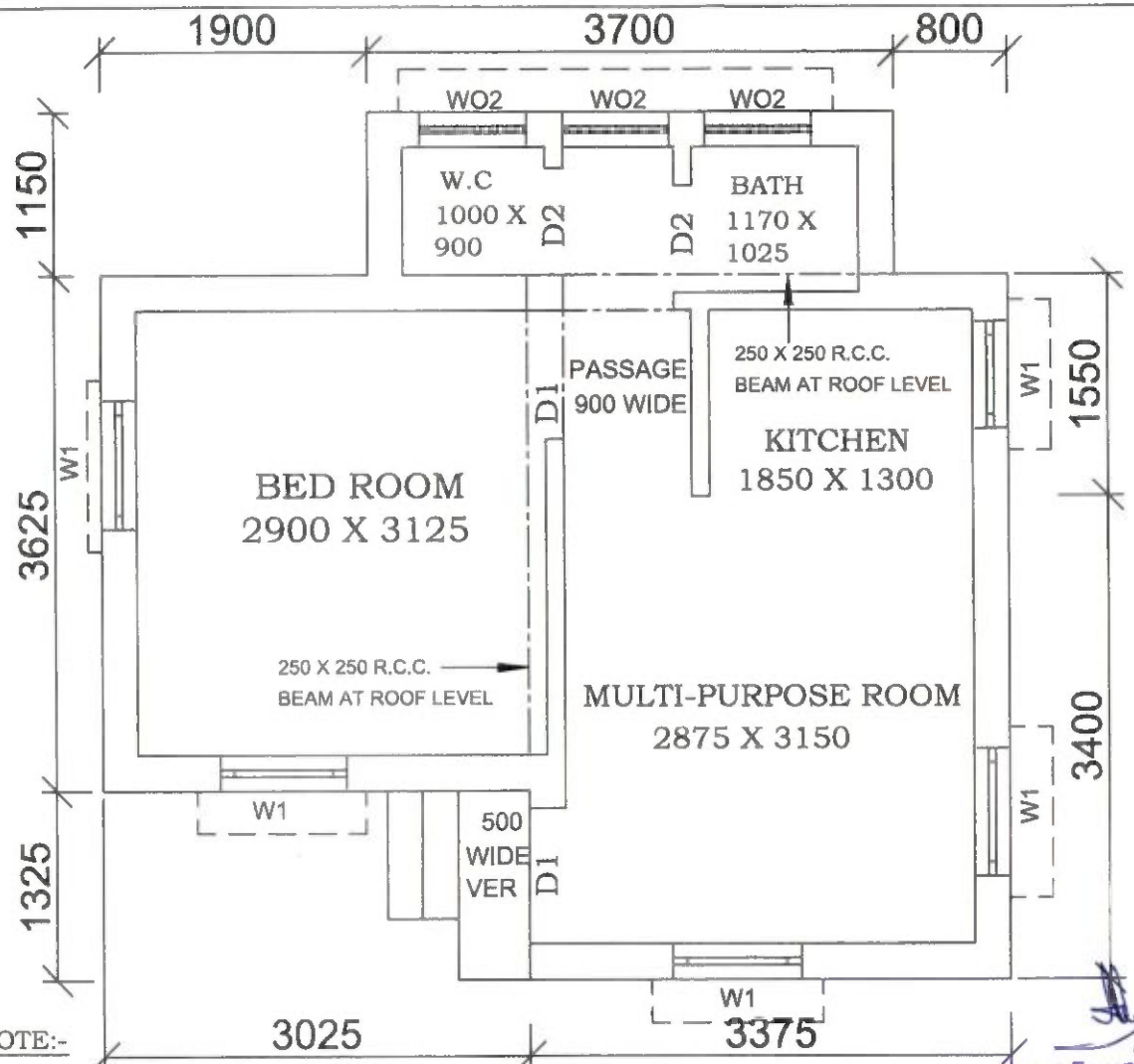
Signature of the ULB Level CompetentTechnical officer
Name & Designation:
Address:
Fax No.:
Telephone No.:
Mobile No.:
E-mail:

Signature of the State Level Competent Technical Officer
Name & Designation: Amit Das, Chief Engineer, Municipal Engineering Dte,
Address: Bikash Bhawan, South Block, 1St Floor, Salt lake , Kolkata - 7000 91
Fax No: +91- 33- 23375474
Telephone No.: +91-33-23371331
Mobile No.: (0)9475825219
E-mail: ce_medte@yahoo.com

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

Signature of the State Level Nodal Officer
Name & Designation: Shri M.N.Pradhan, IAS
Address: State Urban Development Agency
Fax No: 91-33-23585767
Telephone No: + 91-33-23585767
Mobile No.: (0) 9830031488
E-Mail: wbsudadir@gmail.com

Signature of the Chairman
Name & Designation:
Address: Jalpaiguri Municipality
Fax No.: 3561-231096
Telephone No.: 03561-231096
Mobile No.: 9434004857
E-mail No.: jalpaiguri.municipality@gmail.com



NOTE:-

1. ALL WINDOW OPENINGS (W1&W2) WILL BE PROVIDED WITH Z-BATTEN SHUTTERS.
2. ALL DOORS (D1&D2) -25TH Z-BATTERN SHUTTERS, SINGLE LEAF.
3. WO2 - OPENING PROVIDED WITH R.C.C. JALLI.
4. PLINTH HEIGHT - 450 TH.
5. CEILING HEIGHT - 2750 TH.
6. MAIN WALL - 250 TH.
7. PARTITION WALL - 125 TH.
8. ROOF SLAB, BEAM, LINTEL, ETC. WITH REINFORCED CEMENT CONCRETE M20 GRADE.
9. FLOOR OF VERANDAH, WC, BATH, & KITCHEN ROOM TO BE KEPT 15 MM BELOW THE FLOOR LEVEL OF ROOM & PASSAGE.
10. 100 MM TH. PIECE LINTEL OVER OPENING HAVE BEEN PROVIDED.
11. ALL DIMENSION ARE IN MM.

DOORS & WINDOWS SCHEDULE	
MARKING	DIMENSION
WI	900 X 900
W2	750 X 900
WO2	750 X 750
DI	900 X 2100
D2	750 X 2100

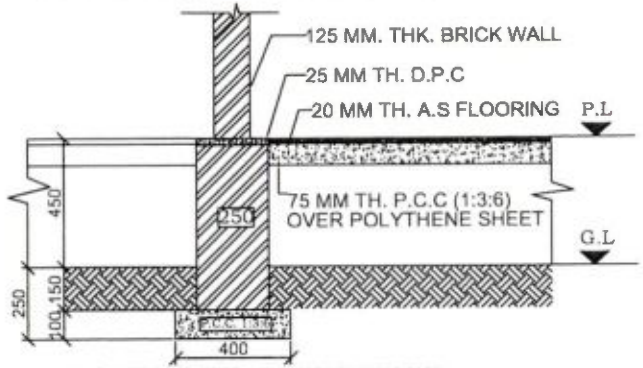
FLOOR AREA - 25.77 SQM.

BUILT UP AREA - 32.58 SQM.

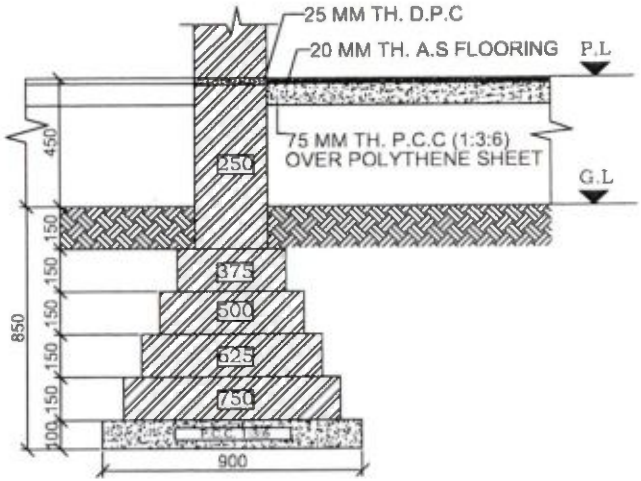
Chief Engineer
M E Directorate
Deptt. of Municipal Affairs
Govt. of West Bengal

Sub-Assistant Engineer
Jalpaiguri Municipality

FOUNDATION DETAILS



125 MM THK. BRICK WALL



250 MM THK. BRICK WALL

PRADHAN MANTRI AWAS YOJANA

HOUSING FOR ALL (URBAN)

OFFICE OF THE CHIEF ENGINEER

MUNICIPAL ENGINEERING DIRECTORATE

GOVT. OF WEST BENGAL

DWG. NO.

