

**MUNICIPAL ENGINEERING DIRECTORATE  
GOVERNMENT OF WEST BENGAL  
SUBMITTED BY**

**PREPARED BY  
BARANAGAR MUNICIPALITY  
NORTH 24 PARGANAS WEST BENGAL**



**DETAILED PROJECT REPORT  
FOR THE YEAR 2015-2016  
UNDER PMAY  
HOUSING FOR ALL SCHEME**

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## **PREFACE**

Pradhan Mantri Awas Yojana (PMAY) aims at Providing Housing for All (HFA) by 2022 when the Nation Complete 75 years of its independence.

The urban homeless persons contribute to the economy of the cities and thus the Nation as cheap labour in the informal sector; yet they live with no shelter or social security . The urban homeless service with many challenges like no access to elementary Public Services such as health, education, food, water and sanitation. Pradhan Mantri Awas Yojana (PMAY) also aims at providing a pucca house to every family with water connection, toilet facilities, 24 X 7 electricity supply and access.

The Mission seeks to address the housing requirement of urban poor including slum dwellers through "In Situ" Slum Redevelopment, Affordable Housing through credit linked subsidy, Affordable Housing in partnership and subsidy for beneficiary led individual house. Under the mission, beneficiaries can take advantage under one component only.

Total beneficiaries of the scheme are 55 nos from 3 nos slum and 15nos of Non Slum projected for the year 2015-16 .

Total cost of the project is Rs. 283.36 lakhs as per relevant department & P.W.D. schedule of rates.

## Introductory Note by Chairman



We hope that the HFAPoA, prepared by us will usher in progress and embrace all and sundry to ensure their all round development. We wish to thank SUDA, Govt. of West Bengal & Govt. of India for their thoughtful contribution towards rendering an optimistic work in all its full fledged glory. The councillors, ward committee members, and municipal employees of Baranagar are to be lauded, without whose help, this huge task, would have come to naught. Last but not the least Executive Officer- Sri Manik Chandra Samaddar, Urban Planner- Sri Saptarshi Bandyopadhyay, A.E- Sri Tarun Kumar Pan & S.A.E- Sri Malay Chakraborty must be praised for their open-minded approach and dedication. Without their consummate support, for whom and by whom the plan has been astutely shaped, the HFAPoA would have been a far cry from the stuff of what it is made, today.

Having said so much and having offered my gratitude to the deserving, I aspire that our HFAPoA would shine forth like a bright gem in the darkest nook and corner of every targeted household, and also act like a strong wind waving off the iceberg of incipient maladies that eat into the vitals of societal development.

The preparation of HFAPoA is not a one-time exercise and thus can be continuously improved upon. The schemes that have been proposed in the HFAPoA are realistic and in conformity with the expected fund flow during the coming years.

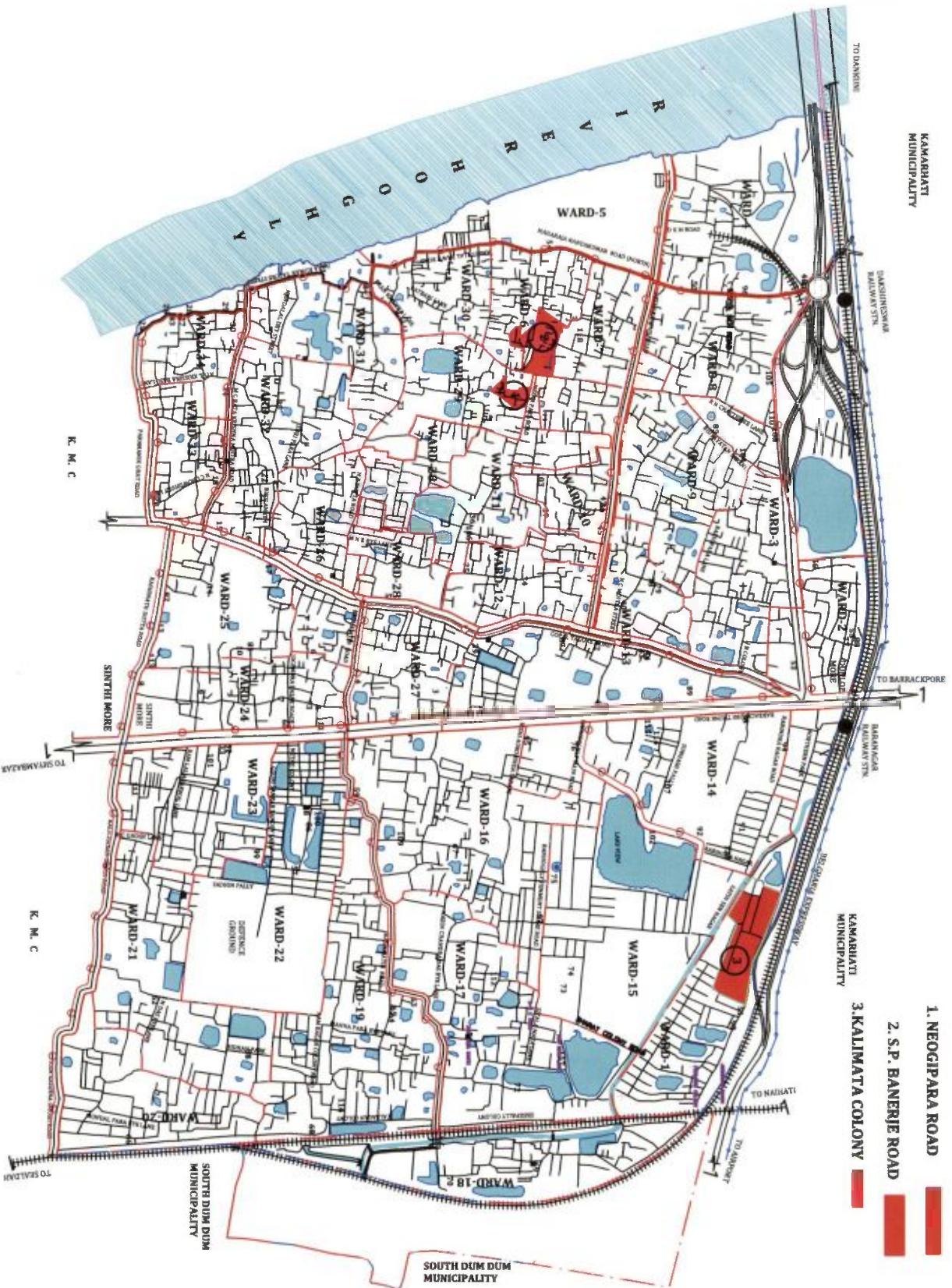
Thus, our ULB commits itself to deliver the stated plan and empowers the citizens to participate in the implementation of the plan.



Smt. Aparna Moullick

Chairman, Baranagar Municipality

KAMARHATI MUNICIPALITY



KAMARHATI MUNICIPALITY

- 1. NEOGIPARA ROAD
- 2. S.P. BANERJEE ROAD
- 3. KALIMATA COLONY

## MUNICIPAL MAP OF BARANAGAR MUNICIPALITY

### LEGEND

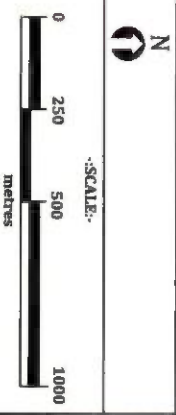
- MUNICIPAL BOUNDARY
- WARD BOUNDARY
- MAJOR ROAD
- MINOR ROAD
- RAILWAY TRACK WITH STATION
- BRIDGE & FLYOVER
- RIVER & CANAL
- WATERBODY
- LT LINE
- HT LINE
- DRAIN
- PUMP HOUSE
- WATER RESERVOIR

PREPARED BY - ASHIS GHOSH  
D/MAJ P.W.D.

CDD BY - SRI SWAPAN NARAY  
A.L.P.W.D

APPROVED BY - GADISHAN  
BARANAGAR MUNICIPALITY

EXISTING UTILITIES SERVICES & INFRASTRUCTURE MAP  
DIAGRAM NO.



**BARANAGAR MUNICIPALITY**  
87 DESH BANDHU ROAD (E)  
KOLKATA - 700035  
Ph : 25776595 /25770012

## **TOWN FEATURES**

Baranagar is situated adjacent to Kolkata Municipal Corporation. The place is situated on the eastern bank of the River Hooghly. Portuguese colonist at first established their business camp here which was in existence till 1862. Dutch settlers established their 'Kuthir' or office for business at Baranagar. Dutch supremacy ended with the arisen of British power in Bengal. Baranagar Municipality, was established in 1869.

At present the municipality comprises 34 wards covering area of 7.12 km<sup>2</sup> area and a population burden of 2,45,213 (2011 census) is having 34,440 persons per sq. km. one of the highest population density in the Kolkata Metropolitan Area. The Administrative Boundary of the Municipality is as follows:

In the North exists the southern base of the Calcutta chord railway from the river Hooghly upto the point where it meets the 'Dantia' or Bagjola Khal' to the east of the East India Railway line, then the northern bank of Dantia or Bagjola khal upto the point where it meets the eastern boundary of mouza Belghoria.

The Eastern boundary comprises of mouza Noapara, then the southern boundary of the said mouza up to its junction with the East India Railway line, then the East India Railway lines upto their junction with Ramkali Mukherjee Road.

In the South boundary of the municipality is bordered by Paramanik Ghat Road, Kashipore Road, Kashi Nath Dutta Road, Kall Charan Ghosh Road and Ram Kall Mukherjee Road.

The River Hooghly flows along the Western boundary of the Municipality.

