Ausing For All by 2023

## DETAILED PROJECT REPORT

Pradhan Mantri Awas Yojana (PMAY)

BENEFICIARY-LED-CONSTRACTION

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**Presented By:** 

Municipal Engineering Directorate Dept. of Municipal Affairs Govt. of West Bengal

## **ACKNOWLEDGEMENT**

We hope that the Detailed Project Report for the Scheme of Housing For All by 2022 (Pradhan Mantri Awas Yojana), prepared by us. for Sonamukhi Municipality, will usher in progress and embrace all and sundry to ensure their all round development. We dedicate the Scheme to the common people with whom, through demand survey, we have endeavored to chisel out this plan to perfection. We wish to thank State Urban Development Agency, M. E. Dte., Govt. of West Bengal, Govt. of India for their thoughtful contribution towards rendering an optimistic work in all its full fledge glory. The councilors, ward committee members, and municipal employees of Sonamukhi are to be lauded, without whose help, this huge task, would have come to naught. Last but not the least Executive Officer- Sri Nirmalendu Mukherjee, Urban Planner- Sri Biplab De, S.A.E- Sri Dibyendu Dey & Tapan Kumar Ghosh, I.T. Coordinator- Partha Sarathi Das, Debasish Das, Prosenjit Pal, Susanta Banerjee, Rajkumar Ghosh, must be praised for their open-minded approach and dedication. Without their consummate support, for whom and by whom the D.P.R. has been astutely shaped, the development plan 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 Detailed Project Report for the Scheme of Housing For All by 2022 (Pradhan Mantri Awas Yojana) would shine forth like a bright gem in the darkest nook and corner of every household, and also act like a strong wind waving off the iceberg of incipient maladies that eat into the vitals of societal development.

Estd-1880

Sonamukhi Municipality
Sonamukhi Municipality

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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 Yojona (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 739 nos from 50 nos slum and 50 nos of Non Slum projected for the year 2015-16.

Total cost of the project is **Rs. 2991.47 lakhs** as per relevant department & P.W.D. schedule of rates.

## **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
ВМТРС	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
СРНЕЕО	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
ПТ	Indian Institute of Technology	ULB	Urban Local Boday
IS	Indian Standard	UT	Union Territory

## **Introductory Note by Chairman:**



As a chairperson of the one of the oldest town of West Bengal – Sonamukhi – it is a pleasure for me to bring this Housing For All by 2022 Plan of Action under the programme of Pradhan Mantri Awas Yojana (PMAY): Urban.

We have prepared our Plan of Action by the base on demand survey (housing for all), USHA & SECC and in consultation with the all Councillors under this municipal town, employees of our

Municipality. We have identified their demand and bottlenecks and prepared our plan keeping in mind the scenario of the above community.

I hope this Plan of Action will usher a new era of Planning of housing for urban citizens in the town Sonamukhi. It is true to fact that human rights and civil liberties are of little use to a starving people, not equivocally though. Because in the chronicles of time it has been proved that mass want both rights and better living. Sonamukhi Municipality merely promises to be active. It envisages spreading reforms to the grass root level through quicker disposal of pending projects. It is our belief that social conditions are greatly influenced by economic factors. Therefore, our foremost aim to lesson poverty by addressing the concerns of the underprivileged community.

It is true that spectacular result oriented Plan of Action of Housing for all by 2022 involves long term perspective and achieved slowly through participatory process. It should have a solid foundation for progress to make easy in roads into the system. Resources may be scare in comparison to our desire for a happy, idyllic settlement. But we hope that in the near future our pervading and all-inclusive dream will include each and every household of Sonamukhi.

## City Profile and Overview:

## **Municipal Vision**

Sonamukhi Municipality aims at a Eco-friendly, socially, culturally and economically vibrant town where all citizens live healthy and inspired life, through increasing opportunity to avail basic services and civic amenities by the citizen and improvement of urban infrastructure and management by sufficiently strong and efficient city administration.

#### **HISTORY**

Sonamukhi became the third municipality of Bankura district in 1886. With the creation of Bankura town and district in 1881, Sonamukhi became its part in the same year. At the time of creation of the municipality, there were 5 wards and this urban area had a population of 5000 which has increased to 29085 at present (2011 Census). The number of wards have also increased to 15. Even though the population growth has not been very high because of the present economic downturn in the region Sonamukhi was once a prosperous, populous and thriving economy of the region as recorded in history.

#### A Historical and Cultural Profile -Sonamukhi

Sonamukhi was just a village during the prea Aryan era and gained prominence as a 4riori for *Jain* and *Buddhist* cultures during the Pal Dynasty (7<sup>th</sup> – 10<sup>th</sup> century). This is possible the time when the town emerged. The name Sonamukhi originated from the name of the village Goddess *Swarnamoyee*.

In the 17th century, Sonamukhi had a flourishing handloom industry and trade. In the first half of the 19th century, the fate of Sonamukhi started to decline. With the initiation of the Permanent Settlement by Lord Cornwallis thousands of farmers lost their land and extreme poverty plagued the society. The market for textile products was completely destructed. The handloom industry lost its entire luster in the early period of the nineteenth century due to its limitless torture and exploitations on the handloom workers by the East India Company. Around the same time a certain section of people who bought land from the poor farmers and appeared East India Company suddenly became rich and declared themselves as Zaminders. These people constructed many temples and structures

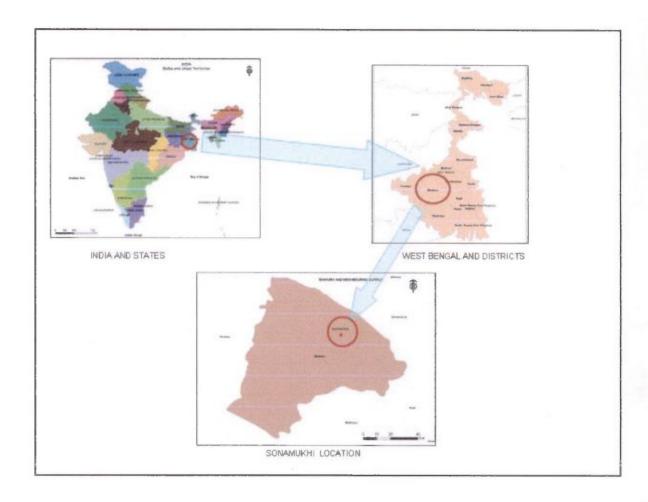
The affluence of the people at different times have been chanelised into art and culture. The presence of number of Shib temples like *Shidheswar Shib*, witness the influence of *jain* religion. The influence of *Sri Chaitanya* is evident from the pujas of *Govindji*, *Shyansunder*, *Gopinath* etc. A number of festivals is celebrated in the town. The most significant of them is the *Kali-Kartik puja*, *Shidheswar Shib Mela*, Raasyatra, Mohotsab etc.

#### Year of Establishment:-

Our Municipality constituted on 01/04/1886.

#### Administrative Boundaries:-

**Sonamukhi** is a town and a Police station in Bankura District in the Indian state of West Bengal. Sonamukhi is located at 23.3° N, 87.42° E. Sonamukhi is situated in the northeastern part of the Bankura district and is 44 kms away from the District headquarter Bankura. The total area of Sonamukhi municipality is 8.557 sq. Km. comprising 15 wards, 51 slum pockets, 8 Mouzas, 8000 holdings and 29083 populations (Census-2011).



### Linkages of Rail, Road, Port and Air:-

The town is well connected with its hinterland by roads. The state highway connects it with Bankura, and Burdwan. The sub divisional town of Bishnupur is also connected by road. The industrial town Durgapur is very close to Sonamukhi connected by roads. There has been an ongoing project of extending the railway from Bankura to Mashagram via Sonamukhi. In September 2005, South-Eastern Railway threw open passenger services on the 41 km long Bankura-Sonamukhi broad gauge section, being the first phase of Bankura-Damodar River Railway Project. BDR Project entails extension from Sonamukhi to Raina (19.8 km) and then on to Masagram, providing direct connectivity to Howrah through Eastern Railway. Work is in progress (in 2007) in the Sonamukhi Raina Section.

#### **Economic Activity:-**

The economy of the town is not solely dependent on agriculture. However, it is a good service center for agricultural products. Industries are almost nonexistent except few four mills and rice mill in the surrounding regions. A major portion of people is engaged in cottage industry. Fishing, poultry and handloom are other economic activities in the area.

### **Demographic Growth and Population Projection**

Sonamukhi is not very densely populated place. Except the central congested stretch, other wards contain significant amount of agricultural land and thus less holding. The population of the town is 29083 as per 2011 census. The population growth over the last 2 decades and the population projection is presented in the graph below.

Table: 1.A: Population and decadal growth rate

	Popu	lation as per	census repo	rt	Dec	adal gro	owth rate	
1991	2001	2011 (Projected)	2021 (Projected)	2031 (Projected)	1991- 2001	2001- 2011	2011- 2021 (Projected)	2021- 2031 (Projected)
24642	27348	29083	39710	50337	11%	11%	13%	13%

Source: Census data

**Chart 1: Population Projection** 

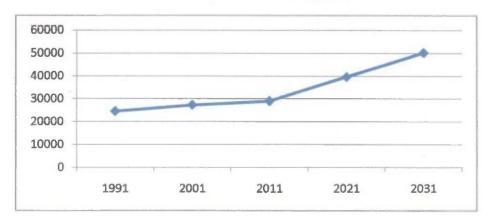


Table 1. B: Ward wise population

Ward No.	Total	Male	Total	Female	Grand	Total
wara no.	2001	2011	2001	2011	2001	2011
1	1123	1208	1187	1140	2201	2348
2	1329	1389	1278	1333	2607	2722
3	1042	1040	984	985	2026	2025
4	1094	982	1072	1003	2166	1985
5	1008	1101	937	1049	1945	2150
6	849	874	836	859	1685	1733
7	482	482	457	435	939	917
8	945	1064	965	1001	1910	2065
9	981	1035	1003	949	1984	1984
10	845	839	845	805	1690	1644
11	829	877	789	805	1618	1682
12	867	1090	738	991	1605	2081
13	821	1110	832	1112	1653	2222
14	625	725	592	691	1217	1416
15	1173	1172	929	939	2102	2111
Total	14013	14988	13335	14097	27348	29085

Source: municipality own source and census report

**Chart 2: Ward wise Male Female Population Distribution 2001** 

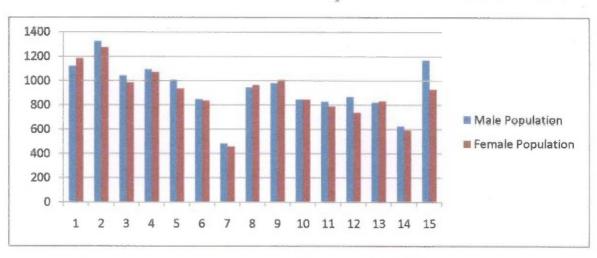


Chart 3: Ward wise Male Female Population Distribution 2011

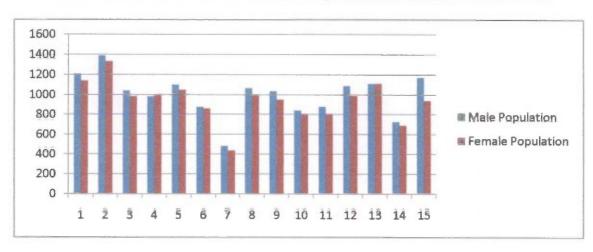


Table 1. C: Ward wise Households, Caste & Literate population

Ward No.	Total HHD	Total Population	SC population	ST population Person	Literates Population Person	Illiterate Persons
1	525	2348	1021	52	1608	740
2	644	2722	418	3	2264	458
3	457	2025	491	0	1536	489
4	427	1985	504	1	1586	399
5	471	2150	618	0	1790	360
6	369	1733	662	0	1325	408
7	185	917	8	0	853	64
8	451	2065	330	1	1564	501
9	414	1984	351	57	1558	426
10	323	1644	7	3	1467	177
11	347	1682	70	0	1454	228
12	497	2081	299	59	1719	362
13	515	2222	498	113	1770	452
14	318	1416	979	0	743	673
15	436	2111	480	164	1791	320
All	6379	29085	6736	453	23028	6057

#### **Places of Interest**

There are several temples that attract the pilgrimage come in different places of west Bengal to Sonamukhi Municipality as it is historically popular place marked in geographical location in India.

#### **Local Festivals**

- Monohardas Mohatshob
- Kali Puja,
- Kartick Puja
- Durga Puja
- Kusum-Haranath Utshab
- Mansha Puja
- Mohoram etc

### **Traditional Arts/Crafts**

Sonamukhi Municipality has started functioning from 01-04-1886. This Municipality is a small town. Handloom Works is the main occupation of the inhabitant of this Municipality. The minority population is very negligible near about 1% of the total population. The BPL families are 2852 nos. about 45% of total population are EWS households including BPL, minorities, SC, ST. Sanitation facilities specially in slum areas is very poor. To develop the situation of poor the scheme will be applicable for Sonamukhi Municipality.

#### Climate

The District experiences a climate which is transitional. Average temperature in the hot season is near about 30° C while at the cold season is 20°C and the average rainfall is 1500 millimeter. The cold season starts from about the middle of November and continues till the end of February. March to May is dry summer intervened by tropical cyclones and storms. June to September is rainy season while October and November are autumn.

#### Soil and ground quality

Environmental degradation also affects soil fertility, quantity and quality of water, forests, wildlife and fisheries. The degradation of land, through soil erosion, alkali-salinization, water logging, pollution, and reduction in organic matter content has several proximate and underlying causes. The proximate causes include loss of forest and tree cover, unsustainable grazing, excessive use of irrigation, improper use of agricultural chemicals, and disposal of industrial and domestic wastes on productive land.

#### Condition of heritage structure in the locality

Manmade heritage reflects the prehistory, history, ways of living, and culture, of a region. In the case of India, such heritage is at the core of our national identity. At the same time, considerable economic value, and livelihoods may be derived from conservation of manmade heritage and their sustainable use, through realization of their tourism potential. Heritage sites may be impacted by pollution.

There are a number of heritage building in the municipality especially of terracotta structures, which are both historical, cultural and architectural importance.

## Housing and Physical Infrastructure profile:

Housing profile

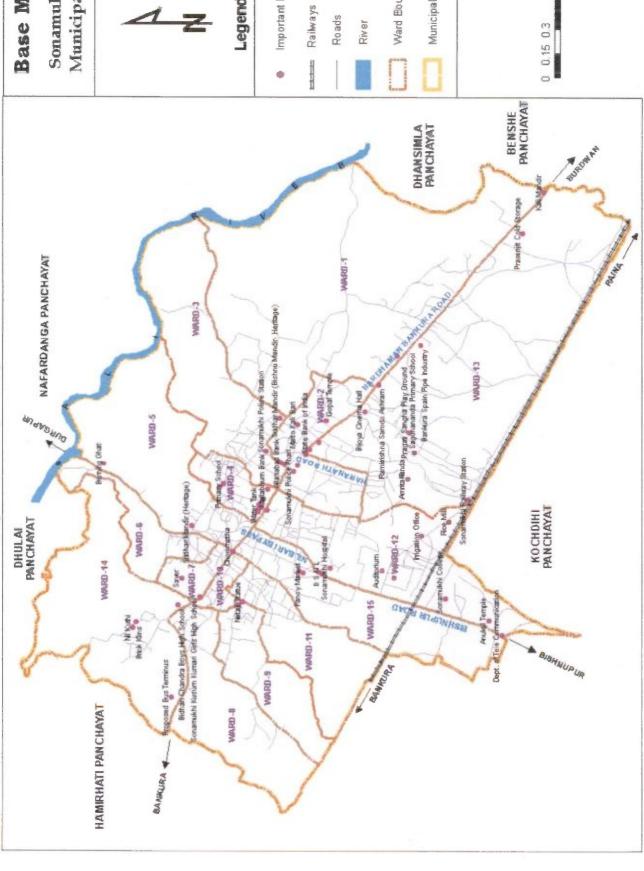
IHSDP and Housing for Urban Poor:-

The following table gives ward-wise construction of urban poor houses planned during 2007-08 till date under IHSDP and Housing for Urban Poor

Table 2: Number of Housing proposals under different projects

Ward No	IHSDP	Housing for Urban Poor	Total
1	17	5	22
2	18	5	23
3	15	5	20
4	11	4	15
5	14	4	18
6	07	5	12
7	10	7	17
8	16	4	20
9	13	6	19
10	03	4	7
11	13	6	19
12	20	4	24
13	16	6	22
14	15	5	20
15	12	6	18
Total	200	76	276

Source: Sonamukhi Municipality



Municipality Sonamukhi



Legend

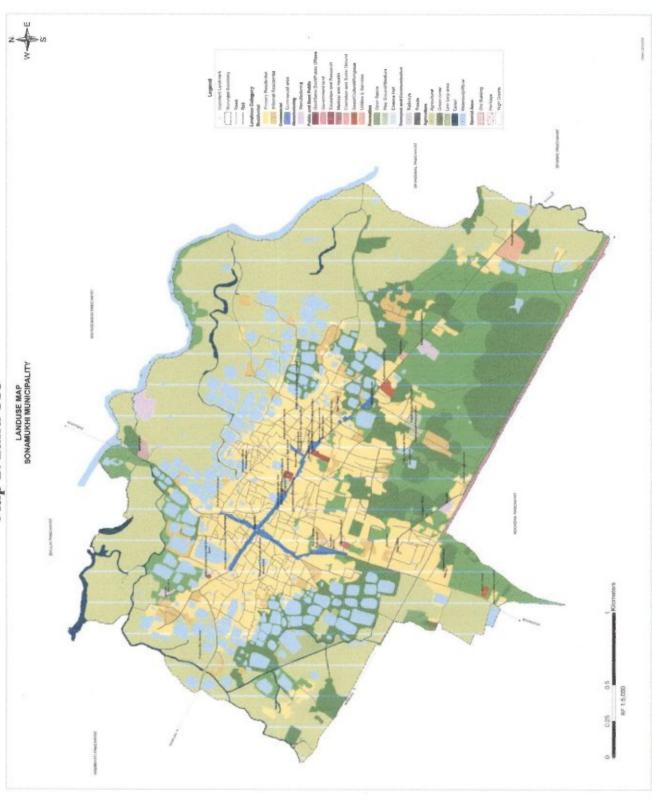
Important Landmark

Roads

River

Ward Boundary

Municipal Boundary



# **Assessment of Present Status of Slums:** Slum Profile and its Location:

Table 3: Slum wise Population (including Caste)

Slum	Notified/ Non-Notified	Total No. of Households	Total Population	SC	ST	ОВС	Others
AMALNAGAR(S.C040)	Notified	234	873	296	17	48	512
GANGONIDANGA(S.C002)	Notified	226	930	558	2	0	370
ADRAB BAZAR(S.C030)	Notified	78	278	158	68	0	52
LOHAR PARA(S.C003)	Non-Notified	59	210	182	0	0	28
MOLDANGA(S.C001)	Notified	32	132	108	0	0	24
MAJHI PARA(S.C004)	Non-Notified	36	162	124	0	0	38
BARUI PARA(S.C005)	Non-Notified	69	277	69	8	131	69
Bauri Para(S.C006)	Notified	40	165	73	0	0	92
Goswami Para(S.C007)	Non-Notified	29	129	0	0	0	129
Bauri Para(S.C008)	Notified	22	89	89	0	0	0
Thandar Para(S.C009)	Notified	34	155	145	0	5	5
Mete Para(S.C010)	Notified	38	159	141	0	0	18
Chunri Para(S.C011)	Notified	27	104	99	0	5	0
Khayra Para(S.C012)	Non-Notified	32	126	80	0	4	42
Gabale Para(S.C013)	Notified	59	216	216	0	0	0
Danga Para(S.C014)	Non-Notified	27	98	98	0	0	0
Bagan Para(S.C015)	Non-Notified	78	282	181	0	65	36
Lohar Para(S.C016)	Notified	76	328	223	0	3	102
Dhibor Para(S.C017)	Non-Notified	72	293	252	0	0	41
Bauri Para(S.C018)	Notified	49	197	197	0	0	0
Ankure Para(S.C019)	Notified	90	389	302	0	11	76
Muchi Para(S.C020)	Notified	40	144	64	0	0	80
Dhibor Para(S.C021)	Non-Notified	26	113	62	0	10	41
Mali Pukur(S.C022)	Notified	145	596	591	0	0	5
Rakshakali Tola (S.C023)	Non-Notified	87	375	158	0	0	217
Chandra Goli(S.C024)	Non-Notified	33	126	2	0	0	124
Kumor Para(S.C025)	Non-Notified	23	87	0	0	0	87
Sayer Parh(S.C026)	Non-Notified	20	86	18	0	0	68
Naifela(S.C027)	Notified	68	237	237	0	0	0
Hanri Para(S.C028)	Non-Notified	26	97	97	0	0	0
Sutradhar Para(S.C029)	Non-Notified	42	147	6	0	122	19
Bauri Para(S.C031)	Notified	73	241	159	0	0	82
Kumor Para(S.C032)	Non-Notified	28	108	0	0	0	108
Ratan Ganj(S.C033)	Non-Notified	32	126	0	0	0	126
Bara Akhra(S.C034)	Notified	32	130	34	0	0	96
Tematha Kalitola(S.C035)	Non-Notified	63	231	33	0	4	194
Mal Para(S.C036)	Notified	50	196	65	0	9	122
Thandar Para(S.C038)	Non-Notified	57	215	107	0	7	101
Konra Para(S.C039)	Notified	23	103	22	70	0	11
Kabar Danga(S.C041)	Notified	31	119	88	0	3	28