SCALE :- 1:50 & 1:25

Chairman
Jalpaiguri Municipality

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

Pradhan Mantri Awas Yojana Housing For All (Urban)

Total Covered Area- 32.58 sq.m (With Electrical Works)

Referance of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda

Floor Area 25.77 sqm

Sl. No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Earthwork in excavation in 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 including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm . **SOR, PWD, P-1, I -2 a**	13.000	%cu.m	12047.00	1566.11
2	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. **SOR, PWD, P-1, T/3 a**	11.120	%cu.m	7831.00	870.81
3	Supplying Laying Polithin Sheets etc. **SOR, PWD, P-45, T - 13**	22.000	sqm	25.00	550.00
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering.a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety **SOR, PWD, Page 24 ; Item -10 a**	3.500	cu.m.	5823.00	20380.50
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete. **SOR, PWD, P-45, T-12**	6.810	sqm,	297.00	2022.57
6	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. b) In super structure **SOR, PWD, P-29, T -22(a), (b)**	10.430 15.240	cum cum	5719.00 5943.00	59649.17 90571.32
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor **SOR, PWD, P-73, I -29**	23.220	sq.m.	783.00	18181.26
8	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 Variety **SOR, PWD, P-14, T -7(i)**	3.940	cu.m.	6851.66	26995.54
9	Reinforcements 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 16G 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/Mild steel. **SOR, PWD, P-27, T -15(i)**	0.309	MT	60705.93	18775.74
10	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). (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.) **SOR, PWD, P-66, T -12(a)** 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M^2	360.00	13342.68

Sub-Assistant Engineer
Jalpaiguri Municipality

Chairman
Jalpaiguri Municipality

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
11	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 . In ground floor. A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster **SOR, PWD, P-151, T -2 (i)(b)**	116.940	sq.m.	181.00	21166.14
	b) Out side Wall, 15mm th. **SOR, PWD, P-151, I -2 (i)(c)**	111.950	sq.m.	156.00	17464.20
	B)10mm th ceiling plaster (4:1) **SOR, PWD, P-151, I -2 (i)(c)**	23.330	sq.m.	140.00	3266.20
12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. **SOR, PWD, P-152, I -8**	26.700	sq.m.	38.00	1014.60
13	Artificial stone in floor,dado, staircase etc. with cement conctrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick **SOR, PWD, P-40, I -3 (i)**	26.490	sq.m.	265.00	7019.85
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1)a fitted and fixed omplete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) **SOR, PWD, P-90, I -18 (c)**	34	each	22.00	748.00
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood **SOR, PWD, P-85, T -1(i)**	0.213	cu.m.	46171.00	9834.42
16	Panel Shutter of door & Window (each Panal Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panal of size 30 to 45 cm. Other Local wood **SOR, PWD, P-105, I -84 (iv)c**	8.520	sq.m.	1567.00	13350.84
17	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a)75mm x 47mm x 1.70mm **SOR, PWD, P-91, T -20(iv)**	32.000	each	34.00	1088.00
18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia **SOR, PWD P-93, I-25,c**	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats **SOR, PWD, P-155, I -3 (b)**	124.960	%sq.m	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothing surface thoroughly external surface One Coat **SOR, PWD, P-155, I - 4(ii)(a)**	100.560	%sq.m	1514.00	1522.48
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand papering etc. 1) On timber surface **SOR, PWD, P - 162, I - 7(a)**	21.690	sq.m.	41.00	889.29
	2) On Steel Surface **SOR, PWD, P - 162, I - 7(b)**	2.700	sq.m.	31.00	83.70
22	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 : With super gloss (hi-gloss)-With any shade except white. a) On timber or plastered surface Two Coats	21.690	sq.m.	89.00	1930.41
	b) On Steel surface Two Coats **SOR, PWD, P - 162, - 8A(aii),(bii)**	2.700	sq.m.	86.00	232.20

Sub-Assistant Engineer
Jalpaiguri Municipality

Chairman
Jalpaiguri Municipality

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm diad with center bolt and round fitting. 300 mm long **SOR, PWD, P-93, I - 27c**	2.000	each	193.00	386.00
24	Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item **will not be** issued by deptt. **SOR, PWD, P-32, I - 38 (b)**	1.690	sq.m.	351.00	593.19
25	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete. **P-173, I-21 A (ii), C(ii), D(ii)** **SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)**				
	i) UPVC Pipe 110 mm dia	3.000	Mtr.	291.00	873.00
	ii) UPVC Bend 87.5 degree 110 mm dia	2.000	each	162.00	324.00
	iii) UPVC Shoe 110 mm	1.000	each	128.00	128.00
26	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. Grill weighing 10 kg/sq m to16 kg/m2 **SOR, PWD, P - 76, I - 10 (i)** ***(2.70sqm @ 10.5kg per sqm = 28.35 kg)***	0.284	Qntl	8247.00	2342.15
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied ,fitted and fixed in position (excluding cost of concrete for fixing). 450 mm long **SOR, PWD, (Sanitary) P - 65, I - 1 (iii)**	1.000	each	1062.00	1062.00
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including adding colour as necessary. **SOR, PWD, (Sanitary) P - 66, I - 9**	1.000	Pair	70.00	70.00
29	Supplying,fitting and fixing cast iron 'P' or 'S' trap conformimg to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed surface. S Trap 100 mm **SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)**	1.000	each	923.00	923.00
30	Supplying, fitting fixing CI Round Gratings 150mm dia **SOR, PWD, (Sanitary) P - 55, I - 18(ii)**	1.000	Each	100.00	100.00
	Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement morter (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 75m. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plustering and neat cement punning on top of the slab and making hooking arrangment on slab for lifting of the slab if require as well as jointing the connection with the inspection pit (450 x 450) covered with 50mm thick RCC slab (4:2:1) with stone chips and necessary renforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder earth including supplying fitting fixing fibre glass pan P-tap & polythene pipe as per requirement to connect with the inspection pit complete with all respect as per direction of EIC.(ANNEXURE-II)	1	Item	7544.00	7544.00
	TOTAL AMOUNT		**Rs.**		**350000.36**
	Say		**Rs.**		**350000.00**
	Add for Electrical Works (ANNEXURE-I)		**Rs.**		**17858.00**
	TOTAL AMOUNT		**Rs.**		**367858.00**
(Rupees Three lakh Sixty seven thousand Eight hundred & Fifty eight only)					

Sub-Assistant Engineer
Jalpaiguri Municipality

Chairman
Jalpaiguri Municipality

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

ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY

(ANNEXURE-I)

Sl.No.	SOR	Item of works	Unit	Rate	Quantity	Amount
1	PWD/Vol-I (Aug 2008) A/1(b)/E-9	Supplying & fitting polythene pipe complete with fittings as necessary. Under celing /beam/bound with 22SWG GI wire inclusive S & Drawing 1x18 SWG GI wire as fish wire inside the pipe & fittings and providing 55 mm dia disc of MS sheet (20SWG) having colour paint at one face first ended at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction) 19 mm dia 3 mm thick polythene pipe	RM	39.00	25.00	975.00
2	PWD/Vol-I (Aug 2008) A/1(m)/E-17	Powerckt wiring supplying and drawing 1 ; 1KV grade single core stranded FR PVC insulated & unseathed single core stranded Copper wire (Finolex make) 2 x 2.5 sqmm (PH & N) +1x1.5 sqmm (ECC) per laid polythene pipe and by the prelaid GI fish wire & making necessary connections as required.	RM	76.00	50.00	3800.00
3	PWD/Vol-I (Aug 2008) A/1/2 (a- i)/E-17	Concealed Distribution wiring in in 2x1.5 sqmm single core standard *FR* insulated and unseathed cop per wire Finolex make & 1x1.5 sq mm single core stranded PVC cinsulated and unseathed cop per (Finolex make) wire used as ECC in 19 mm bore 3 mm thk. polyythene pipe complete with all accessries embedded in wall smooth run to light / fan/call bell point with pino key type switchb (6 Amps) (Anchor make) fixed on sheet metal (16 SWG) Switch Board with bakelite/ perspex (wall maching colour) Top cover (3 mm thick) flushed in wall including mending all good damages to original finish Average per point 6.00 mt.	points	828.00	10.00	8280.00
4	PWD/Vol-I (Aug 2008) A/4 (a-i)/E-18	Deistribution concealed wiring with 2x1.5 sq mm (PH & N) single core stranded FR PVC insulated & unsheathed single core sttranded 1.1 KV grade Copper Wire (finolex) & 1x1.5 sq mm (ECC) single core stranded (PH & N) 1.1 KV grade cu wire (finolex) & 1 x 1.5 sq mm single core stranded PVC insulted & unsheathed cu wire (finolex) used as ECC in 19 mm bore, 3 mm thick polythene pipe complete with all accessories embedded in wall 250 volt 5 amp 3 pin plug point including S & F 250 Volt 5 amp 3 pin flush type plug socket & piano key type swich (Anchor make) on **existing switch board as mentioned sl. no.3**	points	76.00	2.00	152.00