1	Name of the District	North 24 Pgs
2	Year of establishment	1869
3	Area (in sq. Km)	7.12
4	No. of wards	34
5	Population (Census 2011)	
5.1	Male	126187
5.2	Female	119026
5.3	Total	245213
6	Density of Population (Per sq. km.)	34440
7	Break up of Population (2011)	
7.1	SC	12723
7.2	ST	1383
7.3	Minorities	NA
8	Date when last election held	30.05.2010

9	Year of last Assessment Properties	3rd 2004/05
10	Literacy Rate	85.14%
11	Number of BPL Household ( as per SUDA Survey)	4106
12	Slum Scenario	
12.1	Total No. of Slum	100
12.2	Total Slum Population ( as per USHA)	31490
12.3	Percentage of Slum Population to the total population	12.84
13	Housing status for Urban Poor: ( as on 31.03.2014)	
13.1	No. of beneficiaries provided with Houses under BSUP	366
14	Length of Municipal Road :(in km)	212
15	Length of Drain:(in km.)	190
16	Water supply :	
16.1	No. of Tube well	120
16.2	No. of Stand post	2000
16.3	No. of houses connected with water supply network	25000
17	Total No. of light pots	8000
18	Health:	
18.1	No. of Hospital ( ULB/Govt./Private)	5
18.2	No. of Municipal Health Sub Centre	13
19	Education:	
19.1	No. of Higher Secondary School ( Municipal/Other)	6
19.2	No. of Secondary School ( Municipal/Other)	26
19.3	No. of Primary School ( Municipal/Other)	45
19.4	No. of Sishu Siksha Kendras (SSK)	NA
20	Other Infrastructure ( Both Municipal & Others):	
20.1	Bridge	2
20.2	Flyover	1
20.3	Stadium	0
20.4	Parks & Gardens	26
20.5	Playground	N.A
20.6	Auditorium / Community Hall	1
20.7	Borough Office	Nil
20.8	Ward Office	10
20.9	Market	2
20.10	Burning Ghat	1
20.11	Electric Crematorium	Nil
20.12	Burial Ground	2
20.13	Public Library	2
20.14	Bus Terminus	5
20.15	Ferry Ghat	1

## *Year of Establishment*

Baranagar Municipality was established in 1869.

## *Administrative Boundaries*

The administrative boundary of the Baranagar Municipality is as follows:

In the North exists the southern base of the Calcutta chord railway from the river Hoogly upto the point where it meets the 'Dantia' or Bagjola khal' to the east of the East India Railway line, then the northern bank of Dantia or Bagjola khal upto the point where it meets the eastern boundary of mouza Belghoria.

The Eastern boundary comprises of mouza Noapara, then the southern boundary of the said mouza up to its junction with the East India Railway line, then the East India Railway lines upto their junction with Rammkali Mukherjee Road.

In the South boundary of the municipality is bordered by Paramanik Ghat Road, Kashipore Road, Kashi Nath Dutta Road, Kali Charan Ghosh Road and Ram Kali Mukherjee Road.

The River Hoogly flows along the Western boundary of the Municipality.

## *Linkages of Rail, Road, Port and Air*

Baranagar Municipality, on the east bank of the river Hoogly, is situated on both sides of Barrackpore Trunk Road (B.T.Road), and starts from Sinthee More to Dunlop Bridge and bounded by KMC in the South, Karmahati Municipality in the North, Sealdah-Naihati Main Railway line in the East and River Hoogly in the West.

It is served by nothing less than 50 bus routes (private, mini, CTC, public, chartered and others) that travel very frequently on BT Road and connect the municipality well with the rest of the KMA. On top of that, the Second Vivekananda Bridge and Belghoria Expressway, that fall on its northern periphery, has increased its geographical importance and connect Baranagar to a more wider regional network. BT Road, very busy main artery of KMA and running north- south, not only is accessed by local people but also branches many auto-rickshaw routes for traveling inside the municipality. It has a railway station, which well connects the municipality with the rest of the KMA.



## Economic Activity

Century old Baranagar Municipality, having a very high cultural and religious heritage and traditional appeal, need special attention from urban planning point of view. Not being deterred by the past unplanned growth, DDP should address the planning problems and issues rightly to salvage it from further going down. It has strong secondary and tertiary sector backgrounds. Manufacturing and industries at the same time with booming retail trade and commerce both formal and informal on both sides of its many main arteries speak of the vibrant pulse of the residents to adapt change for the better years to come. Predominant land use of the municipality is residential, however, in some places it is mixed with commercial or industrial uses. Most of the municipalities' arterial roads, namely GLT Rd, Kashi Nath Dutta Rd, Bagha Jatin Rd, MNK Rd, Deshbandhu Rd, Rajkumar Mukherjee Rd, Akshoy Kumar Mukherji Rd, Kali Charan Ghose Rd and few more are having commercial use on the two sides at ground area, upper floors are mostly for residential purpose. Similarly factory and industry infiltrate in the residential neighborhoods.

## Demographic Growth and Population Projection

Estimated Population for Baranagar Municipality during 2011-25 as projected by KMDA in their report of Vision 2025 is as follows

1981-91	1991	2001	2011	2021	2025
% growth is 32%	2,24,821	2,50,768	2,97,451	3,42,111	3,60,560

Percentage population growth between 1991-2001 is 11.54 %. Estimated percentage growth in 2011 is 18.61 and in 2021 is 15%, which show a huge population influx in the ULB as it is most conveniently located in the adjoining KMC. In 2001, the municipality with 7.12 km<sup>2</sup> area and a population burden of 2,50,768 (2001 census) was having 35,220 persons per sq. km. one of the highest population density in the KMA. At present the population density has decreased to 34, 440 with a total population of 2,45,213 as per the 2011 Census.

From the above table, it is observed that population growth in Baranagar Municipality was inconsistent over the century. After the partition in 1947 and Bangladesh War in 1971, there was a very huge influx of refugees in this municipality. Secondly, the proximity of this municipality to KMC area is another reason of high population growth rate.

An annex building (G+2) has been built adjoining the main municipal building (G+1) to accommodate all departments of the Municipal Office. The administration is run from these two offices. There are four ward offices from where certain municipal services are being delivered.

## *Municipal Office*

value varies between 7.58 and 8.16.

of the soil varies from grey to deep brown. The texture varies from loam to sandy loam. The PH content and turbidity in ground water are reported in several areas of the Municipality. The colour Groundwater quality varies from place to place with pH value ranging from 6.8 to 7.4. High iron

## *Soil and Ground Water Scenario*

10.8 degree celcius.

rain fall is 1277.8 mm and maximum temperature is 35.6 degree Celsius and minimum dusk. Winter prevails for a short period with chilling dry wind coming from the northeast. Average the months of April and May, thunderstorms, sometimes accompanied by hail, frequently occur at November to mid-February) and humid during the summer in the range between 50 – 95 %. During season spreading from early June to early October. The weather remains dry during the winter (mid- The climate of this region like rest of the Gangetic Plains in West Bengal is tropical with monsoon

## *Climate*

There is no traditional art and craft skill found in the local people of the Municipality

## *Traditional Arts/Crafts*

frequently.

Maths and temples present in the municipal area, religious ceremonies are observed very Religious festivals like Durga Puja, Kall puja are main festivals of the area. As there are a number of

## *Festivals*

religious importan

Dutch Kuthi and Path Bari are famous for historical importance and others are having

- i) Sri Sri Omkarnath Ashram j)Attapara Harisabha k) Shibananda Yogashram
- e) Joy Nitaikali Temple f) Path Bari g) Ramkrishna Mission Ashram h) Kancher Mandir
- a) Dutch Kuthi.b) Alambazar Math c) Baranagar Math d) St. James Church

There are many old and historic structures in this Municipality, which attracts visitors, are as follows:

## *Places of Interest*

**Annexure 7C**  
**(Para 14.5 of the Guidelines)**  
**Format for Projects under Beneficiary led Construction or Enhancement**

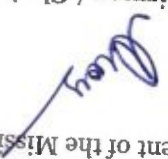
1.	Name of the State	West Bengal	
2.	Name of the City	Baranagar	
3.	Project Name	Baranagar	
4.	Project Code *	Housing for all	
5.	State Level Nodal Agency	193379999801712014	
6.	Implementing Agency/ ULB	SUDA	
7.	Date of approval by State Level Sanctioning and Monitoring Committee (SLSMC)	Baranagar	
8.	Project Cost (Rs. in Lakhs)	283.36	
9.	No. of beneficiaries covered in the project	64	
10.	(i) No. of Beneficiaries ( New Construction)	Gen	5
		SC	0
11.	Whether selected beneficiaries have rightful ownership of the land?	OBC	1
		Minority	70
12.	Whether building Plan for all houses have been approved?	Yes	
13.	i) Govt grant required (Rs. 1.5 lakh per eligible Beneficiary) (Rs. In Lakhs)	105.00 Lakh	
14.	ii) State grant, if any (Rs. In Lakhs)	147.98 Lakh	
	iii) ULB grant, if any (Rs. In Lakhs)	12.88 Lakh	
	iv) Beneficiary Share (Rs. In Lakhs)	17.50 Lakh	
	v) Total (Rs. In Lakhs)	283.36 Lakh	
	Whether technical specification/ design for housing have been ensured as per Indian Standards/NBC/ State norms?	Yes	
15.	Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation?	Yes	
16.	Brief of project, including any other information ULB/State would like to furnish	Yes	

It is hereby confirmed that State/UT and ULB have checked all the beneficiaries as per guidelines 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 (CLASS) component of the Mission.