Total	Total	2862	11333	6863	165	631	3674
SWEEPERS COLONY(S.C 043)	Non-Notified	23	104	79	0	0	25
Hawkers Colony(S.C037)	Notified	38	145	64	0	3	78
Saha Para(S.C051)	Non-Notified	28	109	40	0	0	69
Das Para Bit Para(S.C050)	Non-Notified	29	132	3	0	85	44
Mal Para(S.C049)	Notified	55	200	109	0	16	75
Bauri Para(S.C048)	Non-Notified	72	301	209	0	0	92
Bagdi Para Tetultola(S.C 047)	Notified	167	708	609	0	55	44
Bauri Para Tetultola(S.C 046)	Notified	44	176	154	0	14	8
Bagdi Para Saheb Kuthi(S.C045)	Notified	48	186	164	0	22	0
Bauri Para Saheb Kuthi(S.C044)	Notified	21	82	68	0	9	5
Khal Para(S.C042)	Notified	31	121	30	0	0	91

Source: USHA Survey

Format for Project under Beneficiary led Construction or Enhancement

1	Name of the State				Γ BENGA		
2	Name of the City				namukhi		
3	Project Name				G FOR		
4	Project Code			HOUSIN	Grok	· LL	
5	State Level Nodal Agency			-	SUDA		
6	Implementing Agency / ULB'		SONA			IDAL PEN	
7	Date of approval by State Level sanctioning and Monitoring Committee (SLSMC)	SONAMUKHI MUNICIPALITY					
8	Project Cost ( Rs in Lakhs)			20	91.44		
9	No of Beneficiaries covered in the project	Gen	SC	ST	ОВС	Minority	7
10	(i) No of Beneficiary ( New Construction )	322	304	2	104	7	7
	(ii) No of Beneficiary (Enhancement )	0	0	0	0	0	1
11	Whether selected beneficiaries have rightful owner ship of the land?				Yes	0	
12	Whether the building plan for all houses have been approved?	Yes					
	(i) G.O.I grant required (Rs. 1.5 lakh per eligible beneficiary ) (Rs. in lakhs)			11	08.50		
10	(ii) State grant if any (Rs. in lakhs)			15	62.23		
13	(iii) ULB grant if anybody (Rs. in lakhs)				5.96		
	(iv) Beneficiary Share (Rs. in lakhs)	1			4.75		
	(v) Total (Rs. In lakhs)						_
14	Whether technical specification / design for housing have been ensured as per Indian slandereds /NBC/State norms?		2991.44 Yes				-
15	Whether disaster (earth quick, flood, cyclone, land slide etc.) resistance features have been adopted in concept design and implementation?			Y	'es		
16	Brief of project including any other information ULB/State would like to furnish.			Y	es		_

<sup>\*</sup>State will give code number to each project sanctioned under HFA as 'ABCDEFGHIJK' (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' project component code i.e. 'k' will be i-for in0situ-slum redevelopment 2 –for Relocation 3 for AHP and 4-for Beneficiary –led-

It is hereby confirmed that State /UT/ and ULB have checked all the beneficiaries as per guideline of HFA. It is also submitted that beneficiary has been selected for more than one benefit under the Mission including Credit Linked Subsidy Scheme (CLSS) composite Mission.

Signature

(ULB Level Nodal Officer)

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

Signature 1

Chairman, Sonamukhi Municipality

Chairman

Sonamukhi Municipality

Urban Planner Sonomutani Municipality

## HFAPoA and Prodhan Mantri Awas Yojana (Housing for All)

To give pucca house for every family is currently on the global agenda. One of the Millennium Development Goals (MDGs) is to 'achieve significant improvement in the lives of slum dwellers, by 2022. Similar goals are set forth by Pradhan Mantri Awas Yojana within year 2022, to create pucca house for every family.

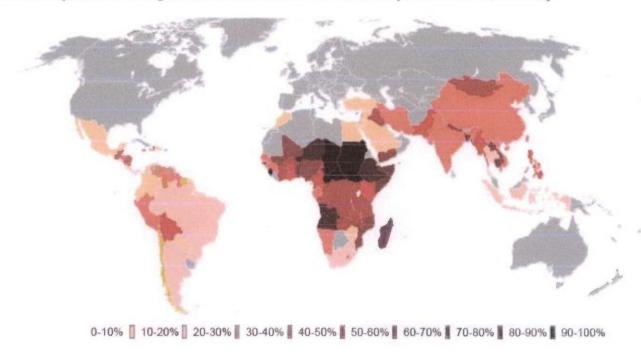
ULB undertake a demand survey through suitable means for assessing the actual demand of housing. While validating demand survey, Cities consider possible temporary migration from rural areas to the city just to take advantage of housing scheme and exclude such migrants from list of beneficiaries. On the basis of demand survey and other available data, cities prepare Housing for All Plan of Action (HFAPoA). HFAPoA contain the demand of housing by eligible beneficiaries in the city along with the interventions selected out of four verticals. The information regarding beneficiaries is collected by ULB in suitable. While preparing HFAPoA, ULB and Implementing Agencies also consider the affordable housing stock already available in the city as Census data suggests that large numbers of houses are vacant.

Bank account number and Aadhaar number/Voter ID card/any other unique identification details of intended beneficiaries or a certificate of house ownership from Revenue Authority of beneficiary's native district integrate in the data base of HFAPoA for avoiding duplication of benefit to one individual family. Beneficiaries are validated by ULBs thereby ensuring their eligibility at the time of preparation of the projects and approval of projects.

On the basis of HFAPoA, States/Cities subsequently prepare the Annual Implementation Plans (AIPs) dividing the task upto 2022 in view of the availability of resources and priority. For larger cities, HFAPoA and AIPs is prepared at sub-city (ward/zone etc.) level with the approval of concerned State/UT Government. The result of demand survey, draft HFAPoA and draft AIP is discussed with the local representatives including MLAs and MPs of that area so that their views are adequately factored in while finalizing the plans and beneficiary list.

Cities which have already prepared Slum Free City Plan of Action (SFCPoA) or any other housing plan with data on housing, utilize the existing plan and data for preparing "Housing for All Plan of Action" (HFAPoA). Houses constructed under various schemes should be accounted for while preparing HFAPoA

Urban Population Living in Slums and the Indian Scenario (source: UN-HABITAT)



The preparation of HFAPoA broadly involve Slum Development/Rehabilitation Plans based on

- a. Survey of all slums notified and non-notified;
- b. Mapping of slums using the state-of-art technology;
- c. Integration of geo-spatial and socio-economic data; and
- d. Identification of development model proposed for each slum.
- 1. Base maps to an appropriate scale would be a pre-requisite for the preparation of Slum Development Plan/Slum-free City Plan. States/UTs may need to proceed in the following steps for the preparation of \$\frac{9}{2}\text{um-free City Plans.}
- 2. Securing CARTOSAT II/latest satellite images from NRSC/ISRO and preparation of base maps for the whole city and its fringes using the images;
- 3. Identification and inventory of all slum clusters of all descriptions in the urban agglomeration with the help of satellite image and other available data;
- 4. Inventory of all possible vacant lands in each zone of the urban agglomeration that could be used for slum development/rehabilitation development purposes;
- 5. Development of Slum Map of every slum within the city and its fringes using GIS with CARTOSAT II images, ground level spatial data collected through total station survey, collating spatial information with respect to plot boundaries, network of basic infrastructure like roads, sewerage, storm drainage and water lines, etc and superimposing this on the satellite image and importing them into GIS platform as the first step towards the preparation of Slum Development Plans and Slum Free City Plan.
- 6. This may be undertaken with the help of technical partners of NRSC/ ISRO/other technical institutions.
- 7. Identification and engagement of Lead NGO/CBO to guide and anchor community mobilization for the purpose of slum survey, (May be more than one NGO/CBO in different slum zones) of the city. These Lead NGOs/CBOs should also be associated in slum survey operations and dialogues for preparation of slum level development plans;
- 8. Conduct of Slum Survey based on the detailed formats (with or without changes) prepared by the Ministry of Housing & Urban Poverty Alleviation with the help of National Buildings Organization (NBO) after due training of trainers, training of survey personnel /canvassers and canvassing. It would be helpful for community mobilization to pick as many canvassers from the sourced slum or nearby slum pockets;
- 9. Collection of bio-metric identification data of slum dwellers based on the above survey (subject to guidelines issued by Unique Identity Authority of India (UIDAI));
- 10. Entry of data from Slum Surveys in the web-enabled MIS application (to be provided by Ministry of HUPA), compilation and collation of data, preparation of Slum-wise, City and State Slum Survey Database and Baseline Reports. The MIS will assist in developing a robust Slum

and Slum Households Information System. (Guidelines and software for development of the MIS will be issued by the Ministry of HUPA);

11. Integration of Slum MIS with GIS Maps to enable the preparation of GIS-enabled Slum Information System that is to be used for the preparation of meaningful Slum Development Plans and Slum-free City Plan using a city-wide/zone-based approach. (Guidelines and software for development of GIS platform and its integration with the MIS will be issued by the Ministry of HUPA);

#### Introduction to Prodhan Mantri Awas Yojana (PMAY)

Pradhan Mantri Awas Yojana (PMAY), a path breaking scheme for the slum dwellers and urban poor envisages a 'Pucca house to every family' through encouraging States to tackle the problem of slums in a holistic manner. It calls for a multi-pronged approach focusing on:

- > Bringing existing slums within the formal system and enabling them to avail of the same level of basic amenities as the rest of the town.
- > redressing the failures of the formal system that lie behind the creation of slums.
- Tackling the shortages of urban land and housing that keep shelter out of reach of the urban poor and force them to resort to extra-legal solutions in a bid to retain their sources of livelihood and employment.
- ➤ Enactment of a set of reforms at the state and city level related to inclusive planning, regulation and financing, which would ensure that adequate fresh housing stock and services get created on an ongoing basis to address both current and future needs of cities.
- An integrated approach covering shelter, services and livelihoods for poor slum communities.

#### The duration of Pradhan Mantri Awas Yojana [PMAY] 2015 TO 2022

## Eligible Components of the PMAY:

#### **Allotment of Houses**

Allotment of dwelling units will be in the name of the female member of the. Alternatively, it can be allotted in the name of husband and wife jointly. Ownership of land required for every Beneficiary.

A EWS 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 to be eligible to receive central assistance under the mission. 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.

Following infrastructure will be considered for support under PMAY:

- 1. Water connection & Toilet facilities
- 3. 24 x 7 Electric facilities & Roads

#### **Need for Projects**

This development project models will give benefits in the city. One of the key objectives of developing the Projects is to incentivize innovation and encourage new approaches and solutions that can demonstrably improve the quality and quantity of shelter and services for the poor.

Such innovation could encompass:

- Projects with strong community participation i.e. Slum upgradation/ redevelopment projects initiated/spearheaded by the community; or with their demonstrable involvement and participation in design, planning and implementation
- New models of public-private partnerships whereby the private sector can be encouraged to take up affordable housing for the EWS/LIG.
- Innovations in planning, demonstrating integrated livelihoods, shelter and services; or convergence.
- Innovative or cost effective and green building design and technologies.
- Financial innovations in delivering the city/state wide programme.

## **Aims and Objectives**

#### Vision

The mission seeks to address the housing requirement of urban poor including slum dwellers through following programme verticals:

- Slum rehabilitation of Slum Dwellers with participation of private developers using land as a resource
- $\bullet \ Promotion \ of \ Affordable \ Housing \ for \ weaker \ section \ through \ credit \ linked \ subsidy$
- Affordable Housing in Partnership with Public & Private sectors
- Subsidy for beneficiary-led individual house construction

#### **Objectives**

The project has been designed keeping in mind the following objectives.

- Integrated development of all existing slums, notified or non-notified, i.e., development of infrastructure and housing in the slums/rehabilitation colonies for the slum dwellers/urban poor, including rental housing.
- Development/improvement/maintenance of basic services to the urban poor, including water supply, sewerage, drainage, solid waste management, approach and internal road, street lighting.

- The Creation of affordable housing stock, including rental housing with the provision of civic infrastructure and services, on ownership.
- Encouraging Public Private Partnership by having pay and use toilets and educate the slum dwellers for keeping the environment clean and hygienic.

#### State PMAY Mission Director

The Nodal Ministry and National Mission Directorate is Ministry of Housing & Urban Poverty Alleviation, Government of India.

The Nodal Department for West Bengal is Municipal Affairs Dept. (M.A. Department), Government of West Bengal. The state level Nodal Agency is State Urban Development Agency (SUDA) under M.A. Department. State Urban Development Agency was set up in 1991 with a view to ensuring proper implementation and monitoring of the centrally assisted programmes for generating employment opportunities and alleviation of poverty throughout the State. SUDA is a Society registered under the West Bengal Societies Registration Act, 1961.

#### **Funding Pattern of PMAY**

Funding pattern for PMAY(Housing for all)

- Central share 1.5 LAKHS of total cost of dwelling unit
- Beneficiary share 0.25 LAKHS of total cost of dwelling unit
- State share rest of total cost of dwelling unit
- State + ULB bear the cost of infrastructure
- State share for infrastructure to be minimum 5%
- ULB share for infrastructure to be minimum 5%
- Cost of infrastructure 10 % of sum total cost of dwelling unit
- Approvals & Release of Funds
- Releases and approvals to be on the basis of DPRs which need to be submitted with approval of State Level Sanctioning and Monitoring Committee
- Innovative projects to be considered for sanction even in the preparatory stage.
- Central Funds to be released in three installments to the State Governments/SLNA; central
  assistance under different components will be released to the state / UTs after the approval
  of CSMC and with concurrence of the integrated Financial Division of the Ministry. Central
  share would be released in three installment of 40%,40% and 20% each.

## **Project Cost and Financing Strategy**

## For Dwelling Unit

Total no of Dwelling unit = 739 Nos.

Rate per Dwelling unit = 3.68 Lakhs

Total Cost of Dwelling unit =  $739 \times 3.68 = 2719.52$  Lakhs

Central Share = 739 x 1.5 Lakhs = 1108.50 Lakhs

State Share = 739 x 1.93 Lakhs = 1426.27 Lakhs

Beneficiary Share = 739 x 0.25 Lakhs = 184.75 Lakhs

ULB Share = NIL

#### For Infrastructure

10 % of total Dwelling unit cost = 2719.52 Lakhs x 10% = 271.95 Lakhs

Central Share = NIL

State Share = 50% x 744.096 Lakhs = 135.956 Lakhs

Beneficiary Share = NIL

ULB Share = 50% x 744.096 Lakhs = 135.956 Lakhs

The total project cost will be 29.9147 crores

Out of these 81.85 Crores is the cost of Housing Infrastructure. The following table shows the share of cost between housing infrastructure & Physical Infrastructure.

Table: Cost Break up between Housing & Infrastructure

SINo.	Component	Cost on Lakhs	
1.	Housing Cost of 739 Dwelling Units	2719.52	
2.	Infrastructure Cost	271.95	
Total		2991.47	

#### Materials of construction:

- > PCC (1:3:6) for foundation
- ➤ RCC M-20 for substructure & superstructure (Column, Beam, Slab)
- > HYSD Steel
- > 1st Class Brick Masonry
- 1:6 (Cement: Sand) plaster 10 mm on soffit of beam & slab, 15 mm on internal walls & 20 mm on external walls
- > IPS flooring

## **Definition of Slum for Housing**

Different definitions of a slum exist in different statutes and in urban poverty literature. For the purpose of HOUSING SCHEME, it is proposed to adopt the definition given in the 2001 Census, which is as follows:

- a. All areas notified as 'Slum' by State/Local Government and UT Administration under any Act;b. All areas recognized as 'Slum' by State/Local Government and UT Administration, which have not been formally notified as slum under any Act;
- **'Slum'** or **'Slum Area'** is a compact settlement of at least 20 households ( For NE & Special Category States it is 10-15 households) with a collection of poorly built tenements, mostly of temporary nature, crowded together usually with inadequate sanitary and drinking water facilities in unhygienic conditions.

#### Situation Appraisal

The people living in the slums mostly have kutcha (10) and semi-pucca (186) housing. In certain cases where pucca housing is available, they are usually in dilapidated condition. The kutcha houses are in very poor condition and require extensive repairs. Most of the houses have tiles on roof. While during the survey some of the houses have been noted to be in average condition, the quality of these houses is also speedily deteriorating.

#### **Proposed Intervention**

In line with the vision to 'housing for all', an integrated housing programme is proposed to be implemented. The target will be all the slum /Non Slum dwellers in the pocket.

#### **Building Plan**

The buildings are proposed to cover an area of approximate 32 Sq.mt along with provision of 2 rooms, kitchen and sanitation facility. The layout, size and type design of housing dwelling units depends on the local conditions and the preferences of the beneficiary. The houses, has been designed in accordance with the desire of the beneficiaries, keeping in view the climatic conditions and the need to provide ample space, kitchen, ventilation, sanitary facilities, etc. and the community perceptions, preferences and cultural attitudes.

In line with the scheme, carpet area of the house will be not less than 25 sq. mts and preferably two room accommodation plus kitchen and toilet should be constructed.

## Compliance with Municipal Bye laws

All designs & drawings are created keeping in line with the municipal bye laws.

## **Building material**

- ✓ PCC (1:3:6) for foundation
- ✓ RCC M-20 for substructure & superstructure (Column, Beam, Slab)
- ✓ HYSD Steel
- ✓ 1st class Brick Masonry

- ✓ 1:6 (Cement: Sand) plaster 10 mm on soffit of beam & slab, 15 mm on internal walls & 20 mm on external walls
- ✓ IPS flooring

#### Structural Design

- Following are the general considerations in the analysis/design.
- > For all structural elements, M20 grade concrete and Fe 415 grade of steel is used.
- Plinth beams passing through columns are provided as tie beams.
- Pedestals are proposed up to ground level.
- > Beam Centre-line dimensions are followed for analysis and design.
- For all the building, walls of 250 mm and 125mm thick with 20 mm External plaster and 12 mm thick internal plaster are considered.
- Seismic loads are considered acting in the horizontal direction along either of the two principal directions.