Sub-Assistant Engineer
Jalpaiguri Municipality

Chairman
Jalpaiguri Municipality

Sl.No	SOR	Item of works	Unit	Rate	Quantity	Amount
5	PWD/Vol-I (Aug 2008) E-17, A 1-e	Supplying & drawing 1.1 KV grade single core srtanded FR PVC insulated & unseathed single core sranded cu Wire 3x2.5 sq mm (finolex make) in the prelaid polythene pipe & by the prelaid GI fishwire & making necessary connection as required **(CESC supply to consumer DP near to CESC & inside the room another DP near CESC & inside the room another DP of dwelling units)**	RM	86.00	15.00	1290.00
Sl.No.	SOR	Item of works	Unit	Rate	Quantity	Amount
6	KMC 2008-09)A/(1/e) p/(h)	Supplying Delivery & instalation on wall of 30/32 amp DP MCBof Havel's make with enclosed box along with all its necessary 1 connection complete.(Anchor)	nos	808.00	2	1616.00
7	PWD/Vol-I (Aug 2008) 2(a) G-1	Earthing in soft soil with 50 mm dia GI pipe (TATA make Medium) 3.64 mm th. X 3.04 Mtr long and 1 x 4 SWG GI (hot dip) wire (4 m long) 13 mmdia x 80 mm long GI bolts, double nuts, double washer including S & F 15 mm dia GI protection (1 mtr long) to be filled with bitumen partlyunder the ground level & partly above GL driven to an average depth of **3.65 m** below the GL & restoring surface duly rammed.	each	1715.00	1	1715.00
8	PWD/Vol-I (Aug 2008) 5(a-iv) G-3	Connecting the equipment to earth BUSbar inclussive S&F 10 SWG (Hot Dip) GI wire on wall /floor with a staples buried inside wall /floor as required & making connection to equipments with bolt, nut, washer, cable lugs etc. as required & mending good damages.	M	6.00	5	30.00
				TOTAL		17858.00
Rupees Thirteen Thousand Eight Hundred Seventy Eight Only						**17858.00**

Sub-Assistant Engineer
Jalpaiguri Municipality

Chairman
Jalpaiguri Municipality

Detailed Estimate for Single Dwelling unit

Floor area 25.76 sqm Built up area 32.18 sqm

	C/L of main outer wall				125 mm Partitionwall			Varandah C/L			
		4.65			3.375			1.275			
		0.8			1.15			0.9			
		1.15			1.15	2.3		2.175			
		3.45			2.187						
		1.15			1.9						
		1.7			1.387	5.474					
		3.375			11.149						
		1.275									
		2.825									
		3.125									
		23.5									
	X wall	1.25									
Sl.no.											
1	Earth workin excavation										
	250 mm wall										
	1	23.5	0.75	0.7	12.34						
		0.875	0.75	0.7	0.46						
		24.375			12.8	m3					
	125 mm Wall										
		2.625	0.4	0.225	0.24						
	WC	0.4	0.4	0.225	0.04						
	Bath	0.65	0.4	0.225	0.06						
	5.474	0.75		0.225							
		4.724	0.4	0.225	0.43						
	Varanda	1.425	0.4	0.225	0.13						
					0.88						
	Step	0.5	0.9	0.075	0.034						
					13.715	m3					
2	Soling										
		24.375	0.75		18.281						
		11.45	0.4		4.58						
					22.861						
3	Polythene sheet										
		2.575	3.125		8.047						
		2.875	2.625		7.547						
		2	1.65		3.3						
	passage	0.625	2.375		1.484						
	Bath&WC	2.7	0.9		2.43						
	Varndah	1.025	0.6		0.615						
	step	0.9	0.5		0.45						
					23.873						
4	Jhama concrete										
			18.28	0.075	1.371						
			4.58	0.075	0.344						
			23.93	0.075	1.795						
					3.51						
5	Earth work in filling 1/5 excavation										
			13.715	5	2.743						
			23.48	0.375	8.805						
					11.548	m3					

6	B.W (6:1) in Foundation of plinth								
		23.5	0.625	14.6875					
		23.5	0.5	11.75					
		23.5	0.375	8.8125					
				35.25	0.15	5.288			
		23.5	0.25		0.525	3.084			
	X wall	0.938	0.625	0.586					
		1	0.5	0.5					
		1.063	0.375	0.399					
				1.485	0.15	0.223			
		1.125	0.25		0.525	0.148			
	125mm	3.125	0.25		0.525	0.41			
	Bath&WC	2	0.9	0.25	0.523	0.235			
	Kit	5.224	0.25		0.525	0.686			
	Vard	1.925	0.25		0.525	0.253			
	Steps	0.5	0.9		0.15	0.068			
		0.25	0.9		0.15	0.034			
						10.427	m3		
7	DPC	23.5							
		1.125							
		24.625		0.25		6.156			
		3.125							
		1.8							
		5.224							
		10.149		0.125		1.269			
						7.425			
	Less	0.9		0.25	0.225				
		0.9		0.125	0.113				
	3	0.75		0.125	0.281				
						0.619			
						6.806	sqm		
8	BW in super structure (6:1)								
		23.5							
		1.125							
		24.625	2.75	0.25	16.93				
	Parapet	23.8	0.075	0.25	0.446				
						17.376			
	Less opens								
	1	0.9	2.1	1.89					
	4	0.9	0.9	3.24					
	1	0.75	0.9	0.675					
	3	0.75	0.75	1.688					
				7.493	0.25	1.873			
	Lintel								
	1	1.525	1.525						
	4	1.2	4.8						
	1	1.05	1.05						
			7.375	0.25	0.1	0.184			
	Wo2								
	1	3.05	3.05	0.25	0.1	0.076			

					(-)	2.134			
	Net brick work						15.242	m3	
9	125 th. Brick work (6:1)								
	room		3.125	2.6	8.125				
	kit		2.125	2.75	5.844				
			1.65	2.75	4.5375				
			1.45	2.65	3.8425				
	2		0.9	2.1	3.78				
						26.12875			
	Less opening								
	1	0.9	0.9						
	3	0.75	2.25						
			3.15	2.1	6.615				
	Lintel								
	1	1.3	1.3						
	1	1.025	1.025						
			2.325	0.1	0.2325				
					6.8475				
						19.28125			
	Parapet								
		23.5		0.15		3.525			
						22.806			
	passege	0.75		0.55		0.4125			
						23.219	sqm		
10	Conc M-20								
	Roof slab								
	32.15	1.1475	31.003		0.1	3.1			
	Beam		3.625	0.25	0.15	0.136			
			2.575	0.25	0.1	0.064			
	Lintel						3.301		
	D1	1	1.525	1.525					
	W1	4	1.2	4.8					
	W2	1	1.05	1.05					
	WO2	1	3.05	3.05					
				10.425	0.25	0.1	0.261		
	D1	1	1.39	1.39					
	D2	1	1.025	1.025					
	D2	2	1.4	2.8					
	O2	1	0.875	0.875					
	D2	2		6.09	0.125	0.1	0.076		
	Chaja								
	W1	4	1.2	4.8					
	W2	1	1.03	1.03					
	D1	1	1.275	1.275					
	W02	1	3.05	3.05					
				10.155	0.3	0.075	0.228		
							3.866	m3	
11	Reinforcement								
		3.866	0.80%	1	7850	0.243	MT		