( Nodal Officer )  
 Baranagar Municipality



( Chairman/ Chairperson )  
 Baranagar Municipality  
 Chairman  
 Baranagar Municipality



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



## FUND FLOW PATTERN

Rupees in lakhs

NAME OF THE SCHEME	ESTIMATED COST	YEAR 2015-16				TOTAL
		GOI	GOWB	ULB	Beneficiaries	
PMAY project - , Baranagar Municipality	283.36	105.00	147.98	12.88	17.50	283.36

### PHASING OF FUND


Rupees in lakhs

YEAR 2015-16	RELEASE OF FUND					TOTAL
	GOI	GOWB	ULB	Beneficiaries		
1st Installment @ 40%	42.00	59.19	5.15	17.50		123.84
2nd Installment @ 40%	42.00	59.19	5.15	0.00		106.34
3rd Installment @ 20%	21.00	29.60	2.58	0.00		53.17
<b>TOTAL</b>	<b>105.00</b>	<b>147.98</b>	<b>12.88</b>	<b>17.50</b>		<b>283.36</b>

### REQUIREMENT OF FUND

Rupees in lakhs

SL. NO	NAME OF THE SCHEME	YEAR 2015-16	TOTAL
1	PMAY project - , Baranagar Municipality	283.36	283.36
	<b>Total</b>	<b>283.36</b>	<b>283.36</b>

  
 Asst Engr,  
 Baranagar Municipality

## BSUP physical progress report as on 30.11.2015

ULB Name: <b>BARANAGAR</b>				Phase: <b>2</b>				Technical assistance by: <b>MED/ BSUP/ MDP/RE.....</b>							
Project Component	Sanctioned Cost (Lakh)	Sanctioned Quantity		Tender Invited		Work order issued		Physical Progress (cumulative)				Expenditure incurred (cumulative)			
		Multi storied	In-situ (single unit)	Unit	Quantity	Unit	Cost Rs lakh	Quantity	Unit	Cost Rs lakh	Up to Plinth (0-25%)		Up to Roof (25%-50%)	More than 50%	Complete
Housing	766.77		280.00	Nos.	280.00	Nos.	766.77	280.00	Nos.	766.77	0	0	2	278	752.18
<b>Infrastructure</b>															
Drainage	58.94		3368.00	M.	3179.00	M.	58.94	3179.00	M.	55.52			3106.00		54.58
C.C Road	129.72		3950.00	M.	3566.00	M.	129.72	3566.00	M.	117.14			3554.00		116.71
Sewerage(S. Tank)	83.95		280.00	Nos.	280.00	Nos.	83.95	280.00	Nos.	83.95			278		77.00
<b>Total</b>	<b>1039.38</b>						<b>1039.38</b>			<b>1023.38</b>					<b>1000.47</b>

## BSUP financial progress report as on: 31.10.2015

<b>ULB Name: BARANAGAR</b>		<b>Phase: 2</b>		<b>Technical assistance by: MED/ BSUP/ MDP/RE.....</b>		
Source of Fund	Amount Received (cumulative)	Expenditure booked	Expenditure committed			
Govt Share	519.69					
State Share	313.96					
ULB Share	13.63					
Beneficiary Contribution	151.06	1,000.47				
Bank Loan	0.00					
Others (KMDA)	52.37					
<b>Total</b>	<b>1050.71</b>		<b>1000.47</b>			

### Issues and Constraints

Land related	Tendering related	Cost related	Material related	Beneficiary related	Bank loan related	Fund related	Others (if any)
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

  
 Chairman  
 Baranagar Municipality

## Executive Summary

### Project Details

1	State						West Bengal			
2	City						BARANAGAR			
3	Project Name						Pradhan Mantri Awas Yojana - Housing For All. (Urban)			
4	Project Cost			(Rs. In Lacs)	:		283.36			
5	Central Share			(Rs. In Lacs)	:		105.00			
6	State Share			(Rs. In Lacs)	:		147.98			
7	ULB Share			(Rs. In Lacs)	:		12.88			
8	Beneficiary Share			(Rs. In Lacs)	:		17.50			
10	SOR Adopted				:		PWD (WB) w.e.f.1.7.14 with current 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	Beneficiaries Share	
<b>A. HOUSING</b>												
1	New in- situ											
	Single storied units		70	Nos.	367858.00	257.50	257.50	105.00	135.10		17.50	
Total Housing Cost Sub Total (A)							257.50	257.50	105.00	135.10	0.00	17.50
<b>B. INFRASTRUCTURE</b>												
1	Drain	400 x 400	430.00	Mtr	2540.00	10.92	10.92	0.00	5.46	5.46		
2	CC Roads	2.5 m wide	430	Mtr	3472.00	14.93	14.93	0.00	7.46	7.46		
Total Infrastructure Cost Sub Total (B)							25.85	25.85		12.92	12.92	0.00
Total (A+B)							283.35	283.35	105.00	148.02	12.92	17.50

Signature of the ULB Level Competent

Name & Designation:

Address:

Fax No: + 91-33-  
Telephone No.: + 91-33-  
Mobile No.:  
E-mail:

Signature of the State Level Nodal Officer  
Name & Designation: Sri M.N. Pradhan, IAS  
Director, SUDA

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 State Level Competent Technical Officer

Name & Designation: Armit Das, Chief Engineer, Municipal Engineering Div, Govt. of West Bengal

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\_medie@yahoo.com

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

Signature of the Chairman / CEO/Commissioner of ULB/ Implementing Agency  
Name & Designation: **Chairman**  
Chairman, Hatisahar Municipality **Baranagar Municipality**

Address:

Fax No.:  
Telephone No.:  
Mobile No.:  
E-mail No.:



List of Slums for 2015-16

S.No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housing	Road Status	Habitation pattern
1	NEOIPARA BUSTEE	The condition of living in the slum is unhygienic	Land belongs to Beneficiary	30	The National Highway - 2 kms away	Major population is living in huts, made of bricks with tin sheets and asbestos/tiles on roof	Majority of roads are brick paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
2	KALIMATA COLONY	The condition of living in the slum is unhygienic	Land belongs to Beneficiary	30	The National Highway - 0.3 kms away	Major population is living in huts, made of bricks with tin sheets and asbestos/tiles on roof	Majority of roads are brick paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
3	S P BANERJEE ROAD	The condition of living in the slum is unhygienic	Land belongs to Beneficiary	30	The National Highway - 1 kms away	Major population is living in huts, made of bricks with tin sheets and asbestos/tiles on roof	Majority of roads are brick paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space

**SLUM WISE COST AND QUANTITY SUMMARY OF DIFFERENT COMPONENTS  
UNDER PMAY ( HOUSING FOR ALL )**

SL NO	Slum Name	Housing		Physical Infrastructure			
		No of Housing	Cost @Rs. per DU	Length of Drain(M)	Cost @ Rs. 2540 per M	Area of road ( Sqm ) considering 2.00 M Width	Cost @ Rs. 1736 per Sqm
1	KALIMATA COLONY	21	7725018	129	327660	258	447888
2	NEOGIPARA ROAD	7	2575006	43	109220	86	149296
3	S P BANERJEE	27	9932166	165.90	421386	331.80	576004
	<b>TOTAL</b>	<b>55</b>	<b>20232190</b>	<b>337.90</b>	<b>858266</b>	<b>675.80</b>	<b>1173188</b>

**TOTAL HOUSING COST FOR SLUM = Rs 20232190.00**

**TOTAL INFRASTRUCTURE COST FOR SLUM = Rs 2031454.00**

**NON SLUM COST AND QUANTITY SUMMARY OF DIFFERENT COMPONENTS  
UNDER PMAY ( HOUSING FOR ALL )**

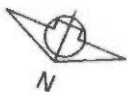
Housing		Physical Infrastructure			
		Drain	Concrete Road		
15	No of Housing	92	233680	184	319424
	Cost @Rs. 367858 per DU	Length of Drain(M)	Cost @ Rs. 2540 per M	Area of road ( ) considering 2.00 M Width	Cost @ Rs. 1736 per Sqm

**TOTAL HOUSING COST FOR NON SLUM = Rs 5517870.00**

**TOTAL INFRASTRUCTURE COST FOR NON SLUM = Rs 553104.00**

**PROPOSED LAYOUT PLAN OF KALIMATA COLONY WARD NO-1,  
UNDER BARANAGAR MUNICIPALITY OF HOUSING FOR ALL SCHEME**

SCALE-1:500



BHARAT PALLY

BANDHU MILAN CLUB

BAGJOLA KHAL

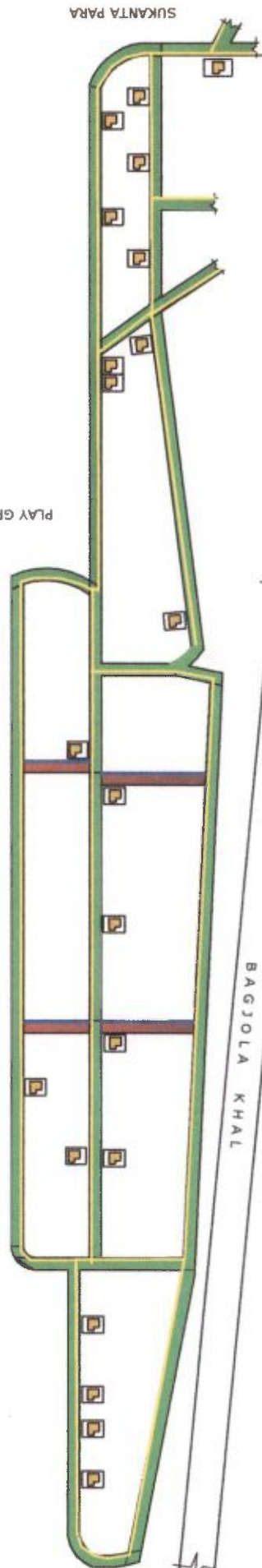
PLAY GROUND

BELGHARUA EXPRESS WAY



ITEMS	EXISTING	PROPOSED
HOUSING KACHA	21	
CONCRETE ROAD		129 MTR.
DRAIN		129 MTR.

LEGEND:



*[Handwritten signature]*

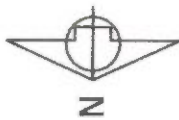
Assistant Engineer  
P.W. Department  
Baranagar Municipality  
SIGN. OF ASST. ENGG.