#### Design data

- ➤ Live load: 2.0 kN/m2 at typical floor
- ➤ 1.5 kN/m2 on terrace (With Access): 0.75 kN/m2 on terrace (without Access)
- ightharpoonup Floor finish 50mm (0.05\*24) = : 1.2 kN/m2
- Ceiling plaster 12mm (0.012\*20.8): 0.25 kN/m2
- ➤ Partition walls (Wherever Necessary): 1.0 kN/m2
- ➤ Terrace finish: 1.5 kN/m2
- Earthquake load: As per IS-1893 (Part 1) 2002
- > Depth of foundation below ground: ,0.7 m
- Walls: 250 mm thick brick masonry walls at external and 125mm walls internal.
- > Reference codes:
- ➤ IS 456: 2000 Code of practice -Plain and Reinforced concrete.
- > IS:1893:2002 Criteria for Earthquake resistant design of structures(Part-1)
- ➤ IS: 13920: 1993 -Ductile detailing of Reinforced concrete structures subjected to seismic forces.
- > SP: 34 Hand Book on Concrete Reinforcement and Detailing.
- > S: 875: 1987 Code of practice for design loads (other than earthquake) for buildings and structures. (Part-2)

## Total List of Slums for 2015-2022

SI. No	Slum Code No	Name of the Slum	Ward No	Area of Slum (in sq.km.)
1	1	MOLDANGA	1	0.0099
2	2	GANGONIDANGA	1	0.0039
3	3	LOHAR PARA	1	0.0025
4	4	MAJHI PARA	1	0.0039
5	5	BARUI PARA	1	0.0036
6	6	Bauri Para	1	0.0145
7	7	Goswami Para	1	0.0043
8	8	Bauri Para	2	0.0046
9	9	Thandar Para	2	0.0044
10	10	Mete Para	2	0.0048
11	11	Chunri Para	2	0.01
12	12	Khayra Para	2	0.011
13	13	Gabale Para	3	0.003
14	14	Danga Para	3	0.005
15	15	Bagan Para	3	0.035
16	16	Lohar Para	4	0.010
17	17	Dhibor Para	4	0.005
18	18	Bauri Para	5	0.0062
19	19	Ankure Para	5	0.003
20	20	Muchi Para	5	0.007
21	21	Dhibor Para	5	0.007
22	22	Mali Pukur	6	0.003
23	23	Rakshakali Tola	6	0.005
24	24	Chandra Goli	6	
25	25	Kumor Para	7	0.011
26	26		7	0.003
27	27	Sayer Parh	8	0.0063
		Naifela		0.008
28	28	Hanri Para	8	0.008
29	29	Sutradhar Para	8	0.024
30	30	ADRAB BAZAR	9	0.015
31	31	Bauri Para	9	0.006
32	32	Kumor Para	10	0.003
33	33	Ratan Ganj	10	0.003
34	34	Bara Akhra	11	0.004
35	35	Tematha Kalitola	11	0.008
36	36	Mal Para	12	0.007
37	37	Hawkers Colony	12	0.005
38	38	Thandar Para	12	0.004
39	39	Konra Para	13	0.00
40	40	AMALNAGAR	13	0.010
41	41	Kabar Danga	13	0.009
42	42	Khal Para	13	0.006
43	43	SWEEPERS COLONY	13	0.012
44	44	Bauri Para Saheb Kuthi	14	0.003
45	45	Bagdi Para Saheb Kuthi	14	0.0035
46	46	Bauri Para Tetultola	14	0.00
47	47	Bagdi Para Tetultola	14	0.004
48	48	Bauri Para	15	0.003
49	49	Mal Para	15	0.0042
50	50	Das Para Bit Para	15	0.007
51	51	Saha Para	15	0.007

## **Town Features**

	Town Teatures	
1	Name of the District :	Bankura
2	Year of establishment :	1886
3	Area (in sq. Km):	8.557
4	No. of wards :	15
5	Distance from District Headquarter :	45 km
6	Population (census 2011):	
6.1	Male	14988
6.2	Female	14097
6.3	Total	29085
7	Density of Population (Per sq. km.) :	3399
8	Break up of Population (2011) :	
8.1	Scheduled Caste	6736
8.2	Scheduled Tribe	453
8.3	Minorities	N.A.
9	Date when last election held	30/05/2010
10	Assessment of Property:	
10.1	Total holdings	9035
10.2	Total no. of holdings whose assessment has been done	8500
10.3	No. of holdings to whom demand notice are issued	2634
10.4	Total demand for 2013-14	4186902
10.5	Total Collection for 2013-14	1312790
10.6	Year of Last assessment by West Bengal Valuation Board	2009-10
10.7	Year / quarter of Imposition of current Property Tax	2015/1st
		Qtr.
11	Literacy:	
11.1	Male	12700
11.2	Female	10328
11.3	Total	23028
11.4	Percentage of Literate Population(2011)	79.17
12	Number of BPL Household (as per SUDA Survey) :	2852
13	Scenario of Slum:	
13.1	Total No. of Slum	51
13.2	Total Slum Population (as per USHA survey)	11264
13.3	Percentage of Slum Population to the total population	38.73
13.4	No. of Slum where Slum Infrastructure Improvement sanctioned under BSUP/IHSDP	34
13.5	No. of Slum where Slum Infrastructure Improvement already done under BSUP/ IHSDP-	34
14	Housing status for Urban Poor :( as on 31.03.2014)	
14.1	No. of dwelling units targeted to be provided under BSUP/ IHSDP	200
14.2	No. of beneficiaries already provided with Houses under BSUP/ IHSDP	200
14.3	No. of beneficiaries provided with Houses under "Housing for Urban Poor"	60
15	Road:	
15.1	Length of Metalled Road (in km.)	44
15.2	Length of Non-Metalled Road (in km.)	20
15.3	Length of other Roads (in km.)	24
15.4	Total length of Road (in km.)	88
15.5	Total no. of wards fully covered with Metal / Cement Concrete Road	0
16	Drainage:	
16.1	Length of Kutcha Drain (in km.)	33.00
16.2	Length of Pucca Drain (in km.)	19.00
16.3	Length of underground / covered Drain (in km.)	3.76
16.4	Total length of Drain (in km.)	55.76
16.5	No. of wards fully covered with Pucca Drain	0
16.6	No. of wards partly covered with Pucca Drain	15
17	Water Supply : -	
17.1	No. of Water Treatment Plant	0

17.2	No. of Deep Tube well	7
17.3	No. of Hand Tube well	215
17.4	No. of Street Stand post	425
17.5	Length of Water pipeline (in kilometer)	36.54
17.6	No. of Underground Reservoir	2
17.7	No. of Overhead Reservoir	1
17.8	No. of wards fully covered with water supply pipeline	15
17.9	No. of houses connected with Water Supply Network	3034
17.1	Who is maintaining water supply – Municipality / PHE Dept./ KMDA / KMWSA	PHE Dept.
18	Sewerage and Sanitation :	
18.1	No. of sanitary latrine constructed	5
18.2	No. of family provided with Sanitary Latrine under ILCS + BSUP / IHSDP+ HUP (together)	200
18.3	No. of Community Latrine / Public Toilet	5
18.4	Length of Sewer Line (in kilometer)	Nil
18.5	No. of Sewage Treatment Plant (STP)	Nil
19	Solid Waste Management :	
19.1	No. of Dumping Ground, if any	1
19.2	No. of Landfill site , if any	2
19.3	No of Mechanical Sweeper, if any	Nil
19.4	No. of Compactors, if any	20
20	Street Light:	
20.1	No. of Light Post	2266
20.2	No. of High Mast Light Post	0
20.3	No. of Trident Light Post	0
20.4	No. of other Ornamental Light Post	0
20.5	No. of Wards covered with light posts	15
21	Health:	
21.1	No. of Hospital (ULB + Govt. + Others)	6
21.2	No. of Municipal Maternity Home	0
21.3	No. of Regional Diagnostic Centre	5
21.4	No. of Extended Specialist Out Patient Department (ESOPD) (IPP-VIII)	0
21.5	No. of Municipal Health Sub-Centre	3
21.6	No. of Municipal Health Administrative Unit (HAU)( IPP-VIII)	0
21.7	No. of Municipal Dispensaries	0
21.8	No. of Municipal Ambulances	1
21.9	No. of Hearse Car	0
22	Education:	
22.1	No. of Higher Secondary School (Municipal)	0
22.2	No. of Higher Secondary School (others)	3
22.3	No. of Secondary School (Municipal)	0
22.4	No. of Secondary School (others)	2
22.5	No. of Primary School (Municipal)	0
22.6	No. of Primary School (others)	30
22.7	No. of Sishu Siksha Kendras (SSK)	5
22.8	No. of ICDS Centre	15
22.9	No. of Junior High School	0
22.10	No. of beneficiaries under SC/ST scholarship	NA
22.11	No. of beneficiaries under Minority scholarship	NA
23	Other Infrastructure :	
23.1	Bridge	0
23.2	Flyover	0
23.3	Stadium	0
23.4	Parks	1
23.5	Playground	3
23.6	Auditorium/Community Hall	1
23.7	Borough Office	0

23.8	Ward office	0
23.9	ULB Market	2
23.10	Burning Ghat	3
23.11	Electric Crematorium	0
23.12	Burial Ground	1
23.13	Public Library	1
23.14	Bus Terminus	0
23.15	Ferry Ghat	0
23.16	Guest House/ Tourist Lodge	1
23.17	Road Roller	2
23.18	Cess Pool	2
23.19	No. of Slaughter House:	0
23.19.1	Municipal Slaughter House	0
23.19.2	Other Slaughter House	0
23.20	Others (Please specify)	0
24	Community Structure under SJSRY : -	
24.1	Total No. of CDS -	1
24.2	Total No. of NHC -	15
24.3	Total No. of NHG -	171
24.4	No. of Thrift & Credit Group (TCG)-	171
24.5	No. of SHG-	0
24.6	No. of DWCUA formed -	7
25	National Social Assistance Programme (NSAP) : -	/
25.1	No. of beneficiaries under Indira Gandhi National Old Age Pension Scheme (IGNOAPS)	883
<b>4</b> 5.1	No. of beneficiaries under indira Ganuni National Old Age Pension Scheme (IGNOAPS)	883
25.2	No. of beneficiaries under Indira Gandhi National Widow Pension Scheme (IGNWPS) -	1258
25.3	No. of beneficiaries under Indira Gandhi National Disability Pension Scheme (IGNDPS)	47
25.4	No. of beneficiaries under National Family Benefit Scheme (NFBS) -	9
26	No. of Annapurna Antodaya Yojana (AY) card holder : -	1080
27	No. of Annapurna Anno Yojana (AAY) card holder:-	60
28	No. of beneficiaries under Janani Suraksha Yojana (JSY) : -	145
30	No. of beneficiaries under KANYASHREE scheme: -	N.A
31	No. of beneficiaries under YUBASHREE scheme: -	N.A.
32	Municipal Staff( as on 01.04.2014) : -	
32.1	Total No. of sanctioned Post -	87
32.2	Actual Staff Strength(Regular) -	57
32.3	Actual Staff Strength(Contractual, not Casual) -	10
33	Registration of Births and Deaths during 2013-14 : -	10
33.1	Whether Birth & Death Certificate issued through e-governance System – Yes / No.	No
33.2	No. of Births Registered -	1474
33.3	No. of Birth Certificate issued -	1399
33.3.1	Male	754
33.3.2	Female	720
33.4	No. of Death Registered -	192
33.5	No. of Death Certificate issued -	200
33.5.1	Male	
33.5.2	Female	110
		82
34 34.1	Own Revenue (2013-14)(Rs in Lakh)  Tax Revenue	13.13
34.1	Non-Tax Revenue	4.18
34.3	Total Revenue	17.31
34.4	Percentage of collection of Own revenue to Budgeted (2013-14) Own revenue	31.35

# Assessment of Present Status of Slums: Slum Profile and its Location:

Table 3: Slum wise Population (including Caste)

Slum	Notified/ Non-Notified	Total No. of Households	Total Population	SC	ST	овс	Others
AMALNAGAR(S.C040)	Notified	234	873	296	17	48	512
GANGONIDANGA(S.C002)	Notified	226	930	558	2	0	370
ADRAB BAZAR(S.C030)	Notified	78	278	158	68	0	52
LOHAR PARA(S.C003)	Non-Notified	59	210	182	0	0	28
MOLDANGA(S.C001)	Notified	32	132	108	0	0	24
MAJHI PARA(S.C004)	Non-Notified	36	162	124	0	0	38
BARUI PARA(S.C005)	Non-Notified	69	277	69	8	131	69
Bauri Para(S.C006)	Notified	40	165	73	0	0	92
Goswami Para(S.C007)	Non-Notified	29	129	0	0	0	129
Bauri Para(S.C008)	Notified	22	89	89	0	0	0
Thandar Para(S.C009)	Notified	34	155	145	0	5	5
Mete Para(S.C010)	Notified	38	159	141	0	0	18
Chunri Para(S.C011)	Notified	27	104	99	0	5	0
Khayra Para(S.C012)	Non-Notified	32	126	80	0	4	42
Gabale Para(S.C013)	Notified	59	216	216	0	0	0
Danga Para(S.C014)	Non-Notified	27	98	98	0	0	0
Bagan Para(S.C015)	Non-Notified	78	282	181	0	65	36
Lohar Para(S.C016)	Notified	76	328	223	0	3	102
Dhibor Para(S.C017)	Non-Notified	72	293	252	0	0	41
Bauri Para(S.C018)	Notified	49	197	197	0	0	0
Ankure Para(S.C019)	Notified	90	389	302	0	11	76
Muchi Para(S.C020)	Notified	40	144	64	0	0	80
Dhibor Para(S.C021)	Non-Notified	26	113	62	0	10	41
Mali Pukur(S.C022)	Notified	145	596	591	0	0	5
Rakshakali Tola (S.C023)	Non-Notified	87	375	158	0	0	217
Chandra Goli(S.C024)	Non-Notified	33	126	2	0	0	124
Kumor Para(S.C025)	Non-Notified	23	87	0	0	0	87
Sayer Parh(S.C026)	Non-Notified	20	86	18	0	0	68
Naifela(S.C027)	Notified	68	237	237	0	0	0
Hanri Para(S.C028)	Non-Notified	26	97	97	0	0	0
Sutradhar Para(S.C029)	Non-Notified	42	147	6	0	122	19
Bauri Para(S.C031)	Notified	73	241	159	0	0	82
Kumor Para(S.C032)	Non-Notified	28	108	0	0	0	108
Ratan Ganj(S.C033)	Non-Notified	32	126	0	0	0	126
Bara Akhra(S.C034)	Notified	32	130	34	0	0	96
Tematha Kalitola(S.C035)	Non-Notified	63	231	33	0	4	194
Mal Para(S.C036)	Notified	50	196	65	0	9	122
Thandar Para(S.C038)	Non-Notified	57	215	107	0	7	101
Konra Para(S.C039)	Notified	23	103	22	70	0	11
Kabar Danga(S.C041)	Notified	31	119	88	0	3	28
Khal Para(S.C042)	Notified	31	121	30	0	0	91

Slum	Notified/ Non-Notified	Total No. of Households	Total Population	sc	ST	ОВС	Others
Bauri Para Saheb Kuthi(S.C 044)	Notified	21	82	68	0	9	5
Bagdi Para Saheb Kuthi(S.C045)	Notified	48	186	164	0	22	0
Bauri Para Tetultola(S.C046)	Notified	44	176	154	0	14	8
Bagdi Para Tetultola(S.C047)	Notified	167	708	609	0	55	44
Bauri Para(S.C048)	Non-Notified	72	301	209	0	0	92
Mal Para(S.C049)	Notified	55	200	109	0	16	75
Das Para Bit Para(S.C050)	Non-Notified	29	132	3	0	85	44
Saha Para(S.C051)	Non-Notified	28	109	40	0	0	69
Hawkers Colony(S.C037)	Notified	38	145	64	0	3	78
SWEEPERS COLONY(S.C043)	Non-Notified	23	104	79	0	0	25
Total	Total	2862	11333	6863	165	631	3674

Source: USHA Survey

Table 4: Details of Slums

Land Value (Z1 is high and Z4 is low)	п	24	24	24	24	24	74	17	Z1	Z1	21	Z4	Z1	24	24	Z1	24	24	24
Tenability (Yes/no)	ш	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Household Density per Hectare (From USHA)		34	949	236	92	194	15	64	88	78	08	25	28	200	46	22	76	128	35
Prone to flooding	Ж	Upto 15 days	Not Prone	Upto 15 days	Upto 15 days	15-30 days	15-30 days	Not Prone	Upto 15 days	Not Prone	Not Prone	Upto 15 days	Not Prone	15-30 days	15-30 days	Not Prone	15-30 days	Upto 15 days	Not Prone
Ownership of Land	į	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known	Not Known
Physical location	-	On River/Water Body Bed	Others(Non- Hazardous)	On River/Water Body Bed	On River/Water Body Bed	Along River/Water Body Bank	Along Nallah	Along Other Drains	Along River/Water Body Bank	Along Nallah	Others(Non- Hazardous)	Others(Non- Hazardous)	Along Other Drains	Others(Hazardous	Along River/Water Body Bank	Along Other Drains	Along Other Drains	Along Other Drains	Along Nallah
Minority	ч	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST	pro	0		0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
SC	<u>_</u>	27	140	51	28	17	16	0	17	32	34	26	19	59	27	49	48	61	22
AREA in Sq Mt	a	9450	3500	2500	3900	3550	14453	4500	4570	4350	4750	10950	11250	2950	5821	35250	10050	2620	6200
Number of total Households (Including pucca)	p	32	226	59	36	69	21	29	40	34	38	27	32	59	27	78	92	72	22
Slum Name	ú	MOLDANGA	GANGONIDANGA	LOHAR PARA	MAJHI PARA	BARUI PARA	Bauri Para	Goswami Para	Bauri Para	Thandar Para	Mete Para	Chunri Para	Khayra Para	Gabale Para	Danga Para	Bagan Para	Lohar Para	Dhibor Para	Bauri Para
Slum	p	001	200	003	9004	900	900	200	800	600	010	011	012	013	014	015	910	017	018
Ward No.	В	1	1	1	1	1	7	1	2	2	2	2	2	23	8	က	4	4	מו

Not Known
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Private owned

Household Density per Tenability Hectare (Yes/no) and Z4 is USHA)  Land Land Ishigh Is
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G
Along Nallah Along Railway Line Along Other Drains
0 0
0 0
23
pucca)
Slum Name
Slum
Ward No.

## 1.5.2 Summery of findings of Demand Survey

Housing for All (HFA) Scheme has since been launched by the Ministry of Housing & Urban Poverty Alleviation (MoHUPA), Gouvt. of India in Mission mode which envisages provision of Housing for All by 2022 when the Nation completes 75 years of its Independence. The Mission seeks to address the housing requirement of urban poor including slum dwellers through following programme verticals:

- a) Redevelopment of slums with private participation
- b) Promotion of affordable Housing for weaker section through credit linked subsidy
- c) Affordable Housing in partnership with public sectors
- d) Subsidy for beneficiary-led individual house construction.

In compliance with the objective and as per direction of the Ministry of Housing & Urban Poverty Alleviation (MoHUPA) and State Urban Development agency(SUDA), West Bengal was undertake a demand survey through suitable means for accessing the actual demand of housing. For this mission Sonamukhi Municipal area undertook Demand survey on 25.09.2015 and completed the survey on 30.09.2015. From this survey, different information have been took off.

As on September 2015, Sonamukhi Municipal area had a total of 51 slums spread across all the 15 wards of the municipality. The population of Sonamukhi Municipal area is 29085 (Census, 2011) of which number of persons residing in slums are 11333 (USHA Survey, 2013) which is about 39% of the total population. As per the USHA survey, a total of 2862 households stay in slums.

## 1.5.3. Broad infrastructure status in slum areas

Basic Services: (Housing, in front road, drainage, water supply, electricity, etc)

To upgrade the standard of life of slum dwellers, proper housing with sanitation facility is the crying needs of the present days. Development of this basic infrastructure is the first and foremost need for up-gradation of the living standard of slum population. A detailed survey regarding Pocket-wise identification of existing houses in the slum areas have been carried out and total of 2862 nos. of holding have been found in all the slums, out of which 5230 nos of holdings are good and 3255 Nos.(76.13%) houses have been proposed to attention for construction under PMAY Programme intervention.