12	Shuttering								
	31	23.5	1.125						
			24.63	0.25					
	31			6.156	24.844				
	Side beam	2	3.125	0.15	0.9375				
		2	2.325	0.1	0.465				
	side slab	1	25.3	0.1	2.53				
	Lintel	1	0.9	0.25	0.225				
		1	1.525	0.1	0.153				
		1	1.275	0.35	0.446				
		1	0.3	0.05	0.015				
						29.615	sqm		
	4W1	4	0.9	0.25	0.9				
		4	1.2	0.1	0.48				
		4	1.2	0.35	1.68				
	2	4	0.3	0.05	0.12				
	1W2	1	0.75	0.25	0.188				
		1	1.05	0.1	0.105				
		1	1.05	0.35	0.368				
	2	1	0.3	0.05	0.03				
	WO2	3	0.75	0.25	0.563				
	1	1	3.05	0.1	0.305				
		1	3.05	0.35	1.068				
	2	1	0.3	0.05	0.03				
	Lintel 125 Wall								
	D1	1	0.9	0.125	0.113				
		2	1.3	0.1	0.26				
	D2	2	0.75	0.125	0.188				
	2	2	1.15	0.1	0.46				
	D2	2	0.75	0.125	0.188				
		2	1.9	0.1	0.38				
						7.423			
						37.038	sqm		
13	Plaster (6:1)								
	Out side 15 mmth.								
			2.85	1.125	0.45				
		25.3			4.425	111.953	sqm		
	Inside 20 mm th.								
	2	2.7	3.125	2.75	32.038				
	2	2.875	2.625	2.75	30.25				
	2	2	1.65	2.75	20.075				
	2	2.075		2.75	11.413				
	Above lintel								
	1	0.75		0.65	0.488				
	Bath								
	2	0.9		2.75	4.95				
	WC								
	1	2.95		2.75	8.113				
	1	2.25		2.75	6.188				
	4	2.2		0.9	7.92				
	T. 125 wall								

	2	0.9		0.125	0.225				
						121.658			
	Open out side less								
	3	0.75		2.1	4.725				
					(-)	4.725			
						116.933	sqm		
	Celling Plaster				24.47				
	Less				1.14				
						23.33	Sqm		
14	Neat cement punning								
	Out side	Plinth							
		25.3	0.45			11.385	Sqm	11.385	
	Inside		2.7	3.125					
		2		5.825	0.1	1.165	Sqm		
			2.875	2.625					
		2		5.5	0.1	1.1	Sqm		
	Kithen		2	1.65					
		2		3.65	0.45	3.285	Sqm		
		1		1.65	0.45	0.743	Sqm		
		2		2.075	0.1	0.415	Sqm		
	Varanda			1.775	0.1	0.178	Sqm		
	step WC	1		3	0.45	1.35	Sqm		
	Bath			3.5	2	7	Sqm		
				0.75	0.1	0.075	Sqm		
	In side punning						15.31	15.31	
	Total							26.695	Sqm
15	Art. Stone flooring								
	Floor area					25.37	sqm		
	Step	2	0.9	0.25		0.45			
	W1	4	0.9	0.1		0.36			
	W2	1	0.75	0.1		0.075			
	W3	3	0.75	0.1		0.225			
							26.48	Sqm	
16	Ms Clamp for door & window								
	D1+D2	4	6			24			
	W1+W2	5	2			10			
							34	nos.	
17	Wood work in Door & window frame								
	D1	2	5.1	10.2					
	D2	2	4.95	9.9					
	W1	4	3.6	14.4					
	W2	1	3.3	3.3					
				37.8	0.075	0.075	0.213	m3	
18	Z batten shutter								
	D1	2	0.775	2.025		3.139			
	D2	2	0.625	2.025		2.531			
	W1	4	0.775	0.775		2.403			
	W2	1	0.775	0.625		0.484			
							8.557	sqm	
19	Iron Butt Hinges								

	D1+D2					12			
	W1	4	4			16			
	W2	1	4			4			
							32	nos.	
20	Iron soket bolt								
	Door			6					
	Window			5					
							11	nos.	
21	White wash								
	Inside+Celling Plaster- inside punning								
			116.933	23.33	15.31		124.953	sqm	
22	Colour wash								
	Out side Plaster- out side punning								
			111.953	11.385			100.568	sqm	
23	Priming on timber sutrface								
	2	2	0.9	2.1		7.56			
	2	2	0.75	2.1		6.3			
	4	2	0.9	0.9		6.48			
	1	2	0.75	0.9		1.35			
							21.69	sqm	
24	Painting best quality on wooden surface								
	same sl.no. 23						21.69	sqm	
25	MS ornamental gril....10Kg-16 Kg								
	W1	4	0.75	0.75	2.25				
	W2	1	0.75	0.6	0.45				
					2.7				
					@12Kg/sqm		32.4	Kg	
26	Priming on Steel sutrface						2.7	sqm	
27	Painting best quality on steel surface						2.7	sqm	
	same sl.no. 24								
28	R.C.C. Shelf								
		1.75	0.5				0.875	sqm	
29	Roof treatment with cow dang								
				32.18					
	Deduct	1.14	(varanda)	1.14					
	Cornice	25	0.125	3.125					
				27.915			27.915	sqm	

Sub-Assistant Engineer
Jalpaiguri Municipality

Chairman
Jalpaiguri Municipality

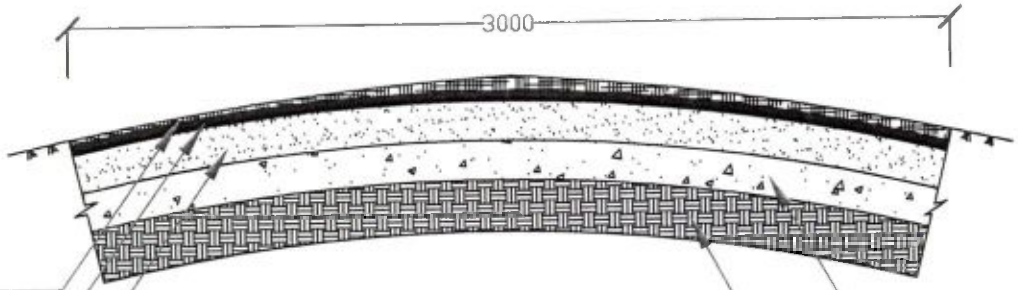
Cost Estimate for 2 Nos Leach Pit for single unit Dwelling Unit
P.W.D Schedule of Rates effect from 1st July 2014

(ANNEXURE-II)

Sl No	Description of Items	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bttom boiling out water aqs requred complete . Depth of exavation not existing 1500mm **P.No-1, I-2(a)**	2.500	%Cu.M	12047.00	301.18
2	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. In ground floor and foundation (a) 6:3:1 proportion.	0.050	Cu.M	5803.06	290.15
3	Brick work with 1st class bricks in cement mortar (6 :1). a) In foundation & Plinth **P.no-29, I-21(a)**	0.010	Cu.M	5719.00	57.19
4	125 mm. thick brick work with 1st class bricks in cement mortar (4 : 1) G.Floor	3.000	SqM	714.00	2,142.00
5	Controlled Cement concrete with well graded stone chips (20 - mm nominal size) excluding shuttering and reinforcement with complete design of concrete as per I : 456 and relevant special publications submission of job mix formula after preliminary mlx design after testing of concrete cubes as per direction of Engineer-in charge Consumption of cement will not be less than 300 Kg of cement -with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on- the basis of preliminary test and job mix formula. -I n ground floor and foundation. [Using concrete mixture] M 20 Grade	0.145	Cu.M	6871.54	996.37
6	Reinforcemnet for reinforced concrete work in all sorts of structures incl. Distribution bars, stirrups, binder etc. incl. supply of rods, initial straightening & removal of loose rust (if necessary), cutting to requisite length, hooking etc **P.no-27, I-15(a)(i)**	0.010	M.T	68508.00	685.08
7	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete.				
	i) UPVC Pipe 110 mm dia	4.000	Mtr	291.00	1,164.00
	ii) UPVC Bend 87.5 degree 110 mm dia **P.no-174, I-21(B)C(ii)**	2.000	Each	162.00	324.00
8	Jaffri brick work 125 mm. thick with 1st class bricks in cement mortar (4:1) including 12 mm. thick cement plaster (4:1) in all faces in ground floor .P.no-32, I-35	2.000	SqM	792.00	1,584.00
				Cost of 2 no leach pit	**7,543.97**
				Total=	**7,544.00**

Sub-Assistant Engineer
Jalpaiguri Municipality

Chairman
Jalpaiguri Municipality



Premix Seal Coat

20 mm thick Premix Surfacing

75 mm thick
WBM Base
Course

75 mm thick
WBM Sub-Base

100 mm thick
Sub-Base using
local materials

TYPICAL CROSS-SECTION OF BITUMINOUS ROAD

[Sub-Assistant Engineer]
Sub-Assistant Engineer
Jalpaiguri Municipality

[Chairman]

ESTIMATE FOR CONSTRUCTION OF BITUMINOUS ROAD PER SQ-MTR

All rates are taken from P.W.D. Schedule Roads Deptt: 2014 Effective from 1st June 2014.