SUKANTA PARA

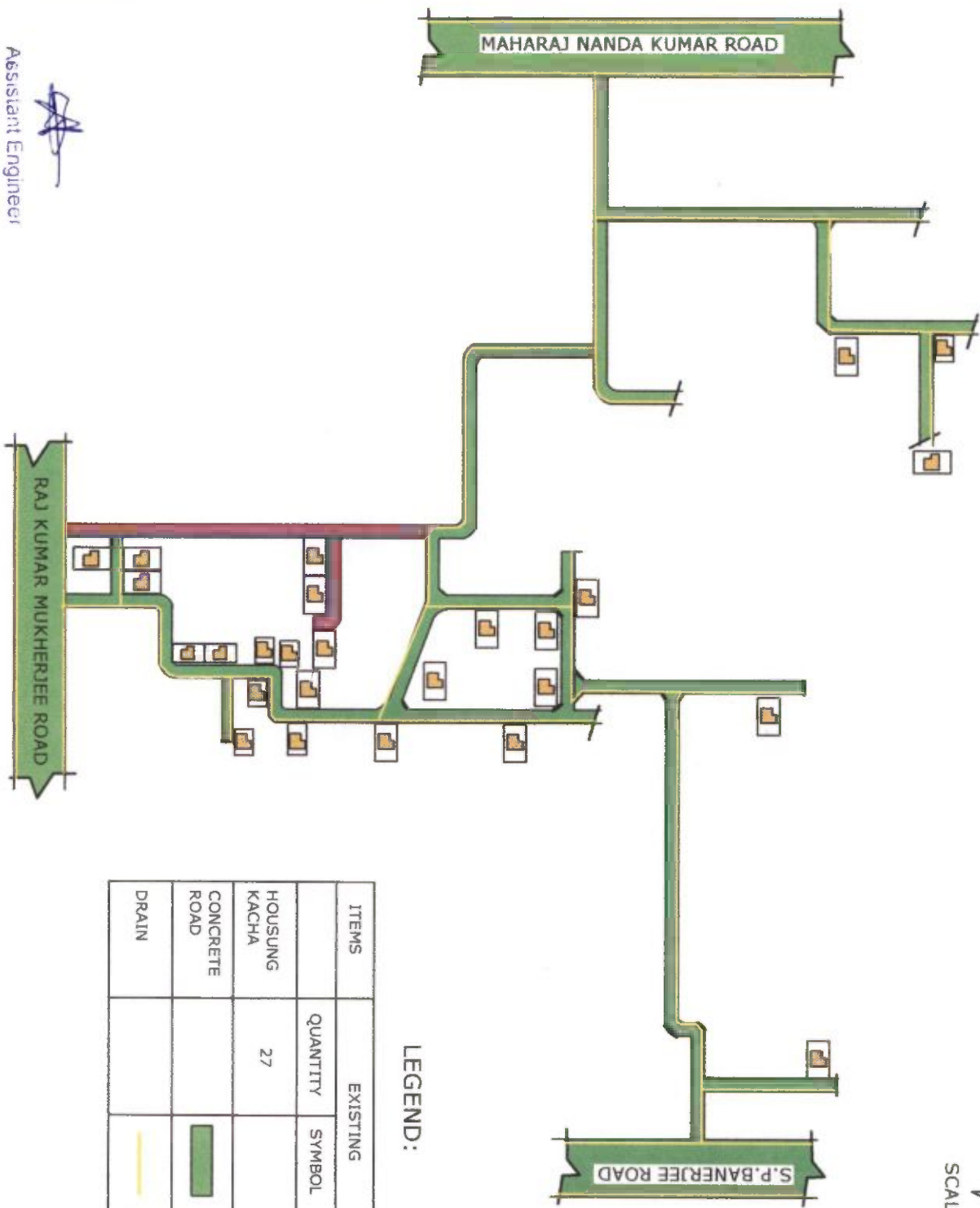
Chairman  
Baranagar Municipality  
SIGN. OF CHAIRMAN

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**PROPOSED LAYOUT PLAN OF S.P. BANERJEE ROAD WARD NO-6,  
UNDER BARANAGAR MUNICIPALITY OF HOUSING FOR ALL SCHEME**



SCALE-1:500



**LEGEND:**

ITEMS	EXISTING	SYMBOL	QUANTITY	PROPOSED	SYMBOL
HOUSUNG KACHA	27		27		
CONCRETE ROAD			165.9 MTR.		
DRAIN			165.9 MTR.		

Assistant Engineer  
P.W. Department  
Baranagar Municipality






Chairman  
Baranagar Municipality  
SIGN. OF CHAIRMAN

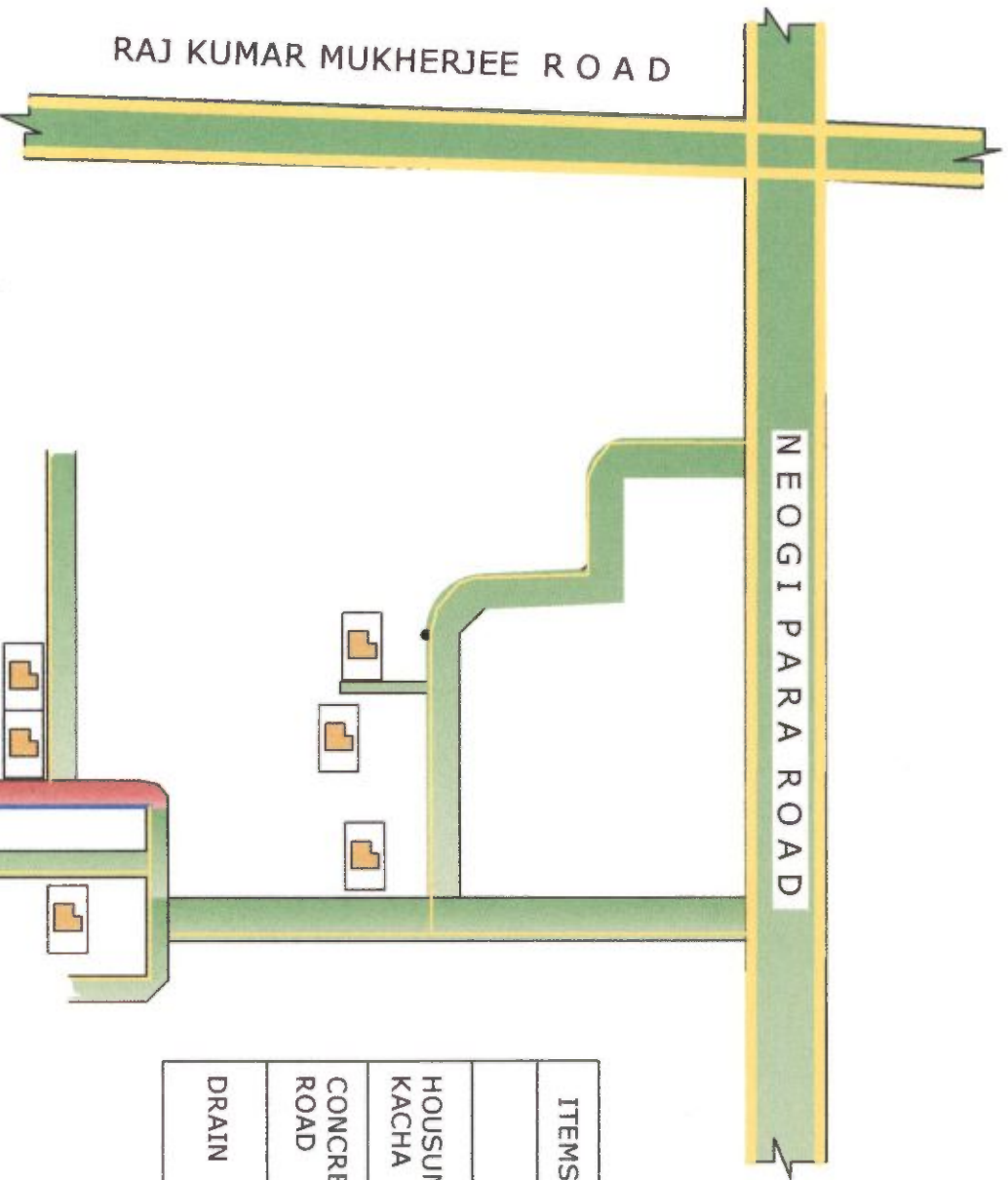
**PROPOSED LAYOUT PLAN OF NEOGI PARA ROADWARD NO-29 UNDER BARANAGAR MUNICIPALITY  
OF HOUSING FOR ALL SCHEME**

SCALE-1:500      N



**LEGEND:**

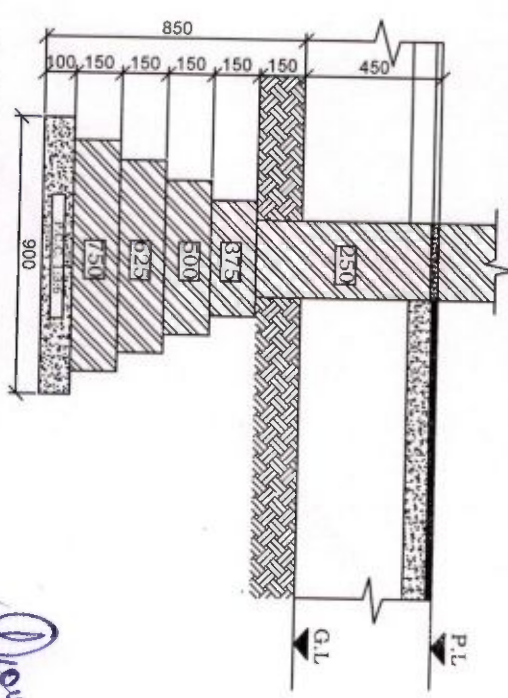
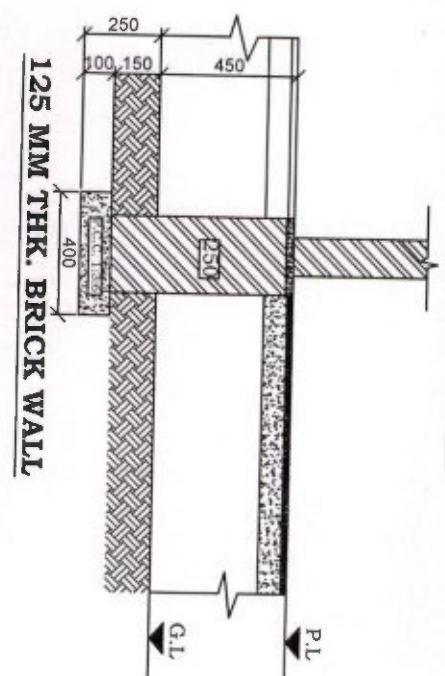
ITEMS	EXISTING		PROPOSED	
	QUANTITY	SYMBOL	QUANTITY	SYMBOL
HOUSUNG KACHA	7		7	
CONCRETE ROAD			43	
DRAIN			43	



Assistant Engineer  
P.W. Department  
Baranagar Municipality  
SIGN. OF ASSISTANT ENGINEER.