Table 5: Ownership, Type & Indicate Vertical details

Ward No.	Slum Code	Slum Name			ils (Question and Survey)	based (Questi from o	of house on Roof ion no- 7 demand vey)	(P)	PP/A ficiar Den	HP/C y led) and s	Vertical LSS/Bene ) as per survey mber 21 )
			Own	Rented	Otherwise	Semi- Pucca	Katcha	PPP	CLSS	AHP	BLC
1	001	MOLDANGA	36	0	1	11	25				37
1	002	GANGONIDANGA	197	0	1	20	174				198
1	003	LOHAR PARA	41	0	0	21	18				41
1	004	MAJHI PARA	31	0	0	10	20				31
1	005	BARUI PARA	38	0	1	19	17				39
1	006	Bauri Para	24	0	0	1	23				24
1	007	Goswami Para	12	0	1	9	3				13
2	008	Bauri Para	12	0	12	3	19				24
2	009	Thandar Para	21	0	13	10	18				34
2	010	Mete Para	40	0	2	3	31				42
2	011	Chunri Para	17	0	1	0	17				18
2	012	Khayra Para	26	0	7	2	28				33
3	013	Gabale Para	100	0	0	1	93				100
3	014	Danga Para	68	0	0	5	59				68
3	015	Bagan Para	160	0	0	2	156				160
4	016	Lohar Para	26	0	1	24	2				27
4	017	Dhibor Para	35	0	0	24	10				35
5	018	Bauri Para	42	0	0	10	31				42
5	019	Ankure Para	53	0	0	10	35				53
5	020	Muchi Para	13	0	0	4	9				13
5	021	Dhibor Para	17	0	0	13	4				17
6	022	Mali Pukur	144	0	4	95	45				148
6	023	Rakshakali Tola	42	0	1	27	14				43
6	024	Chandra Goli	10	0	0	7	3				10
7	025	Kumor Para	17	2	0	9	2				19
7	026	Sayer Parh	8	0	0	4	4				8
8	027	Naifela	64	0	0	4	59				64
8	028	Hanri Para	71	0	0	2	68			$\Box$	71
8	029	Sutradhar Para	64	0	0	20	41			$\vdash$	64
9	030	ADRAB BAZAR	64	0	0	8	56				64
9	031	Bauri Para	83	0	0	37	41				83
10	032	Kumor Para	18	0	0	15	3				18
10	033	Ratan Ganj	22	0	0	20	2				22
11	034	Bara Akhra	25	0	0	17	8				25
11	035	Tematha Kalitola	73	0	0	35	24				73
12	036	Mal Para	41	0	5	24	18		-		46
12	037	Hawkers Colony	35	0	0	15	18	-	-		35
12	038	Thandar Para	34	0	0	9	24			$\vdash$	34

Ward No.	Slum Code	Slum Name			ils (Question and Survey)	based (Questi from d	f house on Roof on no- 7 lemand vey)	(PI	PP/A ficiar Dem	HP/CI y led) and s	ertical SS/Bene as per urvey ber 21)
110.	Couc		Own	Rented	Otherwise	Semi- Pucca	Katcha	PPP	CLSS	АНР	BLC
13	039	Konra Para	32	0	0	10	21				32
13	040	AMALNAGAR	248	2	0	170	74				250
13	041	Kabar Danga	15	0	0	14	1				15
13	042	Khal Para	9	0	0	8	1				9
13	043	SWEEPERS COLONY	14	0	0	10	4				14
14	044	Bauri Para Saheb Kuthi	34	0	0	4	29				34
14	045	Bagdi Para Saheb Kuthi	39	0	0	9	30				39
14	046	Bauri Para Tetultola	40	1	1	0	41				42
14	047	Bagdi Para Tetultola	176	0	1	39	135				177
15	048	Bauri Para	66	0	0	8	58				66
15	049	Mal Para	37	0	3	21	19				40
15	050	Das Para Bit Para	23	0	0	19	4				23
15	051	Saha Para	27	0	4	22	8				31
		Total	2584	5	59	884	1647				2648

Data source: Demand Survey-2015, HFA

## 1.6 Tenability Analysis:

## **Tenable Slums:**

- 1. All slum pockets located on non-objectionable and non-hazardous sites as obtained from NBO formats.
- 2. As per "Model Property Rights to Slum Dwellers Act, 2011"- All slums settlements
  which do not fall within the definition of untenable settlements are considered as
  tenable and fit for in-situ redevelopment / improvement.

## Untenable Slums

- (i) As per NBO format, slum pockets in the following locations may be considered as untenable
- Major storm water drains, Other drains, Railway line, Major transport alignment, River or water bodies Bank, River or water bodies Bed and others (hazardous or objectionable) including high tension lines.
- However, slums on other drains may be examined for being included in the category of semi tenable or tenable
- Slums depending on the exact location of the slum and the possibility of in---situ development through sustainable engineering solutions
- (ii) As per "Model Property Rights to Slum Dwellers Act, 2011"
- Those settlements which are on environmentally hazardous sites, ecologically sensitive areas, prohibited areas around heritage sites and land marked for public spaces, utilities, services and infrastructure.

# Table 6: Year-wise Proposed Interventions in Slums

					Number of	Beneficiario	es and Ce	Number of Beneficiaries and Central Assistance Required (Rs. in Crores)	Required ()	Rs. in Cro	res)			
Year	Redev	Redevelopment thru Private Partner Participation*	Private on*	Bene	Beneficiary-led Construction	ruction	Cre	Credit Linked Subsidy***	dy***	A	Affordable Housing in Partnership	gin	Total	
	No. of Slums	No. of Beneficiaries	Amount	No. of Slums	No. of Beneficiaries	Amount	No. of Slums	No. of Beneficiaries	Amount	No. of Slums	No. of Beneficiaries	Amount	No. of Beneficiaries	Amount
2015-16	0	0	0	15	546	8.19	0	0	0	0	0	0	546	8.19
2016-17	0	0	0	12	784	11.76	0	0	0	0	0	0	784	11.76
2017-18	0	0	0	7	516	7.74	0	0	0	0	0	0	516	7.74
2018-19	0	0	0	6	398	5.97	0	0	0	0	0	0	398	5.97
2019-20	0	0	0	4	252	3.78	0	0	0	0	0	0	252	3.78
2020-21	0	0	0	6	139	2.085	0	0	0	0	0	0	139	2.085
2021-22	0	0	0	H	13	0.195	0	0	0	0	0	0	13	0.195
Total	0	0	0	51	2648	39.72	0	0	0	0	0	0	2648	39.72

## 2. Assessment of existing and likely future Housing Shortage

## 2.1 Existing Housing Shortage

Housing Shortage with regard to the Sonamukhi Municipal area has been analyzed on the basis of information available through Demand Assessment survey, Census Records, Stakeholders' consultation, State level and National level reports and policies.

As prescribed by HFA Guidelines the housing shortage is assessed by adopting two pronged approach. They are:

I. <u>Curative Approach:</u> The housing shortage or deficiency for the existing slums and non slum is worked out at 3255 units and is summarized in the following table:

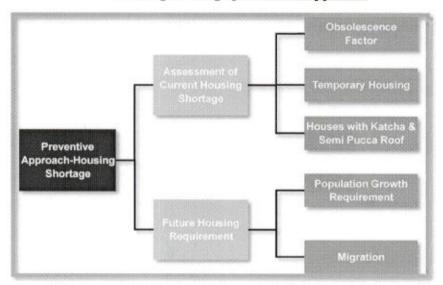
**Table 7: Housing Shortage- Curative Approach** 

S. No	Structure of the House	Number of Units
1	Construction of Semi-Pucca House to Pucca Houses	2375
2	Construction of Kuchha house to Pucca Houses	1880
	Total	3255

1.2 Preventive Approach: The preventive approach is aimed at prevention of new slums by providing for adequate affordable housing for the migrant population and for the persons, who due to lack of affordable housing options may shift to slums. Preventive approach takes into consideration both the existing housing shortage and housing units that may be required in the future.

The Housing for preventive approach is calculated by considering the following parameters in the figure below

**Housing Shortage preventive approach** 



## 2.2. Likely future Housing Shortage

According to the Census 2001, the population of Sonamukhi was 27348 and according to census 2011 Population is 29085. Population density is 3399. It is seen that population is

increasing by decreasing rate. The additional housing Requirement for the Sonamukhi Municipality estimated from 2016 till 2022 is 318.

**Table 8: Non-Slum Urban Poor Data** 

	Land o	wner	ship	Housin	g Status		pa	p		
Ward	0wn	Rented	Otherwise	Semi pucca	Kutcha	Homeless, If any	Beneficiary-led Construction	Credit Linked Subsidy	Affordable Housing in Partnership	Existing Housing shortage (H+I+J)
Ward 1	12	1	0	4	8	1	14	0	0	14
Ward 2	89	1	4	14	58	0	94	0	0	94
Ward 3	2	0	0	0	2	0	2	0	0	2
Ward 4	109	1	0	87	21	0	110	0	0	110
Ward 5	99	0	0	41	54	0	99	0	0	99
Ward 6	33	1	0	25	6	0	34	0	0	34
Ward 7	49	3	6	18	23	0	58	0	0	58
Ward 8	43	0	0	7	26	0	43	0	0	43
Ward 9	25	0	0	11	14	0	25	0	0	25
Ward 10	54	0	0	40	7	0	54	0	0	54
Ward 11	3	0	0	1	2	0	3	0	0	3
Ward 12	28	0	2	19	9	0	30	0	0	30
Ward 13	13	0	0	12	1	0	13	0	0	13
Ward 14	7	1	0	8	0	0	8	0	0	8
Ward 15	18	0	2	9	8	0	20	0	0	20
Total	584	8	14	296	239	1	607	0	0	607

Table 9: Future Projection of Urban Poor Households (Non-Slum Area)

Year	Future projected urban Poor HHS	Additional Requirement
2015	607	0
2016	650	43
2017	695	45
2018	745	50
2019	796	51
2020	850	54
2021	911	61
2022	975	64

## **Executive Summery**

Projec	Project Details			
-	State		**	West Bengal
7	City			Sonamukhi Municipality
3	Project Name		••	Pradhan Mantri Awas Yojana, Housing For All. (Urban)
4	Project Cost	(Rs. In Lacs)	••	2991.47
2	Central Share	(Rs. In Lacs)	**	1108.50
9	State Share	(Rs. In Lacs)	**	1562.23
7	ULB Share	(Rs. In Lacs)		135.96
90	Beneficiary Share	(Rs. In Lacs)	**	184.75
10	SOR Adopted		••	PWD (WB) w.e.f 1.7.14 with current corrigendum.

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Scheme Component   Type   Quantity   Unit   Rate (in project Cost   Project Cost   Share   S												
its 739 Nos. 368000.00 2719.52 1108.50 1426.27	SI No.		Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share	State Govt. Share	ULB	Beneficiaries Share
its 739 Nos. 368000.00 2719.52 1108.50 1426.27	A.											
its 739 Nos. 368000.00 2719.52 1108.50 1426.27  Total Housing Cost Sub Total (A) 2719.52 2719.52 1108.50 1426.27 0.00  2.5 m	1	New in- situ										
Total Housing Cost Sub Total (A) 2719.52 2719.52 1108.50 1426.27 0.000  Total Housing Cost Sub Total (A) 2719.52 1108.50 1426.27 0.000  2.5 m		Single storied units		739	Nos.	368000.00	2719.52	2719.52	1108.50	1426.27		184.75
Total Housing Cost Sub Total (A) 2719.52 1108.50 1426.27 0.00   100   125.27   1108.50   1426.27   1108.50   1426.27   1108.50   125.5   1108.50   125.5   125	2	Up-gradation										
Total Housing Cost Sub Total (A) 2719.52 2719.52 1108.50 1426.27 0.00  2.5 m	6	Rental										
Total Housing Cost Sub Total (A) 2719.52 2719.52 1108.50 1426.27 0.00	4	Transit										
2.5 m 6354 Mtr 4097.00 260.30 260.30 6.00 130.15 ck		Te	tal Housing	Cost Sub To	tal (A)		2719.52	2719.52	1108.50	1426.27	0.00	184.75
Roads         2.5 m vide         6354         Mtr         4097.00         260.30         260.30         6.00         130.15           Interlocking Block         Linterlocking Block         Culverts         Culverts         A097.00         260.30         6.00         130.15	B. INF	RASTRUCTURE										
CC Roads         2.5 m vide         6354         Mtr         4097.00         260.30         260.30         0.00         130.15           Interlocking Block         Culverts         Culverts         Annual control of the control of th	1	Roads										
		CC Roads	2.5 m wide	6354	Mtr	4097.00	260.30	260.30	0.00	130.15	130.15	
_	ij	Interlocking Block										
	i	Culverts										

SI No.	Scheme Component	Туре	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central	State Govt. Share	ULB Share	Beneficiaries Share
7	Water Supply										
	UGSR										
:=	SR										
	Internal Pipeline	NA	739	Nos.	1572.00	11.62	11.62	0.00	5.81	5.81	
ÿ	Pump Station & tube well										
	Total	Infrastructu	Total Infrastructure Cost Sub Total (B)	Total (B)		271.92	271.92		135.96	135.96	0.00
		Tota	Total (A+B)			2991.44	2991.44	1108.50	1562.23	135.96	184.75



Technical officer

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Signature of the Shate Engh66 inpetent Technical Officer

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Sonamukhi Municipality

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Name & Designation: Sri M.N. Pradhan, IAS

Signature of the State Level Nodal Officer

Director, SUDA

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## FUND FLOW PATTERN

Rupees in lakhs

NAME OF	ESTIMATED		YEAI	R 2015-16		
NAME OF THE SCHEME	COST	GOI	GOWB	ULB	Benificiaries	TOTAL
PMAY project - , Sonamukhi Municipality	2991.44	1108.50	1562.23	135.96	184.75	2991.44

## PHASING OF FUND

Rupees in lakhs

YEAR 2015-			RELEASI	E OF FUND	
16	GOI	GOWB	ULB	Benificiaries	TOTAL
1st Installment @ 40%	443.40	624.89	54.38	184.75	1307.43
2nd Installment @ 40%	443.40	624.89	54.38	0.00	1122.68
3rd Installment @ 20%	221.70	312.45	27.19	0.00	561.34
TOTAL	1108.50	1562.23	135.96	184.75	2991.44

## **REQUIREMENT OF FUND**

Rupees in lakhs

SL. NO	NAME OF THE SCHEME	YEAR 2015-16	TOTAL
1	PMAY project - , Sonamukhi Municipality	2991.44	2991.44
Total		2991.44	2991.44

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## MED, Govt. of WB

## Sonamukhi Municipality

WORK AND COST SUMMARY - SLUM WISE DETAILS Pradhan Mantri Awas Yojana (Housing For All by 2022)

	Grand Total (Rs. In Iakh)		33.56	109.09	12.59	12.59	20.97	16.80	16.80	0.00	16.80	33.56	12.59	12.59	130.06	54.52	4.21	46.15	37.77	62.94	75.53	8:38	8:38	50.36	88.08	20.97	75.53
	(@Rs. 185.00/- each)	Amt.	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	00.0	00'0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00
	Plantation for Greenery improvement	Qty																									
	(@Rs.3120074.00)	Amt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Community Centre	Qty																									
	Road Protection Work (@ Rs. 3507.00/M)	Amt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Closed Eucalyptus Bullah Pilling	Qty																									
	Concrete Roads (@ Rs. 4097.00/M)	Amt	3.81	12.41	1.43	1.43	2.38	1.93	1.93	00.0	1.93	3.81	1.43	1.43	14.79	6.19	0.49	5.24	4.30	7.17	8.60	0.94	0.94	5.74	10.00	2.38	8.60
		Qty.	93	303	32	35	58	47	47	0	47	93	35	32	361	151	12	128	105	175	210	23	23	140	244	28	210
URE	M\ 00.2721.28	Amt.	0.13	0.41	0.05	0.05	80.0	90.0	90.0	0.00	90.0	0.13	0.05	0.05	0.49	0.20	0.02	0.17	0.14	0.24	0.28	0.03	0.03	0.19	0.33	0.08	0.28
TRUCT	Pipe Line @	Qty.	8	26	23	3	S	4	4	0	4	8	3	3	31	13	1	11	6	15	18	2	2	12	21	2	18
PHYSICAL INFRASTRUCTURE	(Rs.3651.00/M) (Section - 450x600)	Amt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YSICAL	(M) agenistd	Qty.																									
PH	Drainage (M) (Rs.2817.00/M) (Section - 6004.00+	Qty. Amt.	0.00	0.00	00.0	00.0	0.00	00.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00
	300×300)	Amt Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(M) ogenised (Ms.2297,00/M) (Section -	Qty. An	0.	0.	0.	0.	0.	0.	0.	0.	0	0.	0.	0.	0.	0.	0,	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	escµ)	Amt. Q	09'0	1.96	0.23	0.23	0.38	0.30	0.30	0.00	0.30	0.60	0.23	0.23	2.34	86.0	0.08	0.83	0.68	1.13	1.36	0.15	0.15	0.91	1.58	0.38	1.36
	Leach Pit (@ Rs.0.0754 Lakh/	Qty. A	8	26 1	3 0	3 0	5 0	4 0	4 0	0 0	4 0	8 0	3 0	3 0	31 2	13 0	1 0	11 0	0 6	15 1	18 1	2 0	2 0	12 0	21 1	5 0	18 1
ING	евси)	Amt.	29.02	94.31	10.88	10.88	18.14	14.51	14.51	0.00	14.51	29.02	10.881	10.881	112.44	47.153	3.6271	39.899	32,644	54.407	62.289	7.2543	7.2543	43.526	76.17	18.136	62.289
HOUSING	stinU gnillowG (@ Ks.5.67 Lakh)	Qty.	8 2	26 9	3	3 1	5 1	4 1	4 1	0	4	8 2	3 1	3 1	31 1	13 4	1 3	11 3	9 3.	15 5	18 6	2 7.	2 7.	12 4	21 7	5 1	18 6
	Population		132	930	210	162	277	165	129	68	155	159	104	126	216	86	282	328	293	197	389	144	113	969	375	126	87
	Area Sqkm		0.0095	0.0035	0.0025	0.0039	0.0036	0.0145	0.0045	0.0046	0.0044	0.0048	0.0110	0.0113	0.0030	0.0058	0.0353	0.0101	0.0056	0.0062	0.0035	0.0075	0.0031	0.0048	0.0057	0.0117	0.0031
	Name of Slum		MOLDANGA	GANGONIDANGA	LOHAR PARA	MAJHI PARA	BARUI PARA	Bauri Para	Goswami Para	Bauri Para	Thandar Para	Mete Para	Chunri Para	Khayra Para	Gabale Para	Danga Para	Bagan Para	Lohar Para	Dhibor Para	Bauri Para	Ankure Para	Muchi Para	Dhibor Para	Mali Pukur	Rakshakali Tola	Chandra Goli	Kumor Para
	Slum No.		100	002	003	004	005 E	900	007	800	600	010	011	012	013 (	014	015 F	016	017	018 E	019	020	021	022	023 F	024 (	025