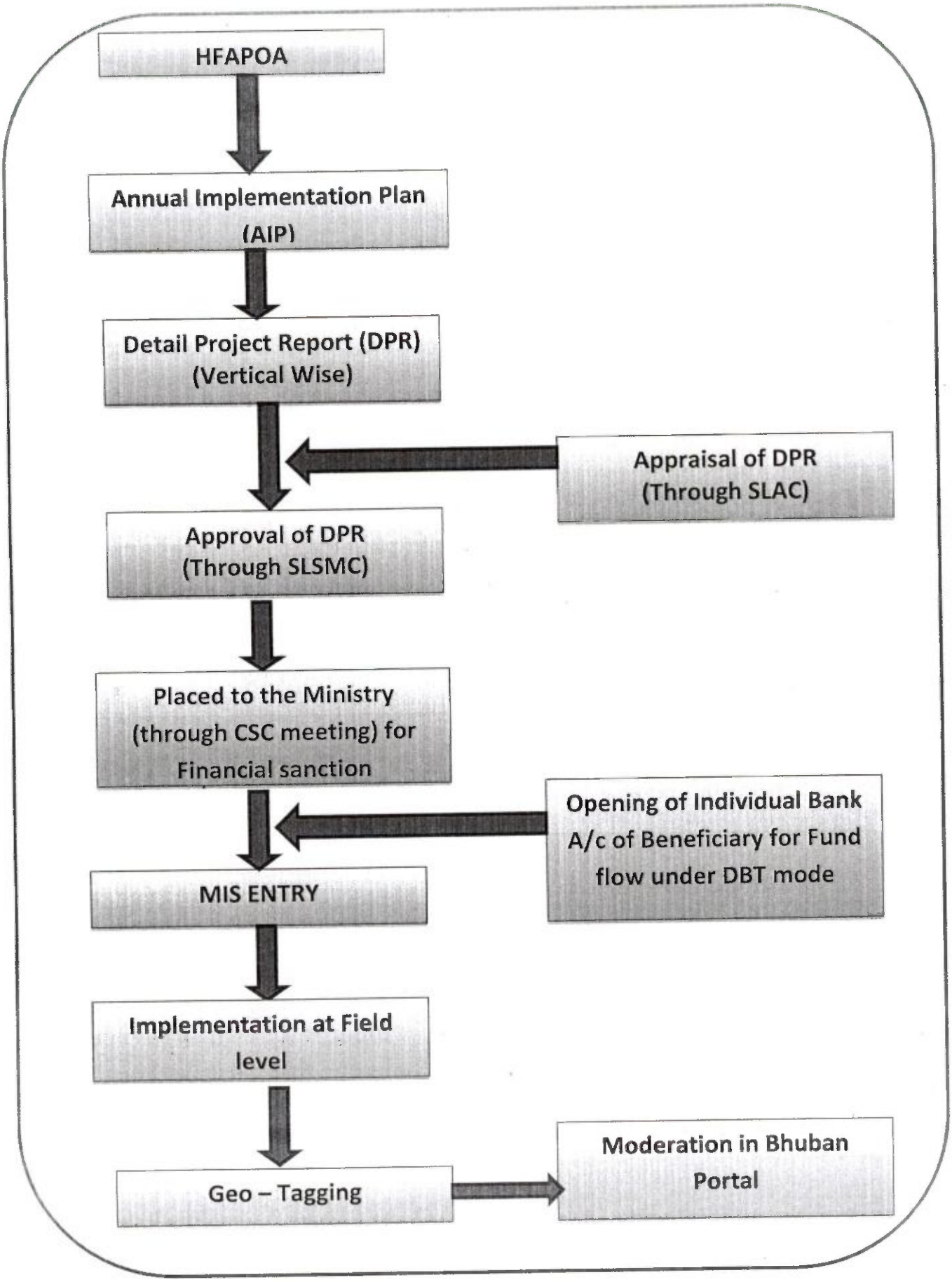
Consider 100.0m x 3.0m Bituminous Road

Sl. No	Description	No	L	B	H	Qnty.	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
1	Page-238 , Item-13.16(a),						Sqm	300.00	14.40	4,320.00
	For BT road	1.0	100.000	3.000		300.00				
					Total-	300.00				
2	P-244 , Item-4.09 , (i)						Cum	30.00	1,782.15	53,464.50
	For BT road	1.0	100.000	3.000	0.100	30.00				
					Total-	30.00				
3	P-244 , Item-4.10 , (i) Water Bound Macadam Sub Base by consolidating Jhama metal / Laterite chelly or stone metal / shingles of specific size in hard crust to requisite thickness (measured after compaction) in layers including screening of metals etc. as necessary, hand packing, sweeping, watering and rolling in stages with power roller to proper line, grade and camber, lighting, guarding & barricading and making necessary earthen bundh of one metre width on each side where necessary to protect edges and preparing the bed by necessary cutting or filling and rolling all complete including the cost of all materials and hire and labour charges of all men and machineries and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) For Construction of Sub Base by consolidating Jhama metal (63 mm to 45 mm) with moorum screening :						Cum	22.50	1,798.58	40,468.05
	For BT road	1.0	100.000	3.000	0.075	22.50				
					Total-	22.50				
4	**Page-245 Item No.4.11 (iii)**						Cum	22.50	3,173.67	71,407.58
	For BT road	1.000	100.000	3.000	0.075	22.50				
					Total-	22.50				
5	**Page-253 Item-5.11** Providing, laying and rolling of Open - graded premix carrying the mixture by any suitable arrangements, b) on WBM surface						Cum	300.00	172.33	51,699.00
	For BT road	1.0	100.000	3.000		300.00				
					Total-	300.00				
6	**Page-254 Item 5.13. B.(i)**						Sqm	300.00	57.00	17,100.00
	For BT road	1.0	100.0	3.0		300.00				
					Total-	300.00				
7	**Page-235 Item 3.01(i)**						Cum	180.00	89.90	16,182.00
	For BT road	2.0	100.000	3.000	0.300	180.00				
					Total-	180.00				

Total-	**254,641.13**
Add Contingency @ 3%	**7,639.23**
G. Total-	**262,280.36**
Total area of Road in Sq.m	**300.00**
Rate /Sq.m=	**874.27**
Say	**874.00**

Chairman
Jalpaiguri Municipality

Work flow of PMAY – HFA (U) for 2016-17



Implementation Schedule 2016-17

Sl. No.	Activity	November				December				January				February				March				April				May				June				July				August			
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
1.0	Preparation of field works & MIS entry																																								
2.0	Construction of Single storied DU including S & P, Elec																																								
3.0	Geo-tagging of DU																																								
4.0	Insfrastructure Works(Tenderin g formalities and implementation for field works																																								

1. Situation assessment for HFAPoA

1.1 Background

"Housing for All" Mission for urban area will be implemented during 2015-2022 and this 1.1 Mission will provide central assistance to implementing agencies through States and UTs for providing houses to all eligible families/beneficiaries by 2022.

Mission will be implemented as Centrally Sponsored Scheme (CSS) except for the component 1.2 of credit linked subsidy which will be implemented as a Central Sector Scheme.

A beneficiary family will comprise husband, wife, unmarried sons and/or unmarried daughters. 1.3 The beneficiary family should not own a pucca house either in his/her name or in the name of any member of his/her family in any part of India to be eligible to receive central assistance under the mission.

States/UTs, at their discretion, may decide a cut-off date on which beneficiaries need to be resident 1.4 of that urban area for being eligible to take benefits under the scheme.
Mission with all its component has become effective from the date 17.06.2015 and will be 1.5 implemented upto 31.03.2022.

All 4041 statutory towns as per Census 2011 with focus on 500 Class I cities would be covered in three phases as follows:

Phase I (April 2015 - March 2017) to cover 100 Cities selected from States/UTs as • per their willingness.
Phase II (April 2017 - March 2019) to cover additional 200 Cities•
Phase III (April 2019 - March 2022) to cover all other remaining Cities•

Ministry, however, will have flexibility regarding inclusion of additional cities in earlier phases in case there is a resource backed demand from States/UTs.

1.2 Approach and Methodology

The HFAPoA for Jalpaiguri has been prepared in accordance with the guidelines issued by Ministry of Housing and Urban Poverty Alleviation, Government of India. Overall approach adopted throughout the preparation of this HFAPoA has been based on four key principles,

- ❖ Well rounded stakeholder consultations,
- ❖ Continuous community involvement,
- ❖ Providing innovative solutions and
- ❖ Coordination & validation.