Chairman  
Baranagar Municipality  
SIGN. OF CHAIRMAN

**FOUNDATION DETAILS**



**250 MM THK. BRICK WALL**

Chairman  
Baranagar Municipality

*[Signature]*

**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

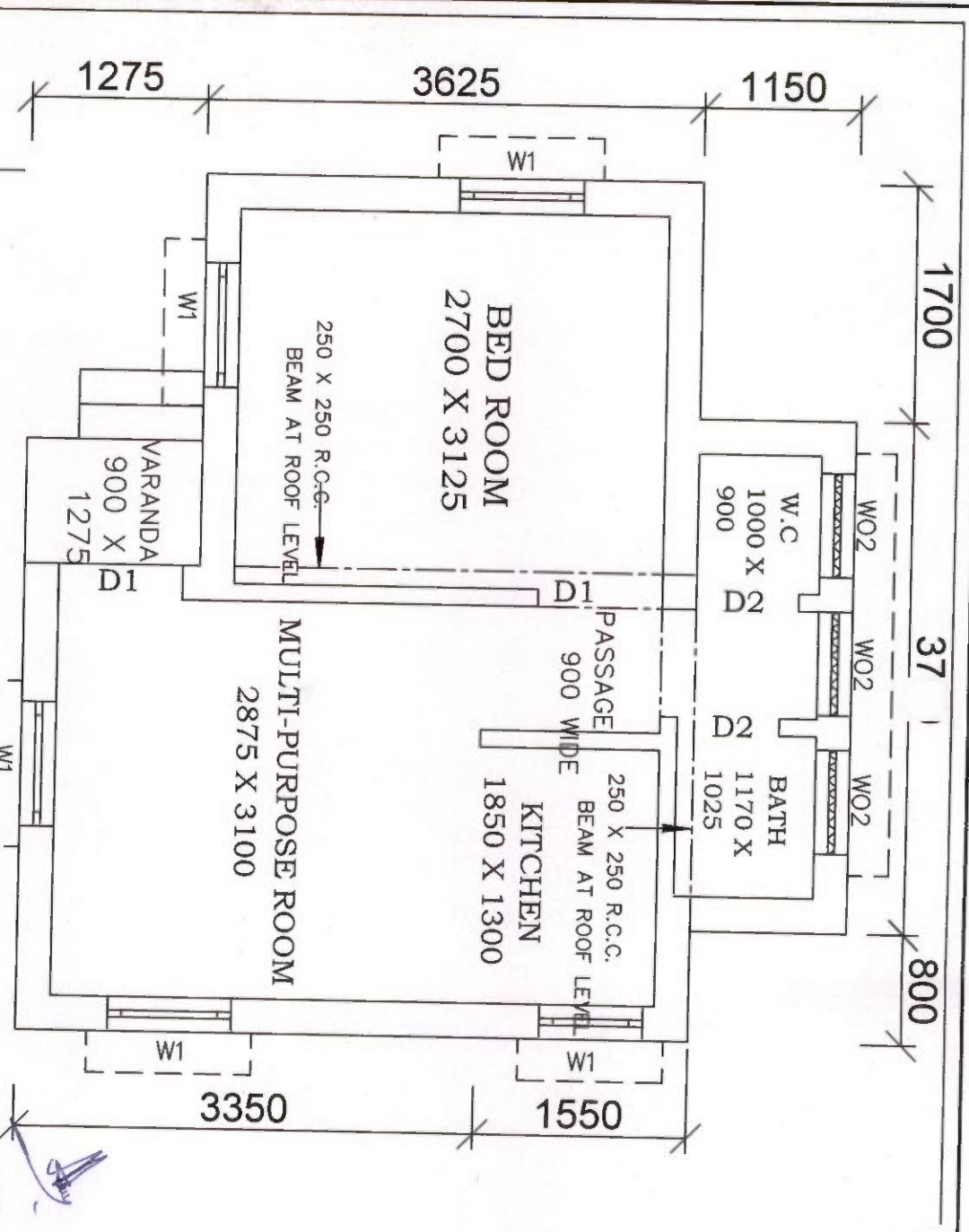
- NOTE:-**
1. ALL WINDOW OPENINGS (W1&W2) WILL BE PROVIDED WITH Z-BATTEN SHUTTERS.
  2. ALL DOORS (D1&D2) -25TH Z-BATTEN SHUTTERS, SINGLE LEAF.
  3. W02 - OPENING PROVIDED WITH R.C.C. JALLI.
  4. PLINTH HEIGHT - 450 TH.
  5. CEILING HEIGHT - 2750 TH.
  6. MAIN WALL - 250 TH.
  7. PARTITION WALL - 125 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
W1	900 X 900
W2	750 X 900
W02	750 X 750
D1	900 X 2100
D2	750 X 2100

FLOOR AREA - 25.37 SQM.  
BUILT UP AREA - 32.18 SQM.

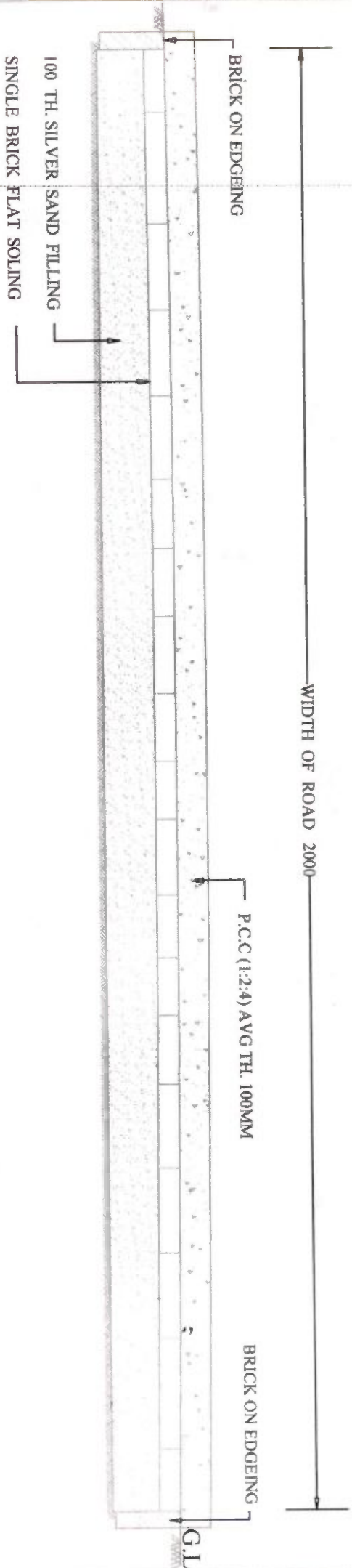
Assistant Engineer  
P.W. Department  
Baranagar Municipality

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



Assistant Engineer  
P.W. Department  
Baranagar Municipality

# TYPICAL CROSS SECTION OF CEMENT CONCRETE ROAD



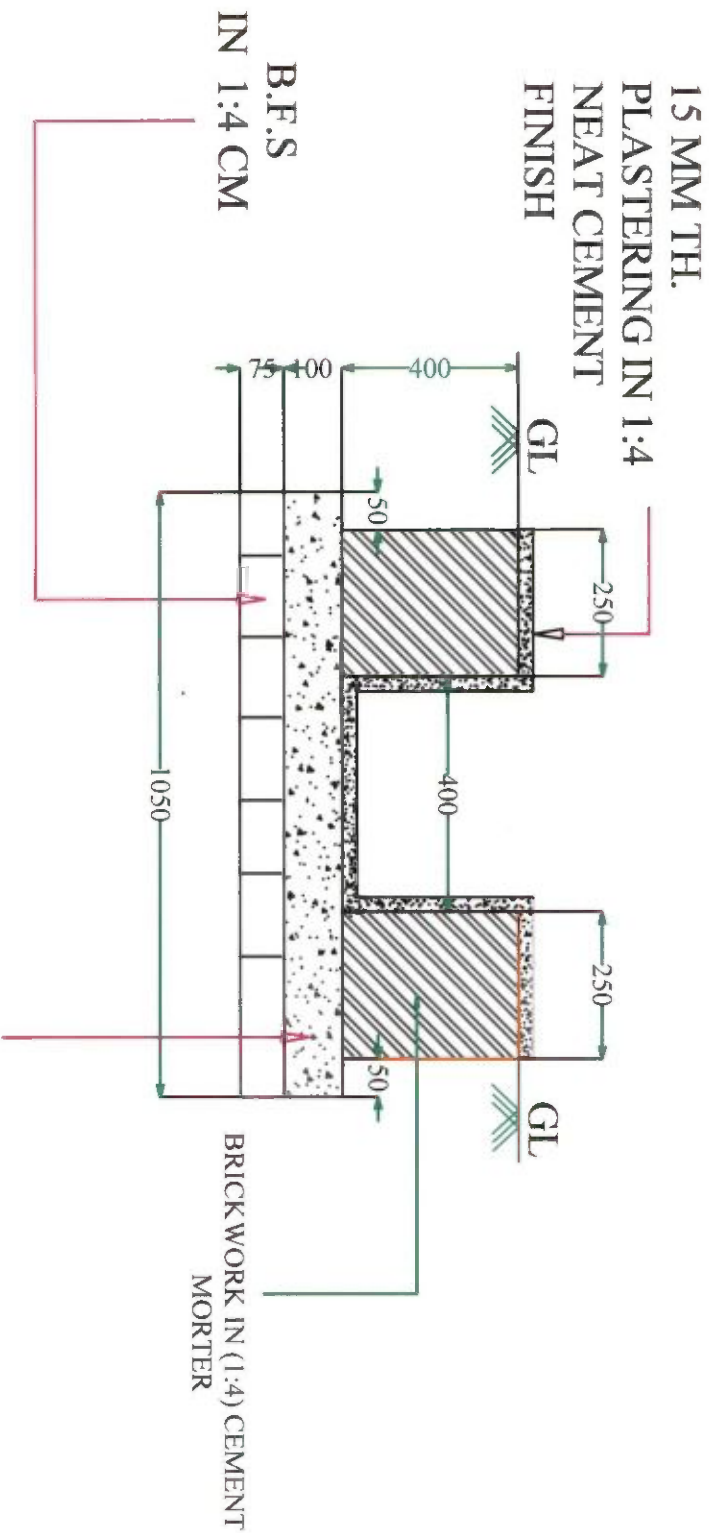
**NOTE :** CEMENT CONCRETE SHOULD BE LAID IN ALTERNATE PANNEL OF AN AREA NOT MORE THAN 7.50 SQM. PROVISION FOR PAPER JOINT AT THE END OF EACH PANNEL IS TO BE MADE