	Grand Total (Rs. In lakh)		79.70	58.73	29.35	58.73	88.08	25.18	37.77	41.94	62.94	104.88	71.32	41.94	41.94	4.21	83.91	83.91	16.80	29.35	4.21	4.21	41.94	108.93	79.70	58.73	33.56	37.77	2291
	(@Ks. 185.00/-	Amt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0
	Plantation for Greenery improvement	Qty																											0
	(@Rs.3120074.00 /- each)	Amt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	Community Centre	Qty																											0
	Road Protection Work (@ Rs. 3507.00/M)	Amt.	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00'0	0.00	0.00	0.00	0
	Closed Eucalyptus Bullah Pilling	Qty																											0
	(M\00.7904.25 @)	Amt.	9.05	89.9	3.32	89'9	10.00	2.87	4.30	4.75	7.17	11.92	8.11	4.75	4.75	0.49	9.55	9.55	1.93	3.32	0.49	0.49	4.75	12.25	9.05	89.9	3.81	4.30	260.3
	Concrete Roads	oty.	221	163	81	163	244	70	105	116	175	291	198	116	116	12	233	233	47	81	12	12	116	299	221	163	66	105	6354
JRE	Rs.1572.00 /M	Amt.	0.30	0.22	0.11	0.22	0.33	60.0	0.14	0.16	0.24	0.39	0.27	0.16	0.16	0.02	0.31	0.31	90.0	0.11	0.02	0.02	0.16	0.41	0.30	0.22	0.13	0.14	8.58
FRUCTI	Pipe Line @	Qty.	19	14	7	14	21	9	6	10	15	25	17	10	10	1	20	20	4	7	1	1	10	26	19	14	8	6	546
PHYSICAL INFRASTRUCTURE	(Rs.3651.00/M) (Section - 450x600)	Amt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
SICAL	(M) sgenistd	Qty.																											0
PH	(Rs.2817.00/M) (Section - 400x400)	Amt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00'0	0.00	0.00	00.00	0.00	0.00	0
	Drainage (M)	Oty.														_													0
	(M/00.7222.28) - noitoe2) 300x300)	Amt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	Drainage (M)	Qty.																											0
	Rs.0.0754 Lakh/ each)	Amt.	1.43	1.06	0.53	1.06	1.58	0.45	0.68	0.75	1.13	1.89	1.28	0.75	0.75	0.08	1.51	1.51	0.30	0.53	0.08	0.08	0.75	1.96	1.43	1.06	09'0	0.68	41
	@) tiq fased	Qty.	19	14	7	14	21	9	6	10	15	25	17	10	10	1	20	20	4	7	1	1	10	26	19	14	8	6	546
HOUSING	(@ Rs.3.627 Lakh/	Amt.	68.916	50.78	25.39	50.78	76.17	21.763	32.644	36.271	54.407	90.679	61.661	36.271	36.271	3.6271	72.543	72.543	14.509	25.39	3.6271	3.6271	36.271	94.306	68.916	50.78	29.017	32.644	1980
HC	Dwelling Units	Oty.	19	14	7	14	21	9	6	10	15	25	17	10	10	1	20	20	4	7	1	7	10	26	19	14	ω	6	546
	Population		98	237	64	147	278	241	108	126	130	231	196	145	215	103	873	119	121	104	82	186	176	708	301	200	132	109	11333
	Area SqKm		0.0063	9800'0	0.0085	0.0246	0.0157	0.0062	0.0030	0.0032	0.0045	0.0083	0.0078	0.0054	0.0042	0.0050	0.0109	0.0091	0.0065	0.0125	0.0035	0.0035	0.0030	0.0047	0.0032	0.0042	0.0078	0.0071	
	Name of Slum		Sayer Parh	Naifela	Hanri Para	Sutradhar Para	ADRAB BAZAR	Bauri Para	Kumor Para	Ratan Ganj	Bara Akhra	Tematha Kalitola	Mal Para	Hawkers Colony	Thandar Para	Konra Para	AMALNAGAR	Kabar Danga		SWEEPERS COLONY	Bauri Para Saheb Kuthi	Bagdi Para Saheb Kuthi	Bauri Para Tetultola	Bagdi Para Tetultola	Bauri Para	Mal Para	Das Para Bit Para	Saha Para	Total
	Slum No.		026	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	020	051	

## MED, Govt. of WB

# Sonamukhi Municipality

WORK AND COST SUMMARY - NON-SLUM WISE DETAILS Pradhan Mantri Awas Yojana (Housing For All by 2022)

	Grand Total (Rs. In Iakh)		7.44	18.59	3.72	14.87	59.49	7.44	3.72	3.72	7.44	7.44	26.03	22.31	44.62	40.90	3.72	11.15	11.15	11.15	7.44	7.44	22.31	7.44	3.72	3.72	22.31
	(@Rs. 185.00/- each)	Amt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Plantation for Greenery improvement	Qty							· *																		
	(@Rs.3120074.00\ - each)	Amt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Community Centre	Qty																									
	Road Protection Work (@ Rs. 3507.00/M)	Amt	0.00	0.00	0.00	00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00'0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.00	00.00	0.00
	Closed Eucalyptus Bullah Pilling	Qty																									
	(M\00.7904.28 @)	Amt.	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Concrete Roads	Qty.																	П								
URE	M\ 00.2721.2A	Amt	0.03	0.08	0.02	90.0	0.25	0.03	0.02	0.02	0.03	0.03	0.11	60.0	0.19	0.17	0.02	0.05	0.05	0.05	0.03	0.03	0.09	0.03	0.02	0.02	60.0
RUCT	9 Pipe Line	Qty.	2	5	1	4	16	2	1	1	2	2	7	9	12	11	1	3	3	3	2	2	9	2	1	1	9
INFRASTRUCTUR	(Rs.3651.00/M)	Amt	0.00	0.00	00.00	00.0	0.00	0.00	00.0	0.00	00.00	00.0	00.00	00.00	00.00	00.0	0.00	0.00	00.0	0.00	00'0	0.00	0.00	0.00	0.00	0.00	0.00
	(M) aganiarQ	Qty.				Г																					-
PHYSICAL	(Section -400x400)	Amt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(M) egenistd (M\00.7185.2Я)	Qty.				Г																					
	(Rs.Z297.00/M) (Section -300x300)	Amt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	(M) agenierd	Qty.				Г																					
	(does)	Amt	0.15	0.38	80.0	0.30	1.21	0.15	80.0	80.0	0.15	0.15	0.53	0.45	0.91	0.83	80.0	0.23	0.23	0.23	0.15	0.15	0.45	0.15	80.0	80.0	0.45
	Leach Pit (@ Rs.0.0754 Lakh/	Qty.	2	5	н	4	16	2	1	1	2	2	7	9	12	11	1	3	3	3	2	2	9	2	-1	1	9
SING	each)	Amt	7.25	18.14	3.63	14.51	58.03	7.25	3.63	3.63	7.25	7.25	25.39	21.7628	43.5257	39,8985	3.62714	10.8814	10.8814	10.8814	7.25428	7.25428	21.7628	7.25428	3.62714	3.62714	21.7628
HOUSING	Dwelling Units (@ Rs.5.5.75	Qty.	2	5	1	4	16	2	1	1	2	2	7	6 2	12 4	11 3	1 3	3	3	3	2 7	2 7	6 2	2 7	1 3	1 3	9
	Ward No.		1	2	7	2	2	2	2	2	2	2	က	4	4	4	4	Ŋ	S	Ŋ	5	2	9	9	7	7	7
	Name of Slum		Babupara	Babupara	Goswamipara	Haranath Road	Maitokalitola	Ranirbazar	Rathtola	008 Saradapally	Siddhantapara	Thanagora	Banerjeepara	Krishnakalitola	Lalbazar	014 Manohartola	Munsefgore	Acharyapara	Barokalitola	Briddhashibtola	Krishnakalitola	Manohartola	Dharmatola	Nimtola	Gangulypara	Paglakalitola	Pairakalitola
	.ov muíz		001	002	003	004	005	900	007	98	600	010	011	012	013	14	015	016	017	018	019	020	021	022	023	024	025

	Grand Total (Rs. In lakh)		3.72	3.72	7.44	22.31	3.72	3.72	7.44	11.15	3.72	22.31	7.44	3.72	33.46	3.72	63.21	14.87	18.59	11.15	7.44	7.44	7.44	22.31	3.72	37.18	7.44	718
	(@Rs. 185.00/-	Amt.	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	Plantation for Greenery improvement	Qty						73																				0
	(@Rs.3120074.00\ - each)	Amt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	Community Centre	Qty																										0
	Road Protection Work (@ Rs. 3507.00/M)	Amt	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	00.0	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00'0	00.0	00.0	00.0	0
	Closed Eucalyptus Builiah Pilling	Qty																										0
	(@\00.7604.2A @)	Amt	0.00	0.00	00.0	0.00	00.0	0.00	0.00	0.00	0.00	00.0	00.0	0.00	0.00	00.0	0.00	0.00	00.0	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.0
	Concrete Roads	Qty.																										0
JRE	M. 00.272.28	Amt	0.02	0.02	0.03	60.0	0.02	0.02	0.03	0.05	0.02	60.0	0.03	0.02	0.14	0.02	0.27	90.0	80.0	0.05	0.03	0.03	0.03	60.0	0.02	0.16	0.03	3.03
FRUCT	@ əniJ əqiq	Qty.	1	1	2	9	1	1	2	3	1	9	2	1	6	1	17	4	5	3	2	2	2	9	1	10	2	193
PHYSICAL INFRASTRUCTURE	(Rs.3651.00/M) (Section -450x600)	Amt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
CALI	Drainage (M)	Qty.																										0
HYSI	(Section -400x400)	Amt	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00'0	0.00	0.00	00.0	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0
	(M) Drainage (M) (M/00.7182.2A)	Qty.																										0
	(M,00,72227) (Section -300x300)	Amt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	Drainage (M)	Qty.																										0
	Кs.0.0754 Lakh/	Amt	80.0	80.0	0.15	0.45	80.0	0.08	0.15	0.23	80.0	0.45	0.15	80.0	89.0	80.0	1.28	0.30	0.38	0.23	0.15	0.15	0.15	0.45	80.0	0.75	0.15	15
	Leach Pit (@	Qty.	1	1	2	9	1	1	2	3	1	9	2	1	6	1	17	4	5	3	2	2	2	9	1	10	2	193
HOUSING	(@ Rs.3.627 Lakh/ each)	Amt	3.62714	3.62714	7.25428	21.7628	3.62714	3.62714	7.25428	10.8814	3.62714	21.7628	7.25428	3.62714	32.6443	3.62714	61.6614	14.5086	18.1357	10.8814	7.25428	7.25428	7.25428	21.7628	3.62714	36.2714	7.25428	700
НОІ	Dwelling Units	Qty.	۲,	1	2	9	1	1	2	3	1	9	2	1	6	1	17	4	מו	3	2	2	2	9	1	10	2	193
	Ward No.		7	8	8	8	8	8	6	6	6	6	6	6	6	10	10	10	10	11	11	12	12	12	12	14	14	
	Name of Slum		Ratanganj	Chelmore	Dewanbazar	Krishnabazar	Nimtola	Satyapirtola	Anathbazarpalpara	Bhadrakalitola	Henspara	Krishnabazar	Palpara	Panchanantola	Shyambazar	Satyakalitola	Satyapirtola	Sayer par	Shyambazar	Bakultola	Shyambazar				Sukantapally	Baikunthapur	Chowudhurypara	Total
	Shum No.		970	027	028	029	030	031	032	033	034	035	036	037	038	039	040	041	042	043	044	045	046	047	048	049	020	

## 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 (Kolkata /24 Pgs (N & 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 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.	3.940	cu.m.	6851.66	26995.54
	(i) Pakur Variety				
	SOR, PWD, P-14, T -7(i)				

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
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	МТ	60705.93	18775.74
	300,1 40,1-27,1-13(1)				
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 <sup>2</sup>	360.00	13342.68
	decision & direction of Engineer-in-charge, Ground Floor				
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)  b) Out side Wall, 15mm th.  SOR, PWD, P-151, I-2 (i)(c)	116.940 111.950	sq.m.	181.00 156.00	21166.14 17464.20
	B)10mm th celling 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

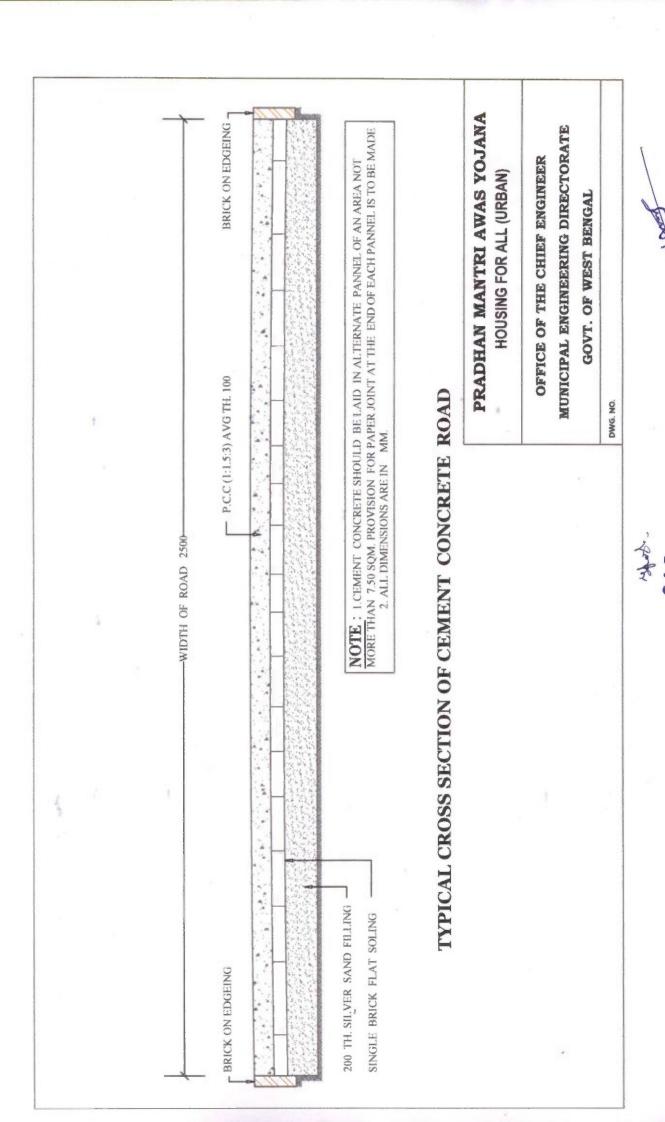
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1)a fitted and fixed omplete as per direction.  40mm x 6mm x 125 mm length.  (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)  2) On Steel Surface SOR, PWD, P - 162, I - 7(b)	21.690 2.700	sq.m.	41.00 31.00	889.29 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 b) On Steel surface Two Coats SOR, PWD, P - 162, -8A(aii),(bii)	21.690 2.700	sq.m. sq.m.	89.00 86.00	1930.41 232.20

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	2.000	each	193.00	386.00
	SOR, PWD, P-93, I - 27c				
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 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
30	Supplying, fitting fixing CI Round Gratings 150mm dia SOR, PWD, (Sanitary) P - 55, I - 18(ii)	1.000	Each	100.00	100.00

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	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)	FE VE	Rs.		17858.00
	TOTAL AMOUNT		Rs.		367858.00

Chairman Sonamukhi Municipality

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



Sonamukhi Municipality

## DPR on PMAY (Housing for ALL) for Sonamukhi Municipality for 2015-16

	PWD B	UILDING	SCHEDU	LE 2014				
SI N	Description of Items	Lengt h	Bread h	Dept h	Quantit	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 ags required complete. Depth of exavation not existing 1500mm  P.No-1, I-2(a)	1.00	2.5	0.400	1.000	%Cu. M	12047.0	120.47
2	Filling foundation or plinth by silver sand in layer not exceeding 150 mm. as directed and consolidating same by through saturation with water rammingcomplete. Including the cost of supply of sand.  (a) by fine sand  P.No-2, !-4(B)	1.00	2.5	0.200	0.500	%Cu. M	110422. 00	552.11
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand P.no-11, I-1	1.00	2.5		2.500	Sq.M	377.00	942.50
4	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 P.no-24, I-10(a)	1.00	2.5	0.125	0.313	Cu.M	6802.74	2,125.86
6	Brick edging 75 mm. wide with picked jhama bricks, laid true to line and level including cutting necessary trench in sopil or in hard metalled surface, laying the bricks and repacking the trench (on both sides of the edgeing) with spoils and ramming the same throughly, complete as per direction.  (b) Brick-on-end edging (250 mm) depth.  P.No-189, I-3(b)	2.00			2.000	%Mtr	9392.00	187.84
6	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipapal /Corporation Rules forsuch disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in -Charge P.no-9, I-13	1.00	2.500	0.400	1.000	Cu.M	168.00	168.00
_							Toati=	4,096.78
_					1		Total=	7,000.70

the for

S.A.E. Sonamukhi Municipali\*\*\* Chairman Sonamukhi Municipality

## **DWELLING UNIT**

## P.W.D S.O.R Sanitary and Plumbing Work from 1st July-2014

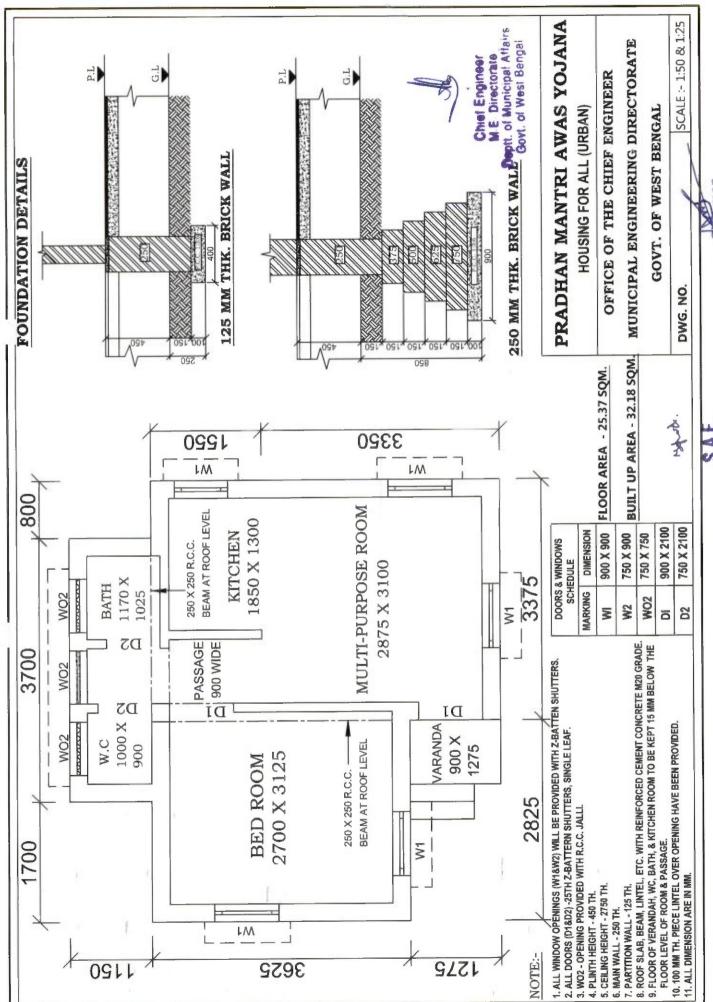
SL NO	DESCRIPTON	QUANTITY	UNIT	RATE	AMOUNT
1 P-11 I- 19(I)	Supplying fitting fixing PVC pipes of pproved quality conforming to ASTMD-1785 and threaded to mach with GI pipes as per IS:1239 (Part-I) wit all necessary accessories specials viz.socket.beny,tee,union,cross,elbow,nipple,long screw, reducing socket, reducing tee, short piece, etc. complete in all respect including cost of all necessary fittings as required ,jointing materials and two coats of painting with approved paint in any position above ground.  (a) For exposed work PVC Pipes 15mm dia	12.00	Meter	106.00	1272.00
2 P- 6 I (f)(i)	Supplying fitting and fixing polythene Bib Cock with metal inlet (EMCO / ATLAS or equivalent) 15mm	3.00	Each	100.00	300.00
	Total=				1572.00

Rupees One Thousend Five Hudread Seventy Two Only.

SAF

Sonamukhi Municipality

Sonamukhi Municipality



Sonamukhi Municipality

······································	ESTIMATE FOR ELECTRICAL WORKS FOR ONE	DWELL	ING UNIT	UNDER PM	AY
No.	(ANNEXURE-I)  Item of works	Unit	Rate	Quantity	Amount
1	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	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	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	Deistribution concealed wiring with 2x1.5 sq mm (PH & N ) single core stranded FR PVC insulated & unsheathed single core stranded 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
5	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	RM	86.00	15.00	1290.00

room another DP near CESC & inside the room another DP of dwelling units)

No.	Item of works	Unit	Rate	Quantity	Amount
6	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	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 <b>3.65 m</b> below the GL & restoring surface duly rammed.	each	1715.00	1	1715.00
8	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.	М	6.00	5	30.00
			TOTAL		17858.00

Chairman Sonamukhi Municipality

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

H <sub>10</sub>	(ANNEXURE-II)	)			
SI 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	12047.0 0	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 P.no-31, I-29	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 formulaI n ground floor and foundation. [Using concrete mixture] M 20 Grade  P.no-12, I-6(a)	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	М.Т	68508.0 0	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.				