Methodology adopted for preparation of HFAPoA is demonstrated in the below:

1) Taking Initiative for Demand Assessment Survey.

2) Conducting Orientation Programme with elected representative and officers of ULB.
3) Conducting Orientation programme with Supervisors and Enumerators.
4) Conducting Demand survey and complete the work.
5) Conducting Data Entry of the survey form and complete the work
6) Analysis of the data.
7) Filling up the requisite formats.
8) Planning of project with elected representatives and officers of ULB.
9) Preparing investment requirement and Financial plan
10) Finalization of HFAPoA.

1.2.1 Stakeholders Consultative Workshop / Meetings

RAY envisages continuous involvement of all stakeholders with specific reference to the community members for the preparation of HFAPoA. With an objective to develop a detailed understanding of the provisions and procedures of RAY as stipulated by Ministry of Housing and Urban Poverty Alleviation (MoHUPA), GoI a number of workshops and capacity building programmes were organized by the SUDA, GoWB both at the state level as well as ULB level. Details of the workshop and capacity building programmes organised by ULB (refer Annexure A-1 for photographs taken during workshop):

Figure 1: Stakeholder Workshop at Jalpaiguri

Chairperson Jalpaiguri informing participants about the HFA

Board of Councillors during Stakeholder Workshop

1.3. City Profile and Overview

History:-

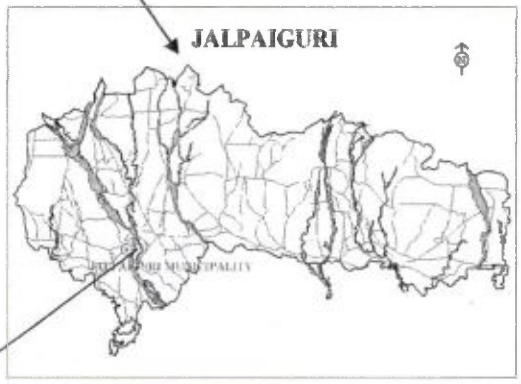
Jalpaiguri is one of the most important districts in West Bengal. The Jalpaiguri District formed in the year 1869 and starting its activities as a Divisional Head Quarter of Rajshahi- Koch Behar Division since 1875 and as Rajsahi Division from 1883. With the formation of District, the tea plantation played key role in the field of Socio-Economic reforms in the district since 1877. In view of the above, a new Township has came out in the district as "Jalpaiguri Town" in the year 1869. The administration and tea planters of the district felt it necessary to set up a Urban Local Body. And "Jalpaiguri Union" was formed and performed the municipal activities till 1st. April 1885. The "Jalpaiguri Municipality" came into begin with a population of 7936 in the year 1886-87 under the Chairmanship of Deputy Commissioner of the District and Vice-Chairmanship of Civil Medical Officer. The first non official Chairman was elected in the year 1916-17. The municipal area was then divided into 7 wards, consisting with 19 commissioners. After independence, the municipal area was divided into 19 single member constituency wards in the year 1967 with a functioning area 10.095 sq. K.M. Subsequently, in 1995, the municipal area has been expanded to 12.95 sq.K.M.

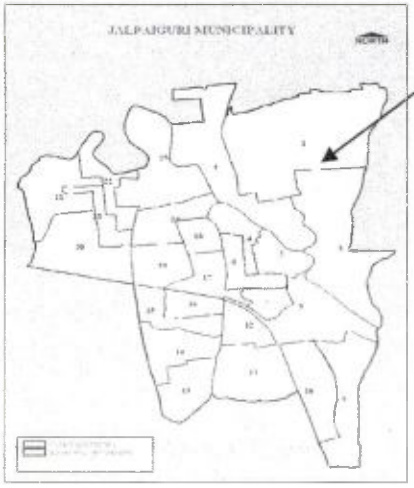
Administrative Boundaries

The municipality is bounded by Tista River in its Eastern side, Kharia and Aurobindo Gram Panchyat in its Western side, Paharpur villages in the north and Kharia in the Southern side. River Karala passes from its northern side to the south eastern side. SH 12 A passes Jalpaiguri Municipality from its East to West From Siliguri town to Maynaguri Town.

Jalpaiguri Municipality is very near to the International border of Bangladesh in south.


JALPAIGURI
WEST BENGAL


JALPAIGURI


JALPAIGURI MUNICIPALITY

Temperature

Normal temperature in the area varies from 37°C max to 7°C min. The following bar diagram shows the maximu and minimum temperature from 2000 to 2004

Soil

Very deep, poorly drained, fine loamy soils on level to nearly level recent alluvial plain with loamy surface, associated with very deep, moderately well-drained, coarse loamy soils.

Ground Water

The area is having wide seasonal fluctuations in groundwater storage and movement. Aquifers are characterized by highly assorted materials. Groundwater occurs in water table (unconfined condition). Static water level is within 4 m. below ground level. Total dissolved solids is around 150 ppm and aquifer thickness tapped is around 50 m. or so.

(Source – Geohydrological Map of India – published by GSI, 1969)

Geomorphology

Jalpaiguri town is situated at an altitude of 77.60 – 84.35 m. above m.s.l. on the western bank of river Teesta. River Karala is one of the major tributaries of Teesta dividing the Municipality in parts. The river Dhardhara is a tributary of river Karala. The river Gadadhar drains the water of Jalpaiguri town partially. The terrain is basically flat and blanketed by river borne sediments consisting of fine to coarse sands, silts and clays, constituting the lower piedmont flood plain of North Bengal. The upper plain is occasionally marked with pebbles and gravels drained down from the upper catchment.

(Source – Record GSI Publication – Vol.No.121, Part 2-8
"Quaternary Geology and Geomorphology of Tista-Torsa interfluve area –
A brief review")

Ecology

Tista river plays a very important role on the local ecology. As per river basin atlas ,1985 Tista is suitable for propagation of fisheries as a result the municipality has an important role to maintain Tista River basin ecology.

A number of tea gardens are situated in the north of Jalpaiguri particularly Karalavalley Tea Gardens.

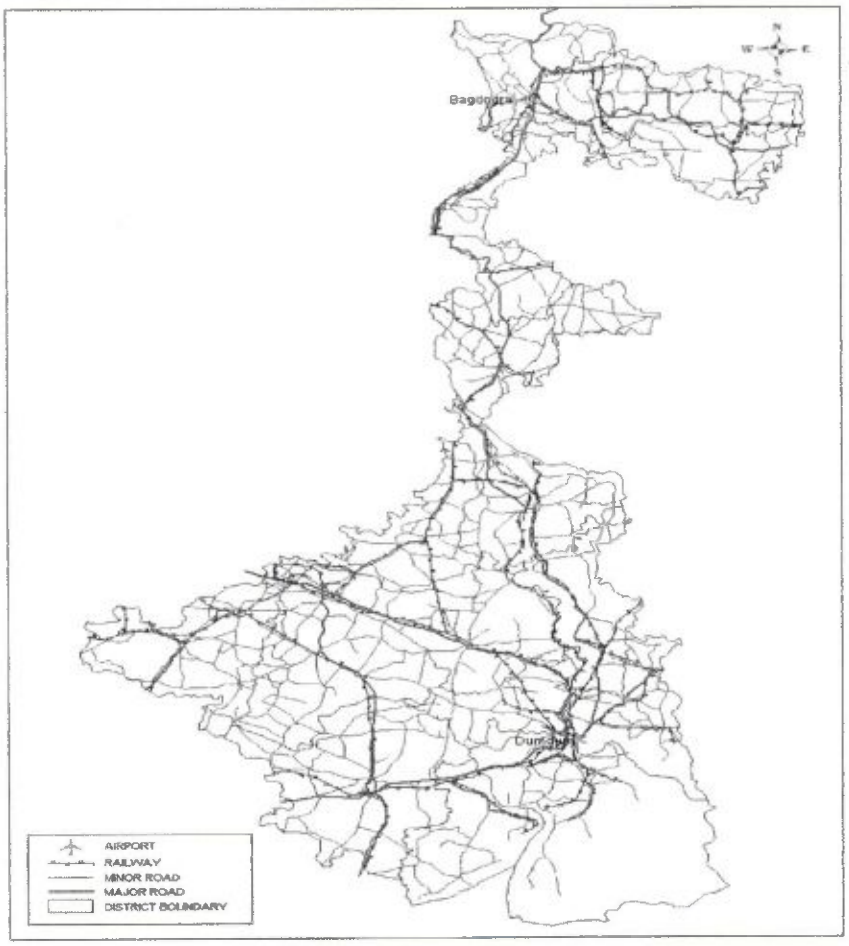
As Jalpaiguri Municipality is situated in the international border zone, there is massive rise of population due to immigration leading to acute shortage of food and water. Intensive search for alternative food and water resources has forced for modification of physio-chemical parameters. Continuous habitat loss is taking place due to human intervention and change in landuse pattern. The ULB documents its concern for this and has been putting continuous endeavour for restoration of ecology.