Assistant Engineer  
P. W. Department  
Baranagar Municipality

Chairman  
Baranagar Municipality



**CROSS SECTION OF DRAIN ( 400 X 400 )**



**100 MM TH. P.C.C (1:2:4) OVER  
75 TH. BRICK FLAT SOLING**

**Sub -Assistant Engineer**

**Chairman  
Baranagar Municipality  
Chairman**

Detailed Estimate for Single Dwelling unit  
 Floor area 25.36 sqm Built up area 32.18 sqm

S.No.	Description	Quantity	Rate	Amount	Unit
	C/L of main outer wall	4.65			
	125 mm Partition wall	3.375			
	Varandah C/L	1.275			
		0.9			
		2.175			
		1.15			
		1.15			
		2.187			
		1.9			
		1.387	5.474		
		11.149			
		1.275			
		2.825			
		3.125			
		23.5			
	X wall	1.25			
1	Earth work in excavation				
	250 mm wall	1.235	0.75	0.926	
		0.875	0.75	0.656	
		24.375			
	125 mm Wall	2.625	0.4	1.050	
	WC	0.4	0.225	0.090	
	Bath	0.65	0.225	0.146	
	5.474	0.75	0.225	0.169	
	4.724	0.4	0.225	0.090	
	Varanda	1.425	0.4	0.570	
	Step	0.5	0.9	0.450	
		0.034	0.075	0.0255	
		13.715			ma
2	Soling	24.375	0.75	18.281	
		11.45	0.4	4.580	
		22.861			
3	Polythene sheet				
		3.125			
		2.875			
		2	1.65	3.300	
	passage	0.625	2.375	1.484	
	Bath&WC	2.7	0.9	2.430	
	Varandah	1.025	0.6	0.615	
	step	0.9	0.5	0.450	
		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			ma

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					
		23.5		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						
		1.063	0.375	0.399					
		1.125	0.25	1.485	0.15	0.223			
	125mm	3.125	0.25	0.525	0.525	0.148			
	Bath&WC	2.09	0.25	0.523	0.523	0.41			
	Kit	5.224	0.25	0.525	0.686	0.235			
	Vard	1.925	0.25	0.525	0.253				
	Steps	0.5	0.9	0.15	0.068				
			0.25	0.9	0.034				
					10.427	ms			
7	DPC	23.5							
		1.125							
		24.625	0.25	6.156					
		3.125							
		1.8							
		5.224							
		10.149	0.125	1.269					
	Less	0.9	0.25	0.225		7.425			
		0.9	0.125	0.113					
		3	0.75	0.281					
				0.619					
				6.806	sqm				
8	B.W 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								
		1.09	2.1	1.89					
		4.09	0.9	3.24					
		1.075	0.9	0.675					
		3.075	0.75	1.688					
				7.493	0.25	1.873			
	Lintel								
		1.525		1.525					
		4.12		4.8					
		1.105		1.05					
				7.375	0.25	0.184			
	Woz								
		1.305		3.05	0.25	0.076			





MED, GOWB / BARANAGAR MUNICIPALITY / PMAY (Housing For All)

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

Assistant Engineer  
P. W. Department  
Baranagar Municipality

Chairman  
Baranagar Municipality

D1+D2	W1	4	4		12				
	W2	1	4		16				
					4				
					32 nos.				
20	Iron socket bolt								
	Door	6							
	Window	5							
21	White wash				11 nos.				
	Inside+Ceiling Plaster- inside punning	116.933	23.33	15.31					
	Colour wash								
22	Out side Plaster- out side punning	111.953	11.385		100.568				
	Priming on timber surface	2.09	2.1	7.56					
		2.09	2.1						
		2.075	2.1	6.3					
		2.09	2.1	6.48					
		2.075	2.1	1.35					
					21.69				
23	Painting best quality on wooden surface								
	same sl.no. 23								
	MS ornamental gril...10Kg-16 Kg	4.075	0.75	2.25					
	W1	4.075	0.75	2.25					
	W2	1.075	0.6	0.45					
				2.7					
	@12Kg/sqm			32.4					
	Kg								
26	Priming on Steel surface				2.7				
	same sl.no. 24								
	R.C.C. Shelf	1.75	0.5		0.875				
	Roof treatment with cow dang								
29									
	Deduct	1.14	(varanda)	1.14					
	Cornice	25	0.125	3.125					
				27.915					
					27.915				

**DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE**

**Pradhan Mantri Awas Yojana Housing For All (Urban)**

Total Covered Area - 32.18 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

S/ Kalyani Sub Div.)

Floor Area 25.37 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 rraming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm.	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 rraming 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.	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	cum	5719.00	59649.17
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



SL No	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
10	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). (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-17(a) 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M <sup>2</sup>	360.00	13342.68
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) Inside wall 20 mm thick plaster SOR, PWD, P-151, T-2 (1)(b) b) Out side Wall, 15mm th. SOR, PWD, P-151, I-2 (i)(c) B) 10mm th ceiling plaster (4:1) SOR, PWD, P-151, I-2 (i)(c)	116.940	sq.m.	181.00	21166.14
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 concrete (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 complete 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
15	Panel Shutter of door & Window (each Panel Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panel 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 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) 2) On Steel Surface SOR, PWD, P-162, I-7(b)	21.690	sq.m.	41.00	889.29
		2.700	sq.m.	31.00	83.70

(Rupees Three lakh Sixty seven thousand Eight hundred & Fifty eight only)

Sl No	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
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 ; a) On timber or plastered surface Two Coats b) On Steel surface Two Coats With corner piece (tri-ince)-with any shade prevent white SOR, PWD, P - 162, - 8A(ii),(bii)	21.690	sq. m.	89.00	1930.41
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia with center bolt and round fitting. 300 mm long SOR, PWD, P-93, I - 27c	2.000	each	193.00	386.00
24	Precast pilered concrete jally work as per design and manufacturer'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. SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)	3.000	Mtr.	291.00	873.00
		2.000	each	162.00	324.00
		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 to 16 kg/m <sup>2</sup> SOR, PWD, P - 76, I - 10 (i) (2.70sqm @ 10.5kg per sqm = 28.35 kg)	0.284	Qnt	8247.00	2342.15
27	Shallow water closet Indian pattern (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 conforming 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
	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 mortar (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 75mm. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plastering and neat cement punning on top of the slab and making hooking arrangement 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 reinforcement 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
<b>TOTAL AMOUNT</b>				<b>Rs.</b>	<b>350000.36</b>
<b>Add for Electrical Works (ANNEXURE-I)</b>				<b>Rs.</b>	<b>17858.00</b>
<b>Say</b>				<b>Rs.</b>	<b>350000.00</b>
<b>TOTAL AMOUNT</b>				<b>Rs.</b>	<b>367858.00</b>

Chief Engineer  
M.E. Directorate  
Govt. of West Bengal

*(Signature)*

**ESTIMATE FOR CONSTRUCTION OF CONCRETE ROAD PER SQ-MTR**

All rates are taken from P.W.D. Schedule 2014 Effective from 1st June 2014, and 7th Corrigenda effect from 11.08.2015

Consider 30.0m x 2.0m Cement Concrete Road

Sl. No	Description	No	L	B	H	Qty.	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)	%	
											Cum	%Cum
1	Brick edging 75 mm wide with picked jhama bricks, laid true to line and level including cutting necessary trench in soil or in hard metalled surface, laying the bricks and repacking the trench (on both side of the edging) with spoils and ramming the same thoroughly complete as per direction. Page-189, Item-3. (b) Brick-on-end edging (250 mm) depth For CC road 2.0 30,000 60.00 End side 2.0 1,850 3,70 Total- 63.70						%Metre	63.70	8,661.00	5,517.06		
2	(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). Page-2, Item No-4. For CC road 1.0 29,850 1,850 0.100 5.52 Total- 5.52						%Cum	5.52	68,771.00	3,796.16		
3	Brick soling with picked jhama bricks including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling (and in between layers when more than one layer is used) completes as per direction. Page-188, Item-1. (a) Single brick flat soling (thickness 75 mm.) For CC road 1.0 29,850 1,850 55.22 Total- 55.22						Sqm	55.22	329.00	18,167.38		
4	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hoisting etc, complete in all respect. (only the area in contact with concrete to be measured) Page-27, Item No-14 For CC road 2,000 30,000 0.100 6.00 2,000 2,000 0.100 0.40 Total- 6.40						Sqm	6.40	99.00	633.60		
5	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, as per relevant IS codes. A) Pakur Variety, Page-11, Item-5.a a) Ground floor. For CC road 2.0 30,000 2,000 0.100 12.00 Total- 12.00						Cum	12.00	6,071.82	72,861.84		
6	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 basis of measurement of finished quantity of work). Consider total Earth cutting 2.0 30,000 0.300 0.100 1.80 2.0 2,000 0.300 0.12 Total- 1.92						%Cum	1.92	7,831.00	150.36		

Total- 1,01,126.39  
Add Contingency @ 3% 3,033.79  
G. Total- 1,04,160.18  
Total area of Road in Sq.m 60.00  
Rate /Sq.m= 1736.00  
Say 1736.00

Assistant Engineer  
P.W. Department  
Baranagar Municipality

Chairman  
Baranagar Municipality

Sl. No	Description	Details				No	L	B	H	Qty.	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
1	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 spills within a lead of 75m. As directed. The item includes necessary trimming the sides of trances, leveling dressing and ramming the bottom complete a) Depth of excavation not exceeding 1500mm.	For drain	1.0	1.000	1.000	1.0	1.000	1.000	0.65	%Cum	0.65	12,047.00	78.31	
2	(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).	For drain	1.0	1.0	1.0	1.0	1.0	1.0	0.10	%Cum	0.10	68,771.00	68.77	
3	Single Brick Flat Soling of picked Jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. Page-11, Item-1.	For drain	1.0	1.000	1.000	1.0	1.000	1.000	1.00	Sqm	1.00	343.00	343.00	
4	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, as per relevant IS codes. A) Pakur Variety. Page-11, Item-5.a	For drain	1.0	1.000	1.000	1.0	1.000	1.000	0.08	Cum	0.08	6,071.82	485.75	
5	Brick work with 1st class bricks in cement mortar (4:1)	For drain	1.0	1.000	0.250	1.0	1.000	0.250	0.10	Cum	0.15	5,623.00	843.45	
6	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 basis of measurement of finished quantity of work)	Consider total Earth	1.0	0.650	0.65	1.0	0.650	0.65	0.65	%Cum	0.65	7,831.00	50.90	
8	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or stright and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hoisting etc, complete in all respect (only the area in contact with concrete to be measured)	For drain	0.667	0.775	0.125	0.667	0.775	0.125	0.13	Sqm	0.15	99.00	14.85	
9	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	For drain	0.667	0.775	0.125	0.667	0.775	0.125	0.01	m3	0.01	6,811.63	68.12	