S.A.E. Sonamukhi Municipality

(4:1) in all faces in ground floor

i) UPVC Pipe 110 mm dia

ii) UPVC Bend 87.5 degree 110 mm dia

Jaffri brick work 125 mm. thick with 1st class bricks in cement mortar (4:1) including 12 mm. thick cement plaster

P.no-173, I-21(A)(ii)

P.no-174, I-21(B)C(ii)

.P.no-32, I-35

Chairman Sonamukhi Municipality

291.00

162.00

792.00

Total=

4.000

2.000

2.000

Mtr

Each

SqM

Cost of 2 no leach pit

1,164.00

324.00

1,584.00

7,543.97

7,544.00

* 0
মেদ্র- ইর্মান্ড্রী - ১৯/১০/১০১৫ ত্যার্ম- ব্রুদ্যোত্রার
विकाल- ष्ठि द्या ह्यामासूकी लाविष्टवत् कार्डिमालावः
व्लाव जक मार्वावन मजन अनु कि इस माननीय
পোর সর্বাদ জ্রী- অব্জিত সুখান্ত্রী মহাস্থার মতাপতিছে।
উপান্ধিত মদ্যান্থ স্থান্তার :-
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शहायं आममीय क्रियांव्याम सराअयं सक्स सम्सिप्व
SIMIN CA PMAY 62510- Howsking for All by 2022
प्रव अकि त्य शार्ष रम जल Slum - 2648, Nonshim - 6076
Projected 318 to \$(23 @ of Plam of Action and remove)
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## Non Slum Urban Poor Data

Ward	Land own		ership	Hosuin	g Status	Homeless,	Beneficiary-	Credit Linked		Existing Housing
waru	Own	Rented	Otherwise	Semi pucca	Kutcha	If any	Construction	Subsidy	Housing in Partnership	shortage (H+I+J)
Ward 1	12	1	0	4	8	1	14	0	0	14
Ward 2	89	1	4	14	58	0	94	0	0	94
Ward 3	2	0	0	0	2	0	2	0	0	2
Ward 4	109	1	0	87	21	0	110	0	0	110
Ward 5	99	0	0	41	54	0	99	0	0	99
Ward 6	33	1	0	25	6	0	34	0	0	34
Ward 7	49	3	6	18	23	0	58	0	0	58
Ward 8	43	0	0	7	26	0	43	0	0	43
Ward 9	25	0	0	11	14	0	25	0	0	25
Ward 10	54	0	0	40	7	0	54	0	0	54
d 11	3	0	0	1	2	0	3	0	0	3
Ward 12	28	0	2	19	9	0	30	0	0	30
Ward 13	13	0	0	12	1	0	13	0	0	13
Ward 14	7	1	0	8	0	0	8	0	0	8
Ward 15	18	0	2	9	8	0	20	0	0	20
	584	8	14	296	239	1	607	0	0	607

III. Year-wise Proposed Interventions in Slums

					Number of Ber	neficiaries	and Cer	Number of Beneficiaries and Central Assistance Required (Rs. in Crores)	e Require	d (Rs. in	Crores)			
Year	Redev Par	Redevelopment thru Private Partner Participation*	Private tion*	Benefi	Beneficiary-led Construction	truction	Cred	Credit Linked Subsidy***	idy***	Aff	Affordable Housing in Partnership	ng in	Total	
	No. of Slums	No. of Beneficiaries	Amount	No. of Slums	No. of Beneficiaries	Amount	No. of Slums	No. of Beneficiaries	Amount	No. of Slums	No. of Beneficiaries	Amount	No. of Beneficiaries	Amount
2015-16	0	0	0	15	546	8.19	0	0	0	0	0	0	546	8.19
2016-17	0	0	0	12	784	11.76	0	0	0	0	0	0	784	11.76
2017-18	0	0	0	7	516	7.74	0	0	0	0	0	0	516	7.74
2018-19	0	0	0	9	398	5.97	0	0	0	0	0	0	398	5.97
2019-20	0	0	0	4	252	3.78	0	0	0	0	0	0	252	3.78
2020-21	0	0	0	9	139	2.085	0	0	0	0	0	0	139	2.085
2021-22	0	0	0	1	13	0.195	0	0	0	0	0	0	13	0.195
Total	0	0	0	51	2648	39.72	0	0	0	0	0	0	2648	39.72

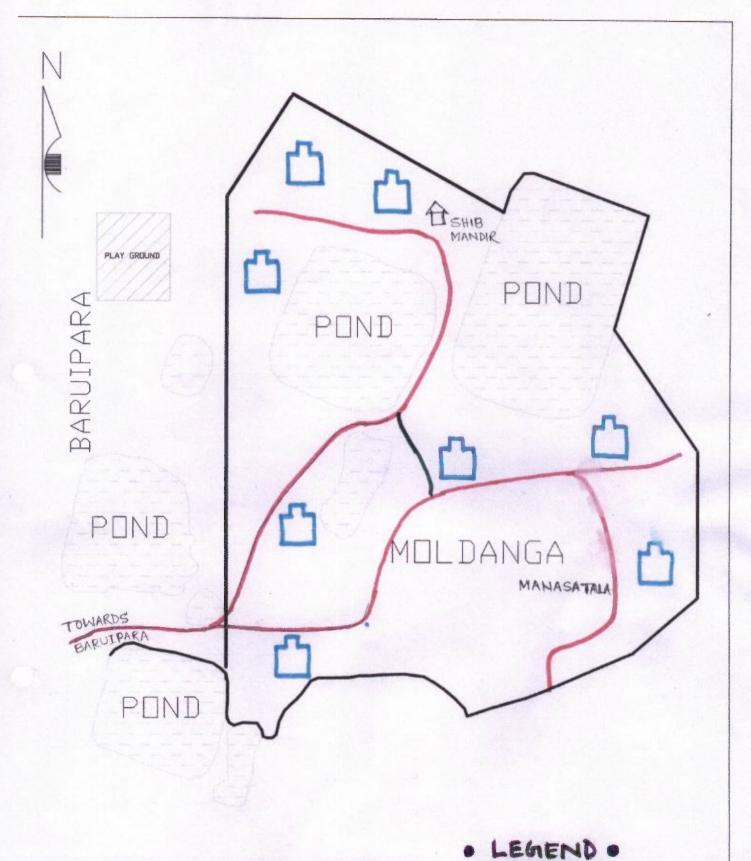
\* Each benefeciary at the rate of one lakh each, \*\*Each Beneficiary at the rate of 1.5 lakh each, \*\*\* Just put number of beneficiaries, amount is not required, \*\*\*\* Affordable Housing in Partnership @ 1.5 lakh each

# IV. Year-wise Proposed Interventions for Other Urban Poor based on demand survey

		Numbe	er of Beneficiarie	s and Central A	Number of Beneficiaries and Central Assistance Required (Rs. in Crores)	d (Rs. in Crores)		
Year	Beneficiary-led Construction	Construction	Credit Linked Subsidy	ed Subsidy	Affordable Partn	Housing in ership	Total	
	No. of Beneficiaries	Amount	No. of	Amount		Amount	No. of	Amount
	.;;						D'CLLCLICITE ACCO	
2015-16	193	2.895	0	0	0	0	193	2.895
2016-17	102	1.53	0	0	43	0.645	43	2.175
2017-18	218	3.27	0	0	45	0.675	45	3.945
2018-19	94	1.41	0	0	51	0.765	50	2.175
2019-20	0	0	0	0	54	0.81	51	0.81
2020-21	0	0	0	0	61	0.915	54	0.915
2021-22	0	0	0	0	64	0.96	61	0.96
Total	607	9.105	0	0	318	4.77	64	13.88

V. Year-wise targets under different components

	Parti	Afforda	individ	Credit li	exi	Subsidy led/ir	Redevel Privat				
Total	Partnership (AHP)	Affordable Housing in	individual beneficiaries	Credit linked subsidy to	existing house	Subsidy for beneficiary-	Redevelopment through Private Participation		Interventions		
	Non-Slums	Slums	Non-Slums	Slums	Non-Slums	Slums	Slums		S		-
739	0	0	0	0	193	546	0	No.	20		
11.085	0	0	0	0	2.895	8.19	0	Amount	2015-16		
929	43	0	0	0	102	784	0	No.	20	z	
13.935	0.645	0	0	0	1.53	11.76	0	Amount	2016-17	Number of Beneficiaries and	
779	45	0	0	0	218	516	0	No.	20	Benefi	
11.685	0.675	0	0	0	3.27	7.74	0	Amount	2017-18	ciaries an	
543	51	0	0	0	94	398	0	No.	20		
8.145	0.765	0	0	0	1.41	5.97	0	Amount	2018-19	al Assista	
306	54	0	0	0	0	252	0	No.	20	nce Req	
4.59	18.0	0	0	0	0	3.78	0	Amount	2019-20	Central Assistance Required (Rs. in Crores)	
200	61	0	0	0	0	139	0	No.	207	in Cro	
0.93	0.915	0	0	0	0	0.015	0	Amount	2020-21	res)	
77	64	0	0	0	0	13	0	No.	202		
1.155	0.96	0	0	0	0	0.195	0	Amount	2021-22		
3573	318	0	0	0	607	2648	0	No.	,	-	
53.595	4.77	0	0	0	9.105	39.72	0	Amount	0.61	Total	



NAME OF TOWN - SONAMUKHI MUNICIPALITY

WARD NO - 1

SLUM CODE - 001

NAME OF SLUM - MOLDANGA

AREA OF SLUM - 0.0095 SQ.KM

POPULATION OF SLUM - 132

PROPOSED HOUSE HOLD OF SLUM - 8

WARD NO - 1

PROPOSED DWELLING HOUSE

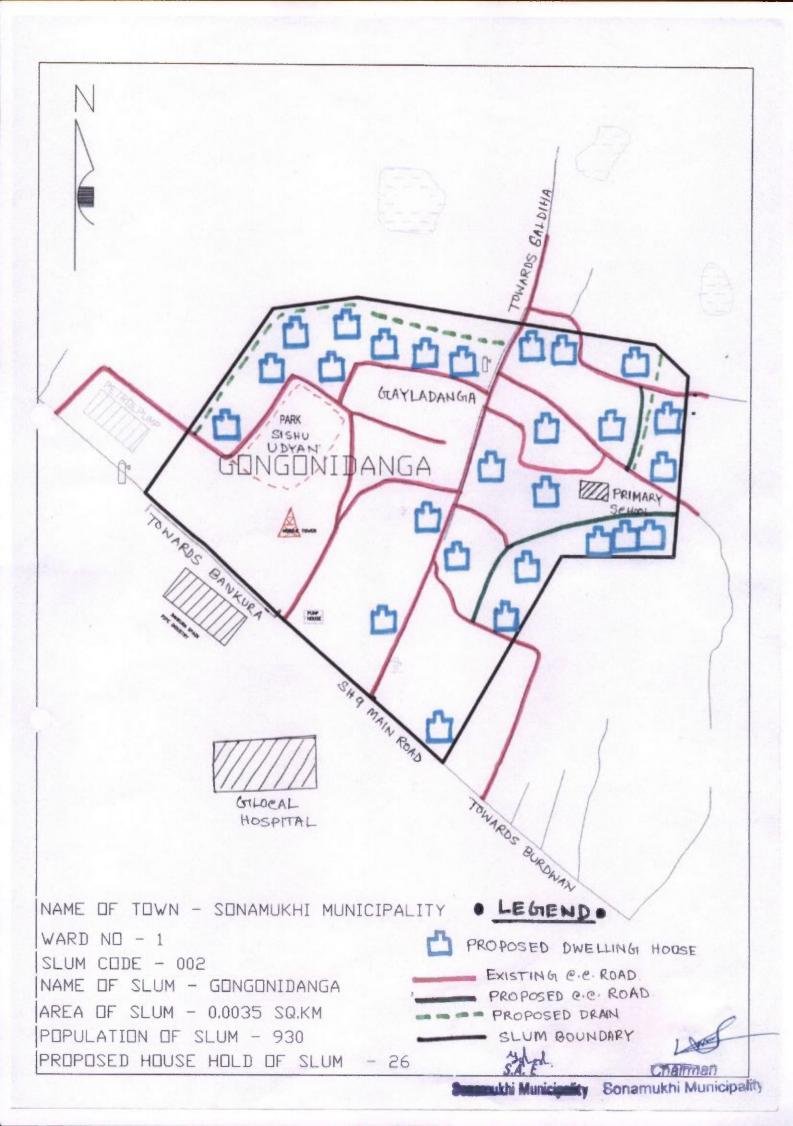
EXISTING 6.6. ROAD.

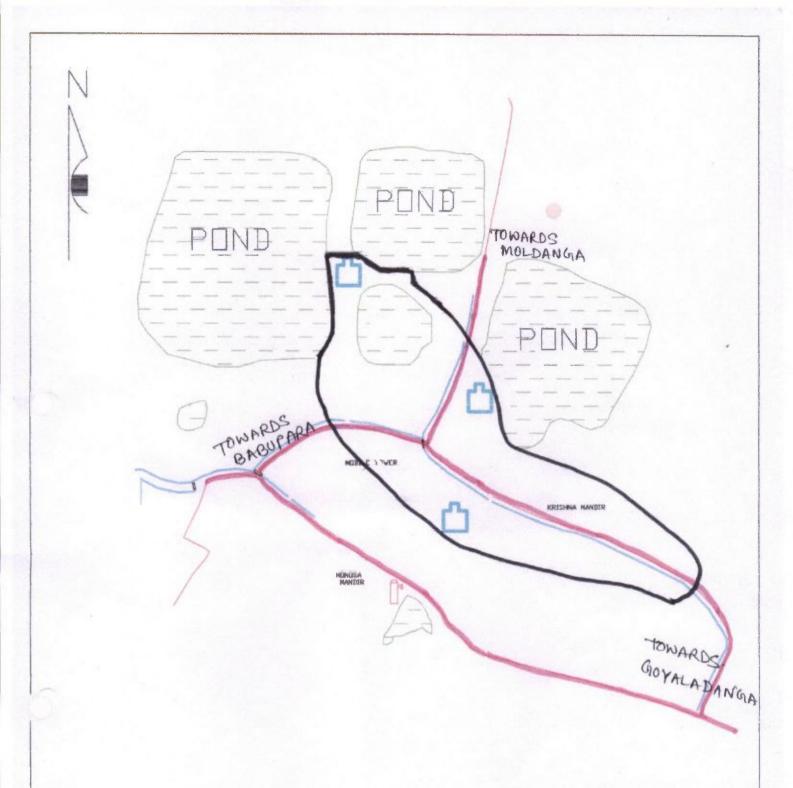
PROPOSED C. R. ROAD.

SLUM GOUNDARY

POPULATION OF SLUM - 132

PROPOSED HOUSE HOLD OF SLUM - 8





NAME OF TOWN - SONAMUKHI MUNICIPALITY

WARD NO - 1

SLUM CODE - 003

NAME OF SLUM - LOHARPARA

AREA OF SLUM - 0.0025 SQ.KM

POPULATION OF SLUM - 210

PROPOSED HOUSE HOLD OF SLUM - 3

## . LEGEND .

PROPOSED DWELLING HOUSE

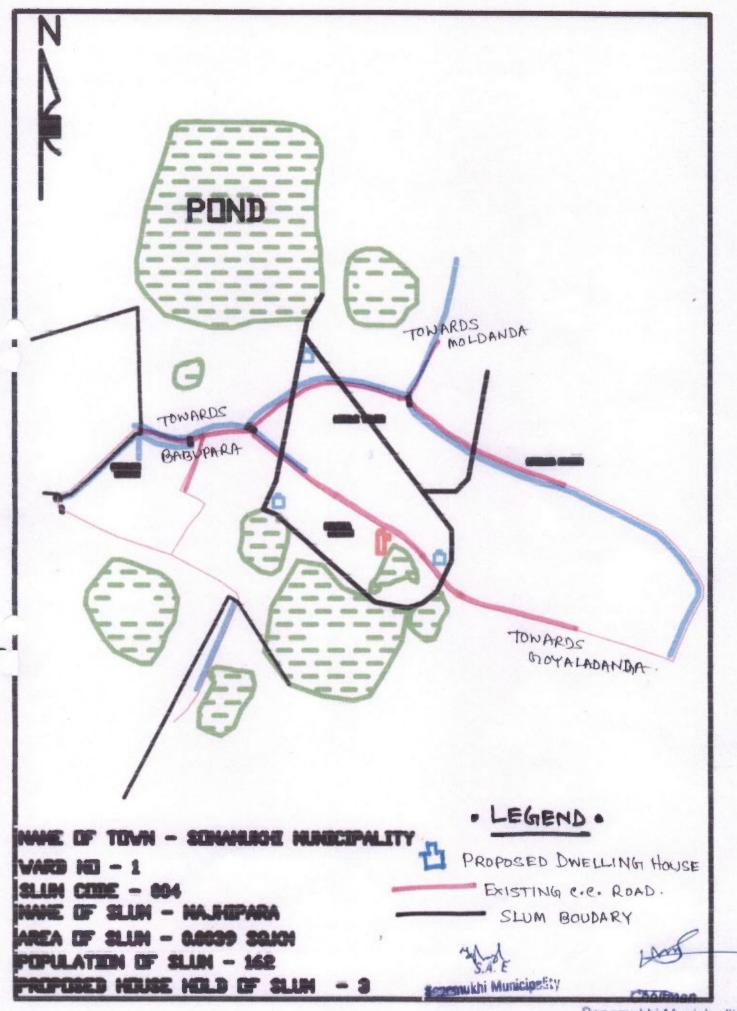
EXISTING C.C. ROAD.