Linkages (Rail, Road and Air)

Jalpaiguri being the one of the oldest and important Municipality of North Bengal, is well connected by rail and road with the State capital, Kolkata as also with the major towns of West Bengal. Jalpaiguri is about 500 KM from Kolkata. The town is connected by North Eastern Railway Siliguri Haldibari Line and few important trains pass through Jalpaiguri. The town has direct railway and road links with the neighbouring towns, like Siliguri, Moinaguri, Lataguri, Dhubguri etc. State Highway 12-A passes through the Municipality. The nearest air base is at Bagdogra.

Jalpaiguri Municipality has developed around 160 K.M. of road. In the area, Zilla Parishad has developed roads of 7 K.M. and PWD of 15 KM. Entire area of the Municipality is connected with roads. Regional connectivity linkage with the municipality is shown in the map as below. Regular maintenance of these roads is in practice.

Regional linkage & connectivity Map



Drainage

Jalpaiguri is situated on the western bank of Teesta river. A number small rivers and nala are passing through the municipal area. The Karala river is the natural drainage channel of Jalpaiguri Town is one of the tributaries of Teesta and more or less bifurcates the town in the eastern side. Another natural drainage is river Gadadhar which is connected to river Panga in the south. The high rain water from the upland portion of Jalpaiguri town and its adjoining area is causing water logging in certain portion of the city. All these need de-silting and other forms of drudgery to reduce water logging and overflow during the peak monsoon period, in particular. Overall drainage system of the ULB has been hindered because –

- Siltation of natural drainages due to deforestation in upper catchment of Tista.
- River Karala fails to drain the total storm water in the river Tista as Tista is not in a position to take total discharge of river Karala during flood season.

97	20	ALOK DAS	AJIT DAS		75/1/1077	MRK3006665			
98	20	SMT SUKHABALA ROY	RAJYESHWAR ROY		201/NEW	526022717635			
99	20	JHARNA DAS	DILIP DAS		246/1/233	411835073764			
100	20	MUNNI SINGH ROUTH	JITENDRA SINGH		169/A/55/1	342765224098			
101	20	BHUBAN SHIL	SUBAL SHIL		213/1/8	992611457622			
102	20	ANANDA SARKAR	GIRISH SARKAR		43/201	842085341805			

Chairman

1938	103	5	BHAWANJEE JHA	RAM CHANDRA JHA		3/11	0			
1939	104	05	ARATI DAS	LATE NITAI CH. DAS		12/864	515284252600			
1940	105	20	NIRMAL DEY SARKAR	BIJOY KR SARKAR		1/NEW	765547546815	JCCB	121001128209	
1941	106	20	SUDHIR CH. GHOSH	SATISH CH. GHOSH		126/A/1090	510297848498	JCCB	121001129927	
1942	107	5	RAGHU MANDAL	RAMASHISH MANDAL		204/NEW	470213433243	UNITED BANK OF INDIA	9010284025	
1943	108	20	JAGATARAN SING	SANTU SING		11/1632	661185760886	CENTRAL BANK OF INDIA	3398803333	

1944	109	2	[illegible]	MOSRUDDIN MD		355/6224	700311457457			
1945		3	RANU GHOSH	MANU GHOSH		20/A/229	226826851752			

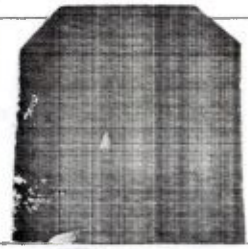
Jalpaiguri Municipality

Sl No	Ward No	Beneficiary Name	Father Name	Slum No	Holding No	Identification Number/ Adhar/Voter ID	Bank Name & Branch Name	Bank Account No	Photo
1	19	RUBI KAR	LATE DHRUBA CHANDRA KAR		27/2/1495	401552452425			
2	22	AMAL MALLICK	ANIL MALLICK		77/1779	584839780168			
3	22	CHHABI CHANDA	PURNA CHANDA		41/1483	408462058282			
4	22	TARA PADA SINGHA	RANJIT SINGHA		43/1477	204257265210			
5	22	NIMAI SARKAR	PURNA CHANDRA SARKAR		41/C/1483	803594490537			
6	24	ARUN BASAK	AKSHAY KR BASAK	73	58/725	860805961934 WB/03/020/054348	CORPORATION BANK	0908/CPSB/01/001048	

Chairman
Jalpaiguri

7	22	SANKAR MALLICK	SHAMBHU NATH MALLICK		101/1746	252014671127			
1843 8	10	KAKULI ROY SINHA	SUDIP SINHA			454196757251			
1844 9	12	RAJU MAHATO	MAHABIR MAHATO		8/99	390090178142			
1845 10	22	DALI SARKAR	NILAY SARKAR		11/1505	894808954394			
1846 11	22	SHIKHA BISWAS	DULAL BISWAS		109/1/422	506311141593			
1847 12	14	PARITOSH GHOSH	PRAN BALLAB GHOSH		161/1311	860761794549			

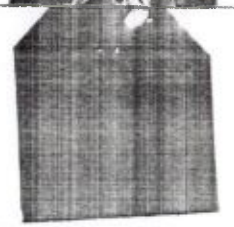
Chairman
Jalpaiguri Municipality

13	18	RITA SARKAR	SUBRATA SARKAR		142/775	510523543215			
1849 14	5	GANESH ROUTH	JHAPSI ROUTH		2/B/12/A	573692671052			
1850 15	19	NARAYAN SAHA	BANCHARAN SAHA		35/A/655	292501111556			
1851 16	19	UPENDRA CHANDRA GHOSH	AMAL GHOSH		425/288	858323719337			
1852 17	19	MOUSHMI PAUL	BIKASH PAUL		555/E/21 1	749444594266			
1853 18	19	SUSHMITA DAS	BULBUL DAS		420/A/29 5	359639476214			

Chairman
Jalpaiguri Municipality

19	19	TAPAN SAHA	KHETRA SAHA		467/315/A	975852127512			
1855 20		GANESH GHOSH	RADHABALLAV GHOSH			390584630557			
1856 21	7	CHHABI MITRA	KALYAN MITRA		158/78				
1857 22	20	NETAI GHOSH	MANINDRA GHOSH		25/NEW	749615984359			
1858 23	20	ABHIJIT SARKAR	RANAJIT SARKAR		32/137	771785837164			
1859 24	20	CHANDANA DEY	BABLU DEY		142/A/14	277029146350			

Chairman
Jalpaiguri Municipality

1860	25	20	JIBAN KRISHNA GHOSH	JITENDRA NATH GHOSH		101/A/66	235783427982			
1861	26	20	KAMAL DAS	SHIBLALL DAS		252/36	314176090960			
1862	27	20	CHANDAN GHOSH	NITAI GHOSH		125/189	969754517755			
1863	28	20	ABHIJIT PRAMANIK	ABANI PRAMANIK		116/7/85	887503213393			
1864	29	15	NANDA DULAL BANIK	GANGA CHARAN BANIK		51/185	352287309921			
1865	30	15	ASHIT PAUL	ADHIRENDRA NATH PAUL		819	532227692706			

Chairman
Jalpaiguri Municipality

31	15	NAMITA KARMAKAR	BIJAY CHANDRA KARMAKAR		18/237	984123976048			
1867 32	15	PARTHA CHAKRABORTY	SWADESH CHAKRABORTY		29/393	573461681387			
1868 33	15	GOPALL BANIK	AMULLYO BANIK		31/263	828023413572			
1869 34	15	NARAYAN CH. DAS	SANTOSH CH. DAS		33/221	277718245406			
1870 35	15	SUBRATA MANDAL	NARAYAN CH. MANDAL		26/A/218	344032598143			
1871 36	15	NARAYAN KARMAKAR	MOHAN KARMAKAR		29/C/248	210733412598			