Sl. No	Description	No	L	B	H	Qty.	UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
10	Reinforcement for reinforced concrete work in the 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 binding with 16 gauge black annealed wire at every intersection complete as per drawing and direction. a) For works in foundation Basement and up to roof of ground floor upto 4m i) For steel/Mild steel Page-27, Item No.-15.a, 1 & b, i. Considering @ 1.0% = 78.5kg/M3	1.0	0.008	0.785	0.0063		Qnt	0.006	6,178.70	37.07
						Total-				0.01
11	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 (Ground floor). [Excluding cost of chipping over concrete surface] (ii) with 1:4 cement mortar Page-151, Item-2, i, c & Page-152, Item-5, a (a) 15mm thick plaster or drain	1.0	1.000	1.575	1.58		m2	1.58	171.00	270.18
						Total-				1.58
12	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. Page-152, Item-8. NOTE: Cement 0.152 cu.m per 100 sq.m.	1.0	1.000	1.575	1.58		m2	1.58	38.00	60.04
						Total-				1.58
<p>Total- 2,466.03 Add Contingency @ 3% 73.98 G. Total- 2,540.01 Rate /Mtr length= 2,540.00</p>										








Assistant Engineer  
P.W. Department  
Baranagar Municipality










Chairman  
Baranagar Municipality






**BARANAGAR MUNICIPALITY**

**PMAY (HEA- 2022)**

**BENEFICIARY LIST OF BARANAGAR MUNICIPALITY OF WARD NO: 1  
KALIMATA COLONY (SLIN CODE- 57)**

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Address	Category							Gender	UID NO.	Photo	
				SC	ST	OBC	Minority	PH	EWS	General				
1	LAKSHMI DEY	LATE RANJIT DEY	11 KALIMATA COLONY							EWS	General	Female	KTF0700740	
2	SUSIL DAS	LATE NOGEN CHANDRA DAS	64 KALIMATA COLONY							EWS	General	Male	KTF0702886	
3	SATYAJIT SAHA	LT. BHADRA MOHAN SAHA	46 KALIMATA COLONY							EWS	General	Male	KTF0702126	
4	SAMBHU CHANDRA DAS	LATE KHUSI MOHON DAS	76 KALIMATA COLONY							EWS	General	Male	KTF0703223	
5	PRADIP DUTTA	LATE HARADHAN DUTTA	63 KALIMATA COLONY							EWS	General	Male	KTF0702803	
6	RUMA DAS	BINOV DAS	69 KALIMATA COLONY							EWS	General	Female	KTF2575058	
7	KALPANA SARKAR	LATE MADHAB SARKAR	98 KALIMATA COLONY							EWS	General	Female	KTF0704288	

8	SWAPNA GHOSH	PRODIP GHOSH	23 KALIMATA COLONY							EWS	General	Female	KTF0701300	
9	BISWANATH DAS	LT. RAMESH CH DAS	33 KALIMATA COLONY							EWS	General	Male	KTF0701672	
10	BANADEVI SAHA	LT. SHANTI RAMJAN SAHA	48 KALIMATA COLONY							EWS	General	Female	KTF0702225	
11	NIRMAL DAS	LT. SUBHAL CH DAS	81 KALIMATA COLONY							EWS	General	Male	KTF2511657	
<del>12</del>	<del>RAMA DAS</del>	<del>LATE NONI GOPAL DAS</del>	<del>27 KALIMATA COLONY</del>							<del>EWS</del>	<del>General</del>	<del>Female</del>	<del>KTF0701441</del>	
13	BANI GHOSH	LT. PARESH CH GHOSH	78 KALIMATA COLONY							EWS	General	Female	KTF0703314	
14	GOURANGO DAS	LT SURESH CH DAS	58 KALIMATA COLONY							EWS	General	Male	KTF0702597	
15	BAPI SARKAR	LATE BABULAL SARKAR	70/1 KALIMATA COLONY							EWS	General	Male	KTF0703033	
16	CHAYA BARMAN	LATE BALARAM BARMAN	10 KALIMATA COLONY							EWS	General	Female	WB/20/137/429236	

17	PUTUL DEY	LATE SITAMATH DEY	14 KALIMATA COLONY							EWS	General	Female	KTF0700708	
18	INDRAJIT SAHA	LT. BHADRA MOHAN SAHA	46/B. KALIMATA COLONY							EWS	General	Male	KTF3999729	
19	SHIBANI NANDY	LT. NARESH CH NANDY	42, KLI MATA COLONY							EWS	General	Female	WB/20/137/429424	
20	NARAYANI ACHARYA	LT. SUNIL ACHARYA	29, KALIMATA COLONY							EWS	General	Female	KTF0701490	
21	SANKAR ACHARYA	GOPAL ACHARIYA	20/2, KALIMATA COLONY							EWS	General	Male	KTF0701193	

  
Chairman  
Baranagar Municipality









**BARANAGAR MUNICIPALITY**

**PMAY (HEA - 2022)**

**BENEFICIARY LIST OF BARANAGAR MUNICIPALITY OF WARD NO- 29**

**NEOGI PARA BASTEE (SLIM CODE- 57)**

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Address	Category						Gender	UID NO.	Photo	
				SC	ST	OBC	Minority	PH	EWS				
1	SHYAMOLY MALLIK	UTTAMI MALLIK	58 NEOGI PARA ROAD						EWS	General	Female	KTF4335899	
2	NETAI HALDER	LAT KALIPADA HALDER	51/10 NEOGI PARA ROAD						EWS	General	Male	KTF0355925	
3	DILIP DAS	GOPAL DAS	55/1 NEOGI PARA ROAD						EWS	General	Male	KTF4684205	
4	TILAK PRAMANICK	LATE KANAI PRANICK	52/1, NEOGIPARA ROAD						EWS	General	Female	KTF0345728	
5	DIPALI GHOSAL	DINONATH GHOSAL	56/2, NEOGIPARA ROAD						EWS	General	Female	KTF3788163	
6	GOBINDA KUMAR DAS	LATE KHAGENDRA NATH DAS	59, MANIK BONDOPADHAY SARANI						EWS	General	Male	KTF0346148	
7	RANU MONDAL	SAMBHU MONDAL	58/2, NEOGIPARA ROAD						EWS	General	Female	KTF0346114	

*Das*








**Chairman**  
**Baranagar Municipality**









**BARANAGAR MUNICIPALITY**










**PMAY (HFA - 2022)**

**BENEFICIARY LIST OF BARANAGAR MUNICIPALITY OF WARD NO:-06**

**S.P. BANERJEE ROAD BUSTEES/DUM CODE-29)**

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID NO.	Photo	
				SC	ST	OBC	Minority	PH	EWS				
1	BABU GHOSH	HEMANTO KUMAR GHOSH	158/2/4 RAIKUMAR MUKHERJEE ROAD						EWS	General	Male	4.29442E+11	
2	SADHONA DAS	LATE SWAPAN DAS	153/3/2 RAIKUMAR MUKHERJEE ROAD						EWS	General	Female	KTF4321287	
3	SUFAL DEBNATH	LATE SARAT DEBNATH	154/2 RAIKUMAR MUKHERJEE ROAD						EWS	General	Male	KTF0333369	
4	KOMOLA RANI CHAKRABORTY	LATE SATYENDRA CHAKRABORTY	144/1 RAIKUMAR MUKHERJEE ROAD						EWS	General	Female	KTF0331777	
5	SANKARI RANI BHANDARI	SUMONGAL BHANDARI	155/7 RAIKUMAR MUKHERJEE ROAD						EWS	General	Male	KTF4321352	
6	GOUTAM PROSAD SINGH	LATE ROGHUBIR SING	142 RAIKUMAR MUKHERJEE ROAD						EWS	General	Male	KTF0331660	
7	SUSANTA DAS	LATE KRISHNA CHANDRA DAS	155/6, RAIKUMAR MUKHERJEE ROAD						EWS	General	Male	KTF0333716	

8	NETAI CHANDRA GHOSH	LATE KALIPADA GHOSH	148, RAJKUMAR MUKHERJEE ROAD							EWS	General	Male	KTF0331983	
9	PUTUL SETHI	NANDA SETHI	143/1, RAJKUMAR MUKHERJEE ROAD							EWS	General	Female	TBI0802728	
10	GOUTAM MAITY	ANIL MAITY	157, RAJKUMAR MUKHERJEE ROAD							EWS	General	Male	KTF0333854	
11	UMASANKAR DAS	LATE RAMESWAR DAS	159/4, RAJKUMAR MUKHERJEE ROAD							EWS	General	Male	KTF 4321378	
12	DILIP KUMAR DEY	LATE NIRAPODO DEY	142/1, RAJKUMAR MUKHERJEE ROAD							EWS	General	Male	KTF0331587	
13	DAYA NANDA DAS	LATE RAMESWAR DAS	159/2, RAJKUMAR MUKHERJEE ROAD							EWS	General	Male	KTF0334235	
14	SHIB SANKAR DAS	LATE RAMESWAR DAS	159/1, RAJKUMAR MUKHERJEE ROAD							EWS	General	Male	KTF0334342	
15	SITARAM DAS	LATE BALESWR DAS	158/1, RAJKUMAR MUKHERJEE ROAD							EWS	General	Male	KTF0334243	