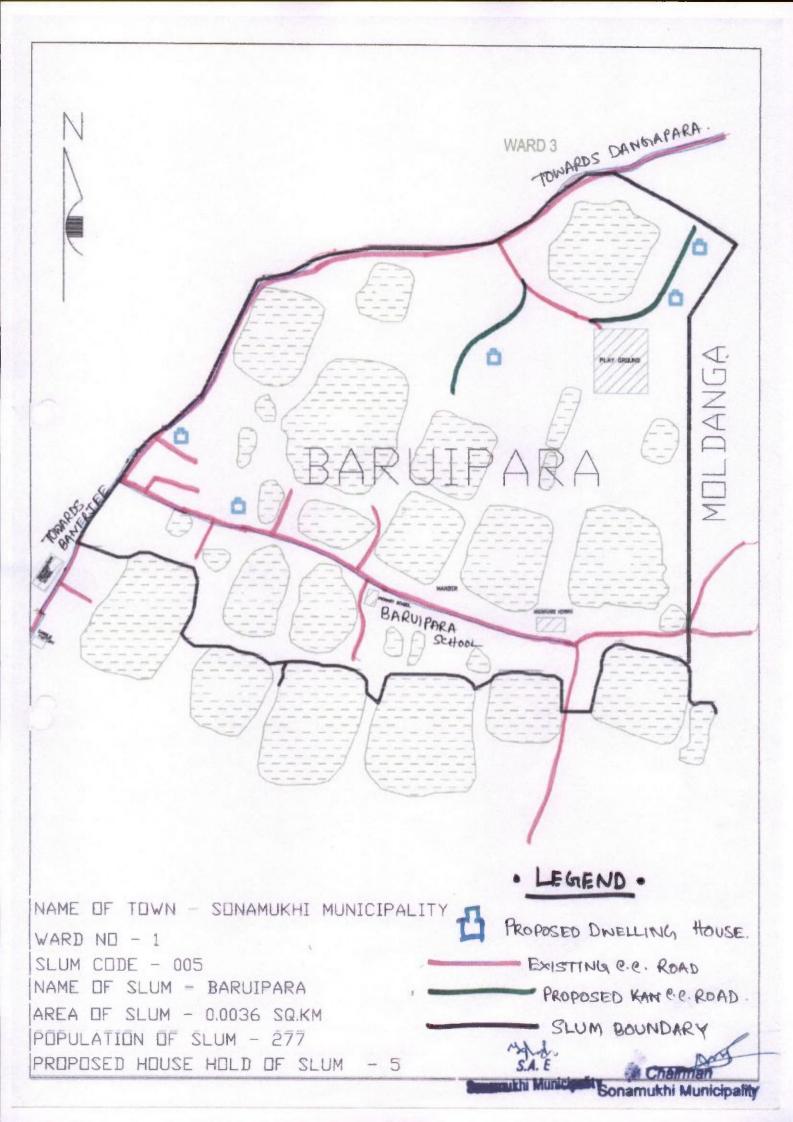
SLUM BOUNDARY



mukhi Municipality







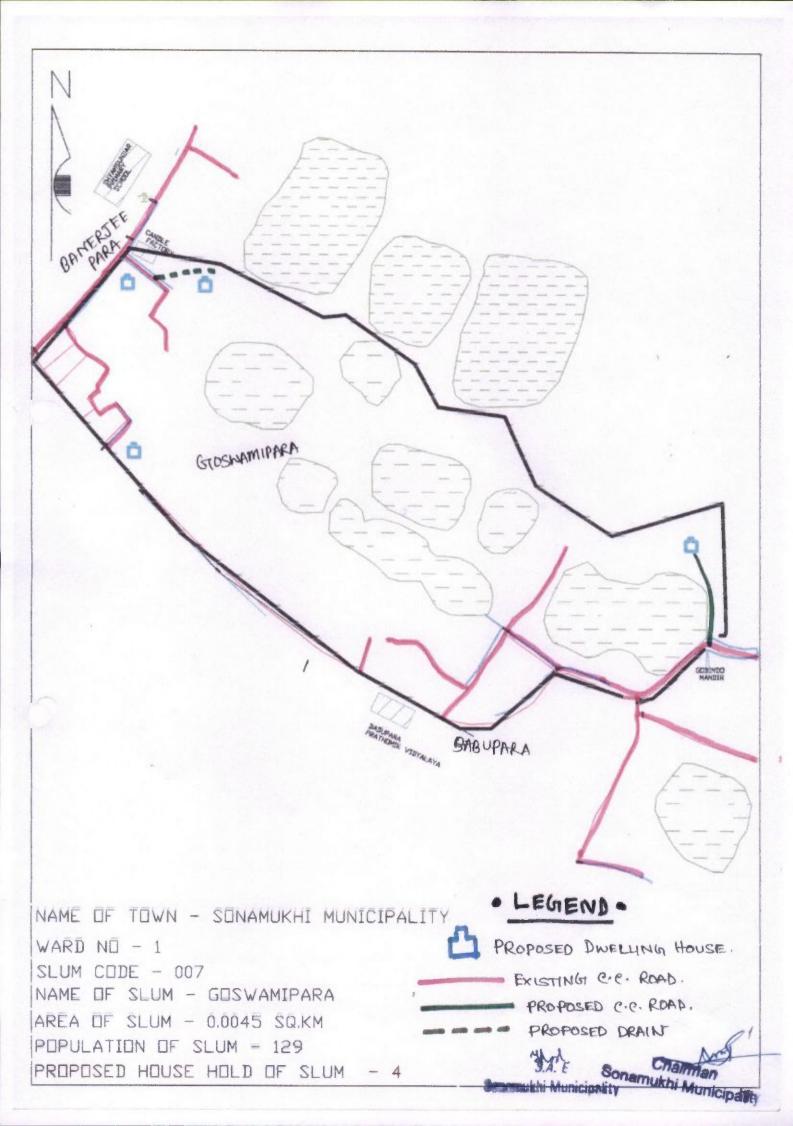


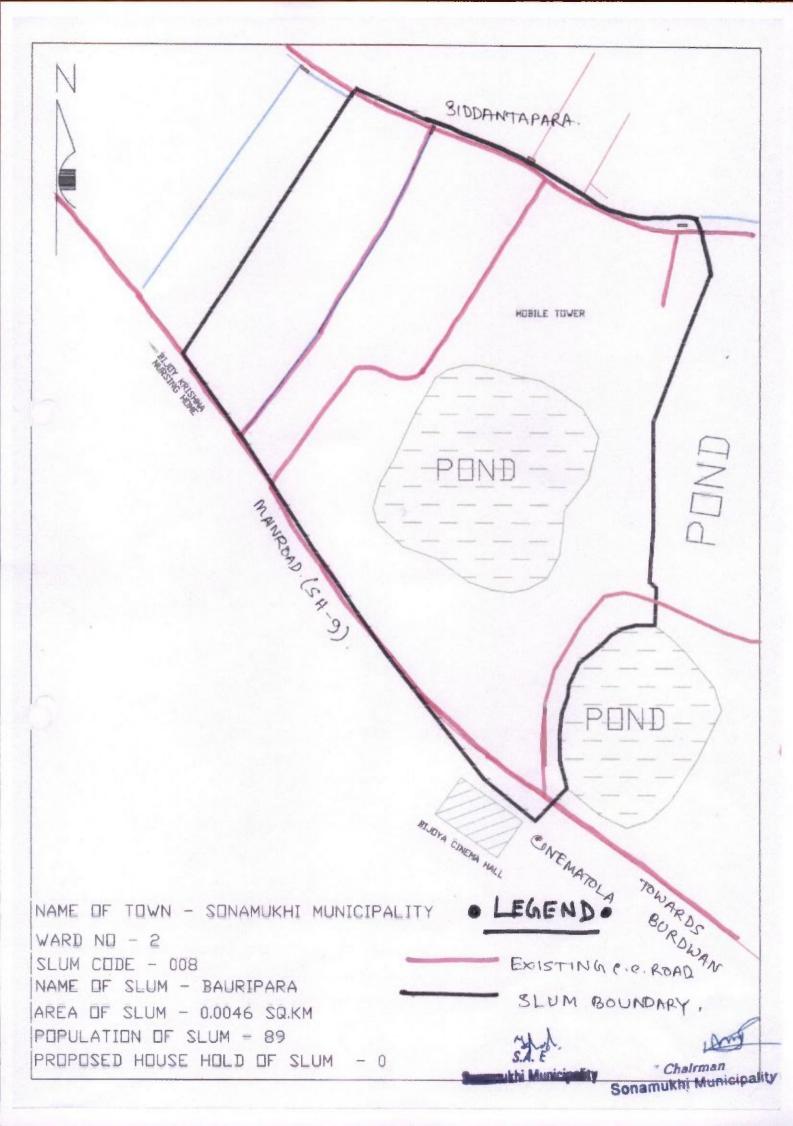
NAME OF TOWN - SUNAMUKHI MUNICIPALITY PROPOSED DWELLING HOUSE
WARD NO - 1
SLUM BOUNDARY
SLUM CODE - 006
NAME OF SLUM - BAURIPARA

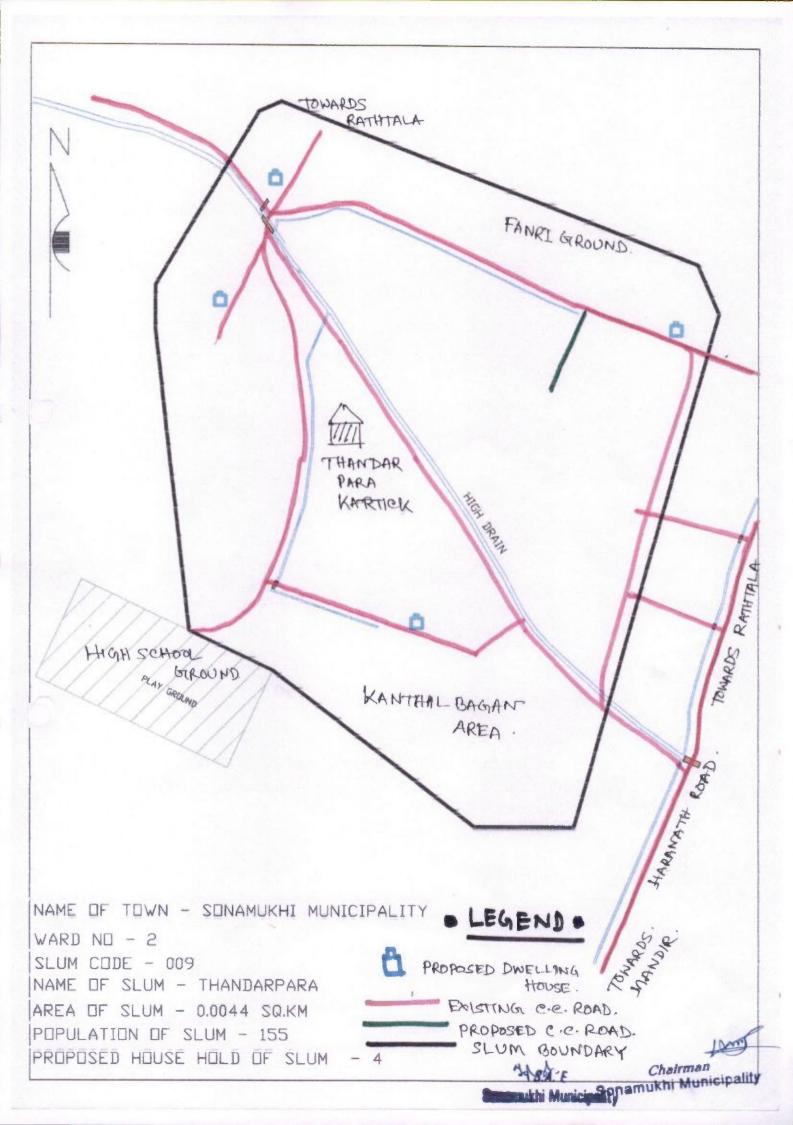
AREA OF SLUM - 0.0145 SQ.KM
POPULATION OF SLUM - 165
PROPOSED HOUSE HOLD OF SLUM -

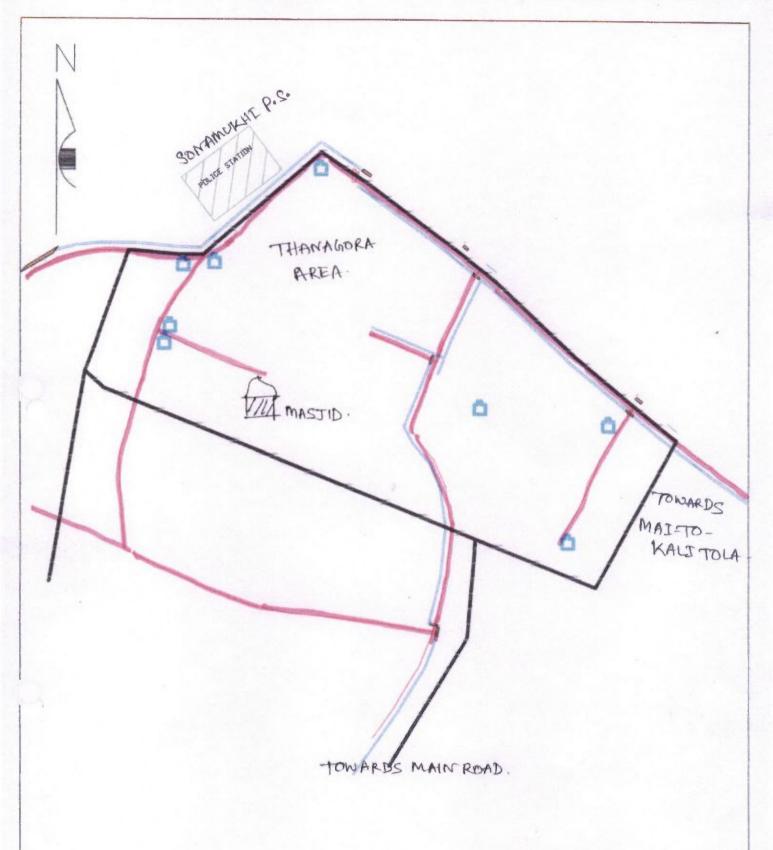
S.A. É

Chairman Sonamukhi Municipalin









WARD NO - 2

SLUM CODE - 010

NAME OF SLUM - METEPARA

AREA OF SLUM - 0.0048 SQ.KM

POPULATION OF SLUM - 159

PROPOSED HOUSE HOLD OF SLUM - 8

#### · LEGEND ·

PROPOSED DWELLING HOUSE.

EXISTING C.C. ROAD.

SLUM BOUNDARY.

Chairman S.A. E Sonamukhi Municipality

manukhi Municipakty



WARD NO - 2

SLUM CODE - 011

NAME OF SLUM - CHUNRIPARA

AREA OF SLUM - 0.0110 SQ.KM

POPULATION OF SLUM - 104

PROPOSED HOUSE HOLD OF SLUM - 3

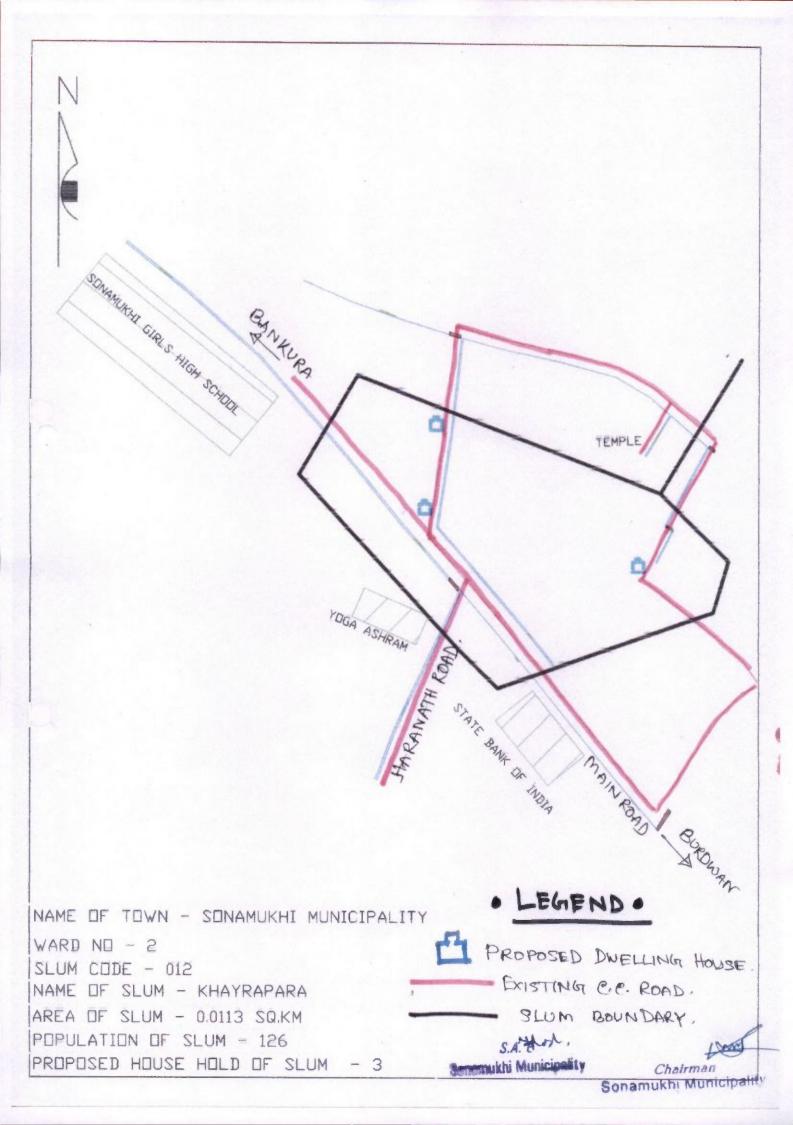
#### · LEGEND ·

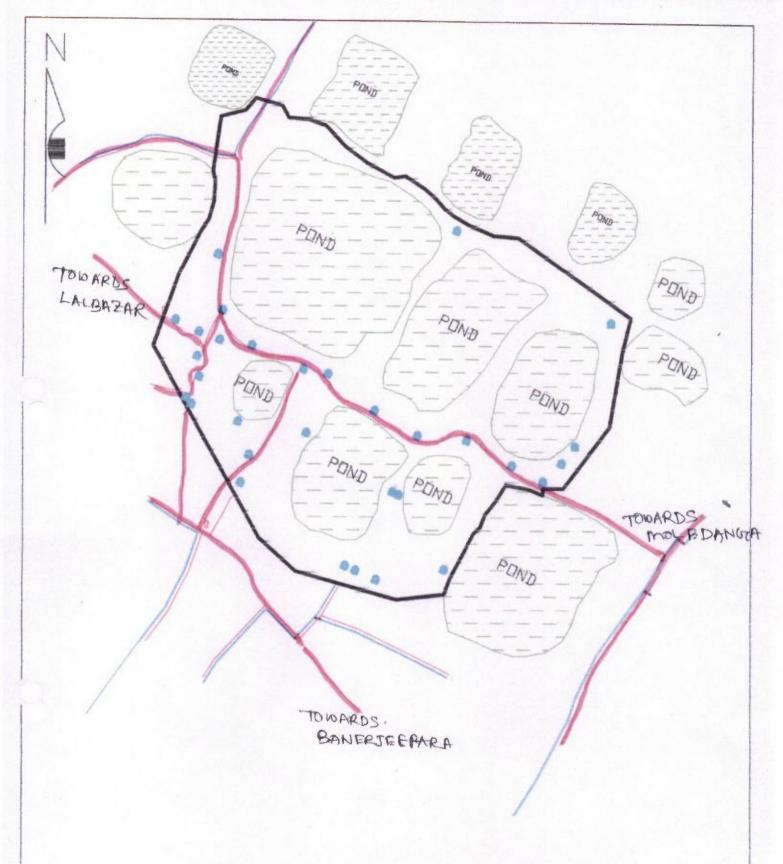
PROPOSED DWELLING HOUSE.

EXISTING C.C. ROAD.

SLUM BOUNDARY.

Chairman S.A. E Sonamukhi Municipality





WARD NO - 3

SLUM CODE - 013

NAME OF SLUM - GABALEPARA

AREA DF SLUM - 0.0030 SQ.KM

POPULATION OF SLUM - 216

PROPOSED HOUSE HOLD OF SLUM - 31

#### · LEGEND ·

PROPOSED DWELLING HOUSE.

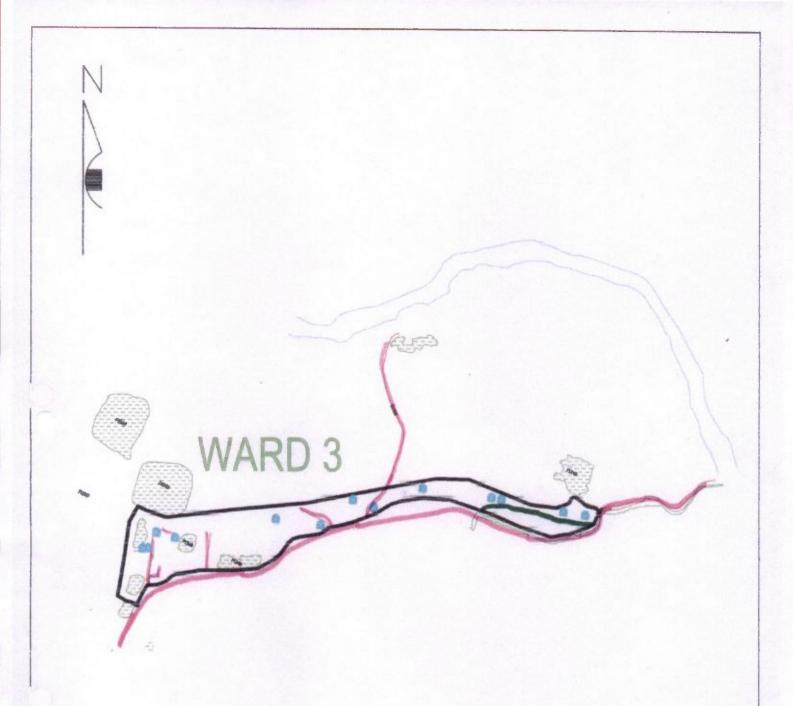
EXISTING C.C. ROAD.