Chairman

1872	37	15	ANATH BISWAS	GAYANATH BISWAS		30/219/B	471208753680		
1873	38	15	DULAL BOSE	MANIK BOSE		41/376	869985074774		
1874	39	15	PRADIP KUMAR DAS	RAJKUMAR DAS		35/223	823100016505		
1875	40	15	SANJOY CHOWDHURY	RABINDRA NATH CHOWDHURY		26/246	967936925595		
1876	41	15	MALA CHANDA	SUSHIL CHANDA		9/8/8	793215373601		
1877	42	15	RABINDRA NATH ROY	PARESH ROY		219/H	859687292099		

Chairman
Jalpaiguri Municipality

1878	43	15	SATHI SARKAR	SANTOSH SARKAR		27/245	356569554230			
1879	44	15	AMBIKA PRASAD ROY	PARESH ROY		23/C/215	984968372286			
1880	45	5	SOHAN MAHATO	MAHESHWAR MAHATO	SAMAJ PARA	15/11/10 2/A	664992477254			
1881	46	25	RAM PRASAD MAHATO	KAMAL MAHATO	PRABITRA PARA COLONY			UNITED BANK OF INDIA	0790010183710	
1882	47	20	ARCHANA SARKAR	NIKHIL SARKAR		188/258	WB/03/017/552351	MASKALA BARI	0790010137645	
1883	48	23	RADHESHYAM PAUL	KULADA CHARAN			WB/03/017/537114	AXIS BANK	916010029631909	

Chairman
Jalpaiguri Municipality

1884	49	20	CHANDAN SHIL	MAHENDRA SHIL					
1885	50	20	JIBAN SHARMA	MOHAN SHARMA					
1886	51	20	HIRALAL SARKAR	SARBANANDAN SARKAR					
1887	52	4	Pramila Sah	Late Binod Sah		19/11/10 5	KZC1295484		
1888.	53	4	Sunita Rajak	Late Modan Rajak		1/NEW	855522361672		
1889	54	4	Shanti Majhi	Mahat Majhi		1/NEW	650028650955		

Chairman
Jalpaiguri Municipality

1890	55	4	Indu Sahani	Late Rajgir Sahani		32/NEW	396090195215			
1891	56	4	Shanti Roy	Late Bhim Sen Roy		11/A/254 /D	284805779600			
1892	57	18	SUNIL BAPARI	KASHIN ATH BAPARI			441584793594	ASIX BANK	910010048875601	
1893	58	10	CHANDRIKA PAL	KALIPADA PAL	ASRAM PARA	88/A/3	838085000000	Central bank	1259605244	
1894	59	19	MANJU MAULIK	PURNENDU MALLIK	NEW TOWN PARA	1/NEW	759919000000	BORODA	24860100003947	
1895	60	25	MIRA BISWAS	DIJENDRA KR. BISWAS		182/548	759558587938			

Chairman
Jalpaiguri Municipality

1896	61	22	RUBI KAR	DHRUB		27/2/1495	401552452425	JCCB	121001127136	
1897	62	15	JYOTSNA GHOSH	GAYANATH GHOSH	SLIM	42/B/1000	827660449991	JCCB	121000401031	
1898	63	12	UMA ROUTH	W/O SONU ROUTH	HARIZAN BUSTY	24/1/18	573834848520	JCCB	121000981509	
1899	64	4	HEMA SHARMA	HARIKISAN SHARMA	CHALBUSTI	36/A/340/4	395565581815			
1900	65	25	PARASHURAM PASMAN	MUNILAL PASMAN			282153486933			
1901	66	1	SHIBANI ROY	NARAYAN CH. ROY		5/A/509	641455380044			

Chairman
Jalpaiguri Municipality

1902	67	1	IRARANI SAHA	BISWANATH SAHA		22//336	210207141642			
19 1903	68	1	MANTOSH DAS	MANTOSH DAS		1/NEW	566201621185			
19 1904	69	1	SHIB DAS	SUDHIR CHANDRA DAS		1/NEW	275567262925			
19 1905	70	1	SHYAMAL CHAKRABORTY	MAHINDRA NATH CHAKRABORTY		1/NEW	748345468857			
19 1906	71	1	MANORANJAN DUTTA	KHITISH DUTTA		1/NEW	317733666190			
19 1907	72	15	LAXMI DAS	LT RAMLAL DAS		1/NEW	908447354690			

Chairman
Kurseong Municipality

73	1	PARTHA MODAK	PARESH MODAK		1/NEW	326649811745			
1909 74	1	CHAMPA MAHANTA MAHANTA	DULAL MAHANTO		1/NEW	844613500527			
1910 75	1	PIJUSH KANTI DUTTA	PRADIP DUTTA		1/NEW	KZC2234292			
1911 76	1	NAMITA SAHA	NARAYANCHANDRA SAHA		123/488	258727517975			
1912 77	1	KAJAL MOHANTA	KAMAL MOHANTA		140/NEW	469150456668			
1913 78	1	RATAN MANDAL	RAMPRASAD MANDAL		149/290	429699835059			

Chairman
Jalpaiguri Municipality

1914	79	20	KAMAL DAS	SIBLAL					
1915	80	20	NITAI GHOSH	LATE MANINDRA GHOSH		25/NEW	749615984359		
1916	81	20	ARIJIT PRAMANIK	LATE ABANI PRAMANIK			887503213393		
1917	82	20	ANIMESH DAS	AKHIL CHANDRA DAS		225/A/17 2	426661072214		
1918	83	20	KRISHNA SUTRADHAR	UPEN SUTRADHAR		163/12/7 6	803678345184		
1919	84	20	NARAYAN SUTRADHAR	JHARU SUTRADHAR		184/529	740267800359		

Chairman
Jalpaiguri Municipality

1920	85	20	DWIJENDRA NATH DEY	LATE DEBENDRA NATH DEY		NEW/48	417669156573			
19 1921	86	20	HARADHAN GHOSH	LATE PRIYONATH GHOSH		123/1687	271626263133			
19 1922	87	20	KANAI GHOSH	LATE CHAITANYA GHOSH		113/1667	364773212650			
19 1923	88	20	HIRALAL SARKAR	SARBANANDA SARKAR		212/NEW	808483243418			
19 1924	89	20	LAKSMI RANI SHIL	GOPAL CHANDRA SHIL		170/L/200	547769146768			
19 1925	90	20	TUTUNKAR	NIMAI CHANDRA KAR		173/NEW	742149513086			

1926	91	20	ANIL MANDAL	AMULAYL MANDAL		205/182	726390671716			
1927	92	20	JAHAR LAL SARKAR	SARBANANDA SARKAR		221/22	629221978973			
1928	93	20	PINTU GHOSH	LATE GHANDHI GHOSH		123/1647	738210052256			
1929	94	20	NIBASH BARMA	NARESH CH. BARMAN		181/2/New	435378973642			
1930	95	20	KAMAL ROY	DWIPCHANRAN ROY		54/NEW	405011621369			
1931	96	20	BABLU ROY	HARI PADA ROY		195/NEW	951694628950			

Chairman
Jalpaiguri Municipality

97	20	ALOK DAS	AJIT DAS		75/1/107 7	MRK3006665			
98	20	SMT SUKHABALA ROY	RAJYESHWAR ROY		201/NEW	526022717635			
99	20	JHARNA DAS	DILIP DAS		246/1/23 3	411835073764			
100	20	MUNNI SINGH ROUTH	JITENDRA SINGH		169/A/55 /1	342765224098			
101	20	BHUBAN SHIL	SUBAL SHIL		213/1/8	992611457622			
102	20	ANANDA SARKAR	GIRISH SARKAR		43/201	842085341805			

Chairman

1938	103	5	BHAWANJEE JHA	RAM CHANDRA JHA		3/11	0			
1939	104	25	ARATI DAS	LATE NITAI CH. DAS		12/864	515284252600			
1940	105	20	NIRMAL DEY SARKAR	BIJOY KR SARKAR		1/NEW	765547546815	JCCB	121001128209	
1941	106	20	SUDHIR CH. GHOSH	SATISH CH. GHOSH		126/A/1090	510297848498	JCCB	121001129927	
1942	107	5	RAGHU MANDAL	RAMASHISH MANDAL		204/NEW	470213433243	UNITED BANK OF INDIA	9010284025	
1943	108	20	JAGATARAN SING	SANTU SING		11/1632	661185760886	CENTRAL BANK OF INDIA	3398803333	

1944	109	2	NADIR ALAM	MOSIRUDDIN MD		355/6224	700311457457			
1945	...	4	PANU GHOSH	MANU GHOSH		20/A/229	226826851752			

Chairman
Jalpaiguri Municipality