16	BIJOY DAS	LATE BALESWR DAS	158/1/1,RAJKUMAR MUKHERJEE ROAD								EWS	General	Male	KTF0334276	
17	SURENDRA DAS	LATE BALESWR DAS	158/1/2,RAJKUMAR MUKHERJEE ROAD								EWS	General	Male	KTF0334128	
18	MALA DAS	LATE AJIT DAS	160/3,RAJKUMAR MUKHERJEE ROAD								EWS	General	Female	KTF0028167	
19	UJALA DAS	LALMOHON DAS	160/1,RAJKUMAR MUKHERJEE ROAD								EWS	General	Female	KTF0334409	
20	ANANDA KUMAR DAS	LATE SOROJ DAS	160/2,RAJKUMAR MUKHERJEE ROAD								EWS	General	Male	KTF3366952	
21	DULAL ROY	LATE MOTILAL ROY	46/2 MAHARAJ NANDA KUMAR ROAD ( N )								EWS	General	Male	KTF0369793	
22	KRISHNA NAYAK	TARAK NAYAK	157/A RAJKUMAR MUKHERJEE ROAD								EWS	General	Female	TB10662411	
23	SDHIR NATH	LATE PANCHU GOPAL NATH	154 RAJKUMAR MUKHERJEE ROAD								EWS	General	Male	KTF0333237	
24	SANTI SHARMA	LATE MONINDRA SHARMA	51MAHARAJ NANDA KUMAR ROAD ( N )								EWS	General	Female	KTF0370171	

25	SANKAR SING	MOHAN SING	48/2 MAHARAJ NANDA KUMAR ROAD ( N )							EWS	General	Male	KTF181080528 3	
	SWAPAN MULLICK	LATE SISIR MULLICK	48/2/A MAHARAJ NANDA KUMAR ROAD ( N )							EWS	General	Male	KTF2528227	
27	DIPALI ROY	LATE NEMAI ROY	153/2/1 RAJKUMAR MUKHERJEE ROAD							EWS	General	Female	TB10593756	

Chairman  
Baramagar Municipality









*Dipali Roy*

**BARANAGAR MUNICIPALITY**

PMAY (HEA-2022)

BENEFICIARY LIST OF BARANAGAR MUNICIPALITY WARD NO - 30

NON-SLUM AREA

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category							Photo			
				SC	ST	OBC	Minority	PH	EWS	General		Gender	UID NO.	
1	SHIB SANKAR DEY	LATE MADAN MOHON DEY	7/32/4, BARADA BASAK STREET							EWS	General	Male	KTF0513200	
2	PANCHU GOPAL PANDIT	LATE GOBORDHAN PANDIT	35/1, ATUL KRISHNA BANERJEE LANE							EWS	General	Male	KTF0535740	
3	TANU MAJHI	LATE BISWANATH MAJHI	80/6, PATHBARI LANE							EWS	General	Male	KTF2411718	
4	KANCHAN DALUI	LATE SAILEN DALUI	20/1, PATHBARI LANE							EWS	General	Male	KTF0402263	
5	RANU DAS	LATE LAKSHMI CHARAN DAS	33/3/A, PATHBARI LANE							EWS	General	Female	KTF0403634	
6	SAMIR MAUR	KARTICK CH MAUR	33/2,, PATHBARI LANE							EWS	General	Male	KTF0403055	
7	PARBOTI DEB	LATE HARI DEB	34/2, PATHBARI LANE							EWS	General	Female	733504372419	
8	TAPAS RAKSHIT	LATE RANJIT RAKSHIT								EWS	General	Male	KTF0443739	

9	SUDHIR MONDAL	LT. SARAT CH MONDAL	53/1/B, PATHBARI LANE										EWS	General	Male	KTF0404731	
10	TAPOTI DAS	LT. SANKAR DAS	99A, P.K. SAHA LANE										EWS	General	Female	KTF0443788	
11	SAMBHU DAS	LT. PASUPATI DAS	23, PATHBARI LANE										EWS	General	Male	WB/20/137/231530	
12	LAXMI MUKHERJEE	SOMNATH MUKHERJE	21/1, PATH BARI LANE										EWS	General	Female	TB10538546	
13	SANDHYA DAS	KAMAL KUMAR DAS	22/1 PATH BARI LANE										EWS	General	Female	KTF4731501	
14	SUBHADRA DAS	SUDARSHAN DAS	33/2/A PATH BARI LANE										EWS	General	Female	KTF0403600	
15	KAJAL SADHU	ASHIM SADHU	27/2 PATH BARI LANE										EWS	General	Female	WB/20/137/231744	



Chairman  
Baranagar Municipality

Email:- purosabha\_baranagar@yahoo.co.in  
Phone:- 2577-6595 / 2577-0012  
Fax:- 2577-1071

# BARANAGAR MUNICIPALITY

87, DESHBANDHU ROAD (EAST), KOLKATA – 700 035


Memo No.

DATE:

EXTRACT COPY OF THE MINUTES OF THE METTING OF  
THE BOARD OF COUNCILLORS OF BARANAGAR  
MUNICIPALITY HELD ON-17.11.2015 VIDE ITEM NO—12  
(b)

The councillors considered the DPR of 2015-2016 under PMAY  
Housing for All Scheme and after due discussion the councillors  
unanemously approved the aforesaid DPR

Sl no	Component	Probable cost
1.	70 nos Dwelling unit with infrastructure (Drain and concrete road)	Rs.283.36

  
Chairman  
Baranagar Municipality

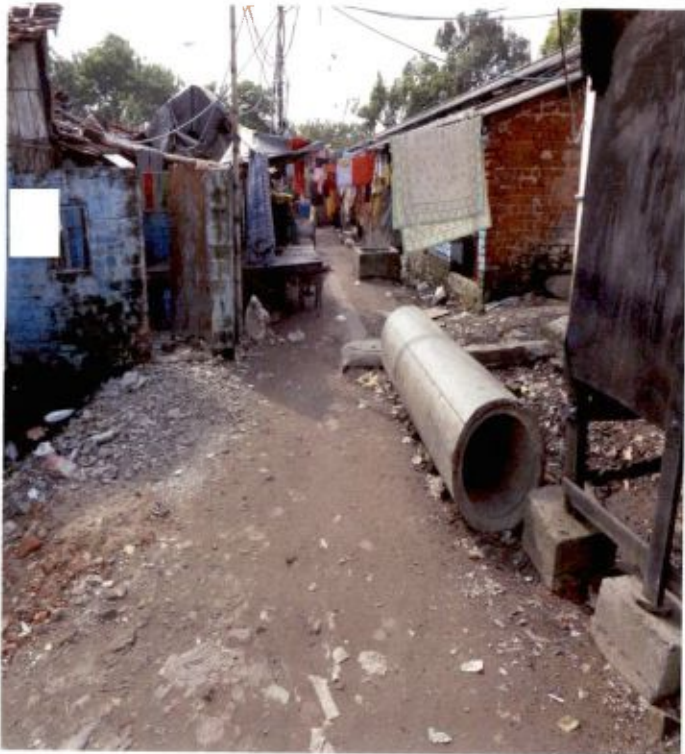


## TOTAL LIST OF SLUMS FOR 2015 - 2022

Sl no	Ward Number	Slum Code	Slum Name
1	33	111	129,PRAMANIK GHAT ROAD
2	30	015	340 To 344 M. N. K. ROAD (N)BUSTEE
3	30	011	A.I. DAWN BUSTEE - I
4	4	089	AMBEDKAR COLONY
5	18	083	ARUN MONDAL PALLY
6	4	032	BARA BAGAN BUSTEE
7	33	002	BARANAGAR BAZAR BUSTEE
8	1	086	BHARAT PALLY
9	29	016	BIHARILAL PAL BUSTEE
10	18	104	BIRESWAR NAGAR
11	20	073	BITHI DEY BUSTEE
12	8	035	CHATTERJEE BAGAN BANGAL PARA BUSTEE
13	7	030	DESHBANDHU BUSTEE
14	20	109	EGAROPALLY
15	17	049	FORWARD COLONY
16	6	067	FULURI GALI BUSTEE
17	20	040	GHORA BAGAN BUSTEE
18	7	028	GOBAR PARA & AMTALA BUSTEE
19	6	065	GUBGALI BUSTEE
20	31	005	H. K. TAGORE STRAND BUSTEE
21	10	022	HARIJAN BUSTEE I
22	10	023	HARIJAN BUSTEE -II
23	6	025	HARIJAN BUSTEE
24	18	084	INDIRA NAGAR RAJIV NAGAR BUSTEE
25	4	069	JHIL BAGAN BUSTEE
26	4	068	K K TAGORE ROAD BUSTEE-II
27	4	031	K.K. TAGORE ROAD BUSTEE I
28	1	057	KALI MATA BUSTEE
29	6	095	KATHGOLA BASTI
30	10	021	MAJHER BAGAN BUSTEE
31	31	010	MALA PARA BUSTEE
32	18	085	MANARANJAN NAGAR BUSTEE A & B
33	19	043	MANNA PARA BUSTEE
34	17	047	MATSAJIBI COLONY
35	18	108	METRO PALLY (S-108)
36	17	079	N.C. DAS ROAD BUSTEE
37	18	053	NABA PALLY
38	31	006	NANDALAL BUSTEE
39	1	060	NARAN PALLY
40	29	017	NEOGI PARA BUSTEE
41	17	048	NEW FORWARD COLONY
42	18	054	NEW NAW PARA I
43	18	081	NEW NAW PARA II
44	25	003	NEW TARUN BUSTEE
45	1	061	NIRANJAN SEN NAGAR BUSTEE
46	18	051	NRISINGHA NAGAR - B
47	18	080	NRISINGHA NAGAR A
48	3	072	RAJABAGAN SCHOOL LINE BUSTEE
49	31	007	RAM SITA GALI BUSTEE
50	6	024	S. P. BANERJEE BUSTEE-I
51	6	026	S.P. BANERJEE ROAD BUSTEE
52	17	050	SANTAL BAGAN BUSTEE
53	18	102	SARADA PALLY (S-102)
54	15	100	SARBA HARA COLONY
55	31	008	SAROJ PALLY
56	1	062	SATIN SEN PALLY
57	18	107	SHANTI PALLY
58	7	029	SHIBTALA BUSTEE
59	17	076	SRI PALLY BUSTEE I
60	17	077	SRI PALLY BUSTEE II
61	1	078	SRI PALLY BUSTEE III
62	18	75	SUBHAS PALLY BUSTEE - II
63	1	059	SUKANTA PALLY
64	4	090	SURYA SEN ST
65	33	001	TANTI PARA BISTEE
66	3	087	U.B.COLONY



**EXISTING PHOTO OF KALIMATA COLONY**





**EXISTING PHOTO OF NEOGIPARA ROAD BUSTEE**





**EXISTING PHOTO OF S P BANERJEE ROAD BUSTEE**