SLUM BOUNDARY

S.A. E

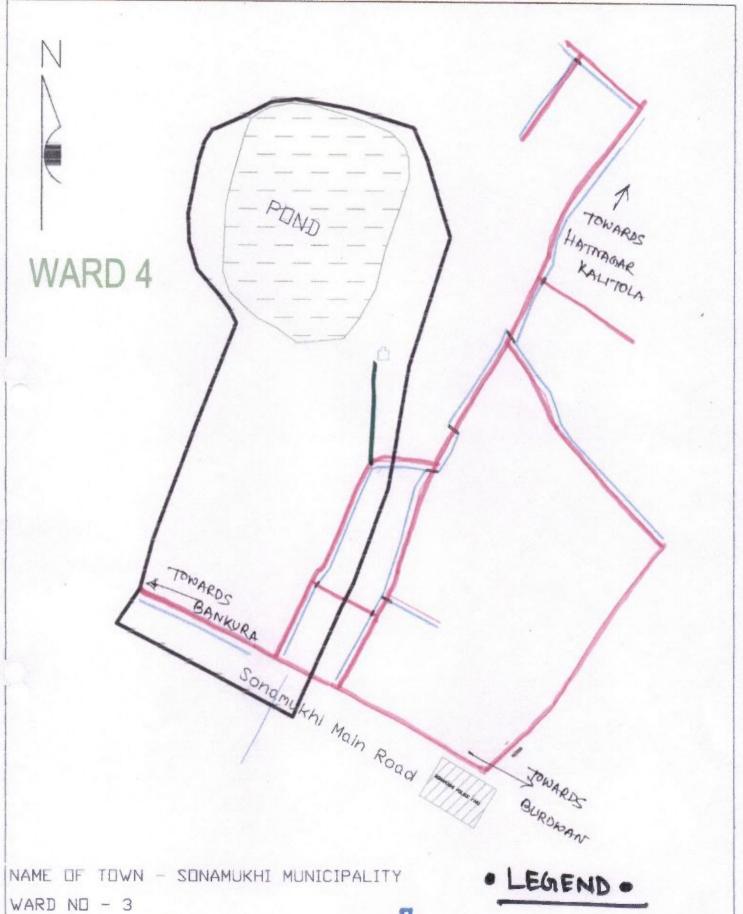
LANG

nukhi Municipality Sonamukhi Municipality



#### · LEGEND ·

NAME OF TOWN - SONAMUKHI MUNICIPALITY PROPOSED DWELLING HOUSE WARD NO - 3 SLUM CODE - 014 EXISTING C.C. ROAD. NAME OF SLUM - DANGAPARA PROPOSED e.e. ROAD. AREA OF SLUM - 0.0058 SQ.KM SLUM BOUNDARY. POPULATION OF SLUM - 98 PROPOSED HOUSE HOLD OF SLUM - 13 whi Municipality Sonamukhi Municipalit



SLUM CODE - 015

NAME OF SLUM - BAGANPARA

AREA OF SLUM - 0.0353 SQ.KM

POPULATION OF SLUM - 282

PROPOSED HOUSE HOLD OF SLUM - 1

PROPOSED DWELLING HOUSE.

EXISTING C. C. ROAD.

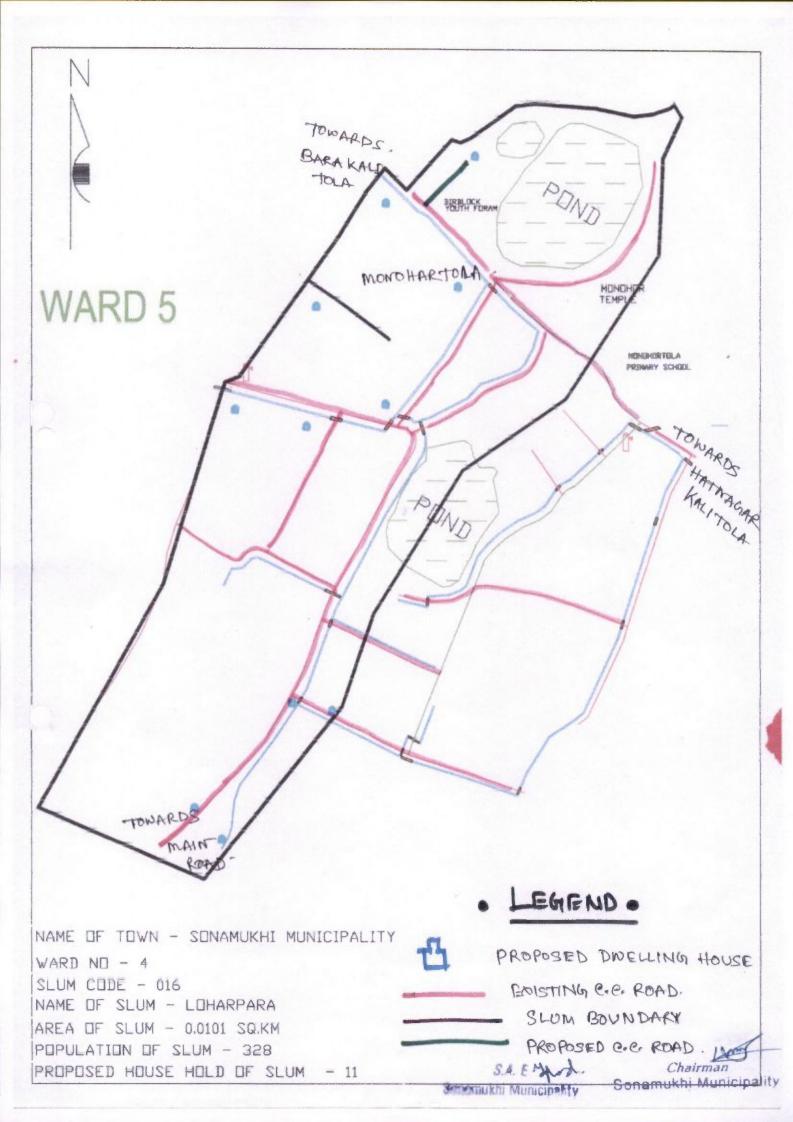
PROPOSED C. C. ROAD

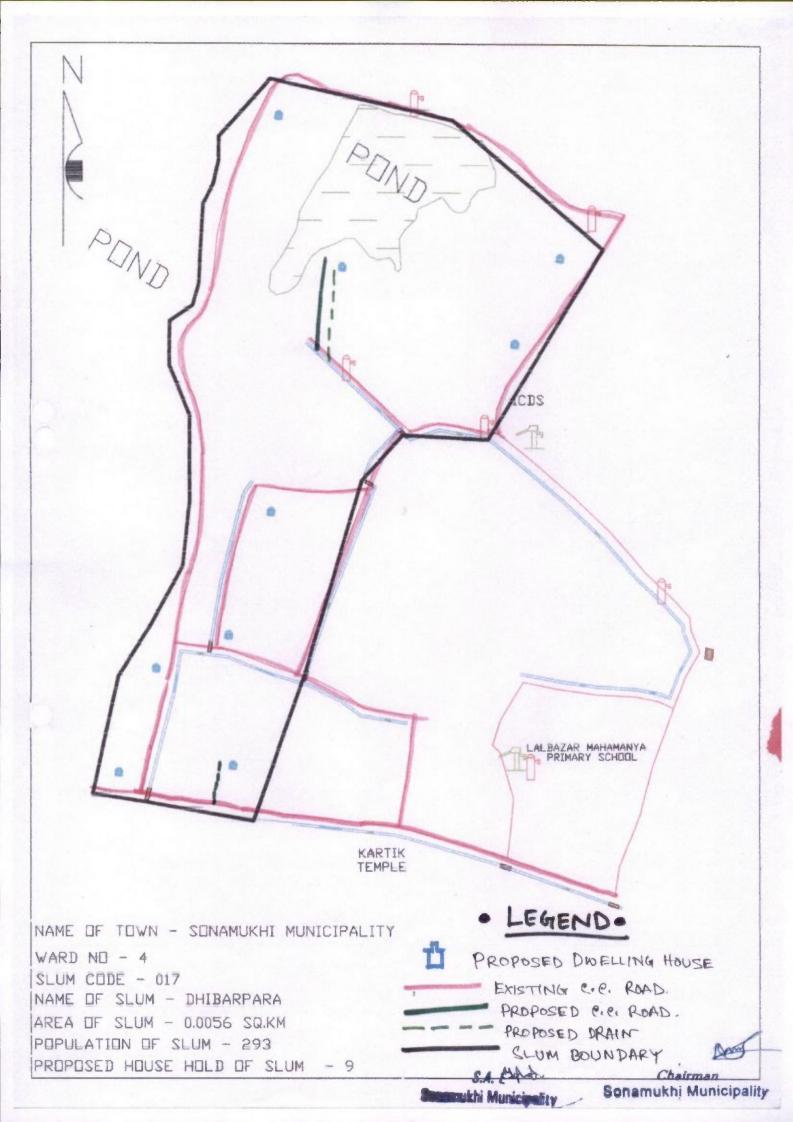
SLUM BOUNDARY.

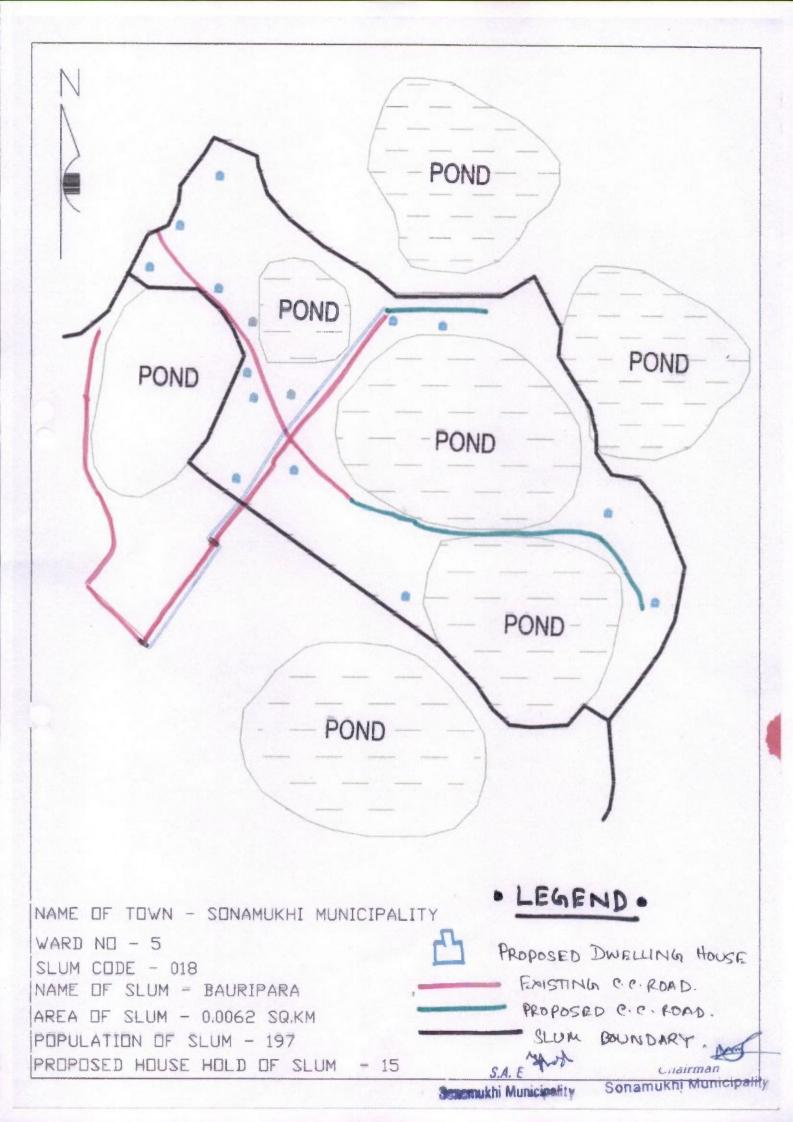
Chairman

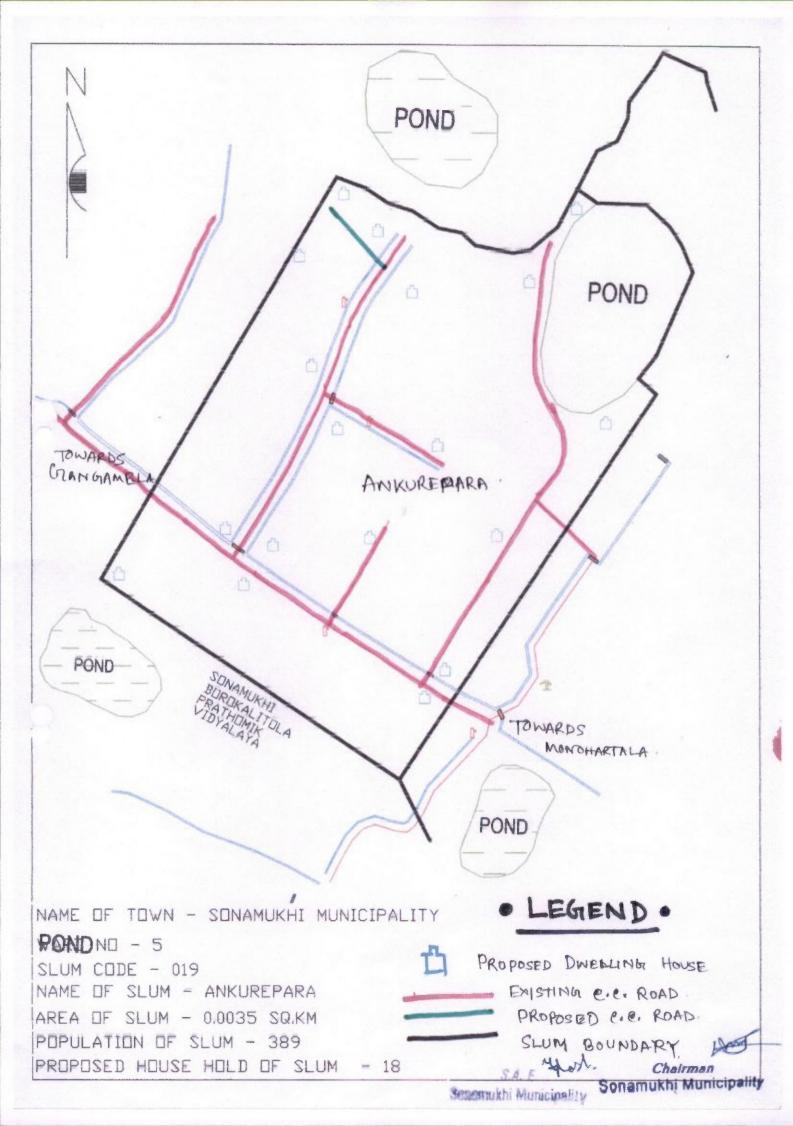
Sonamukhi Municipality

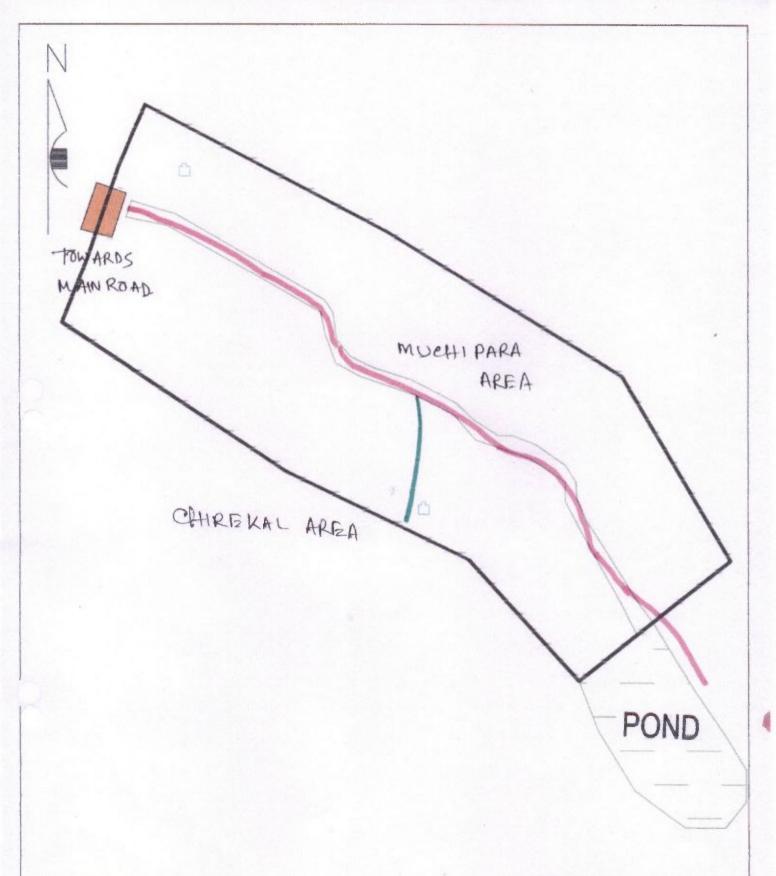
Manual Municipal!











· LEGEND'

WARD NO - 5 SLUM CODE - 020

NAME OF SLUM - MUCHIPARA

AREA OF SLUM - 0.0075 SQ.KM

POPULATION OF SLUM - 144

PROPOSED HOUSE HOLD OF SLUM

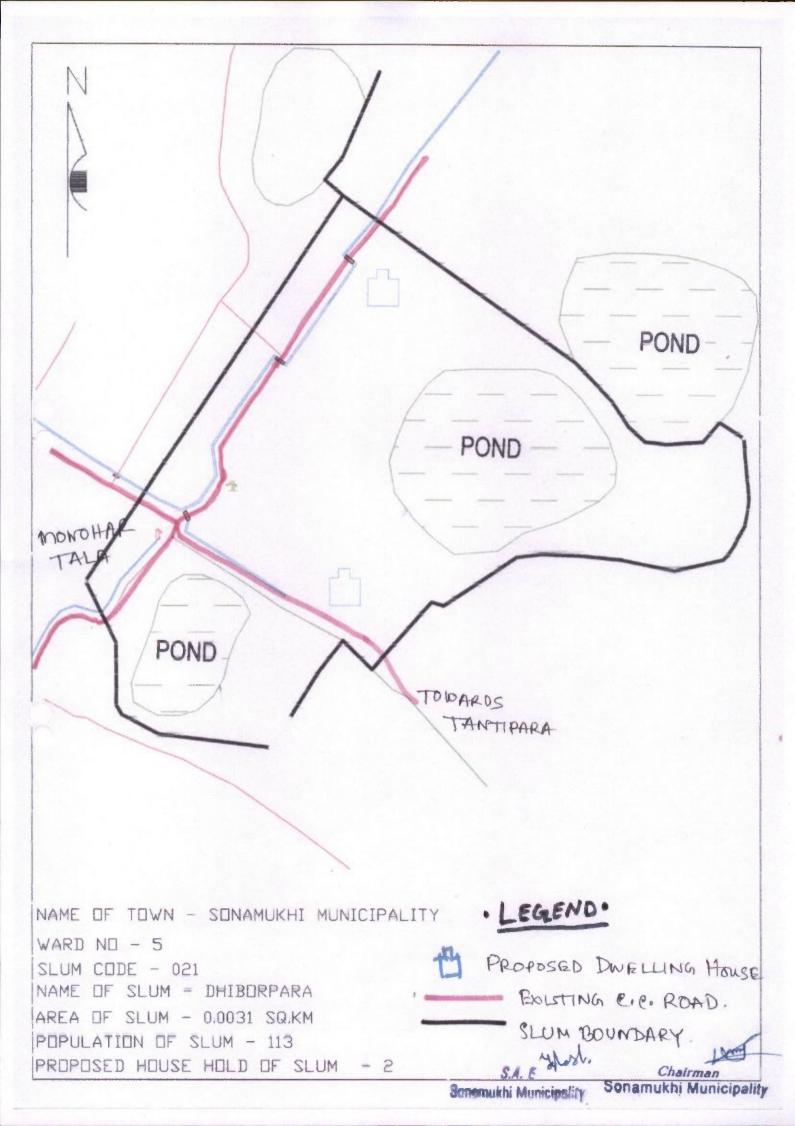
PROPOSED DWELLING HOUSE

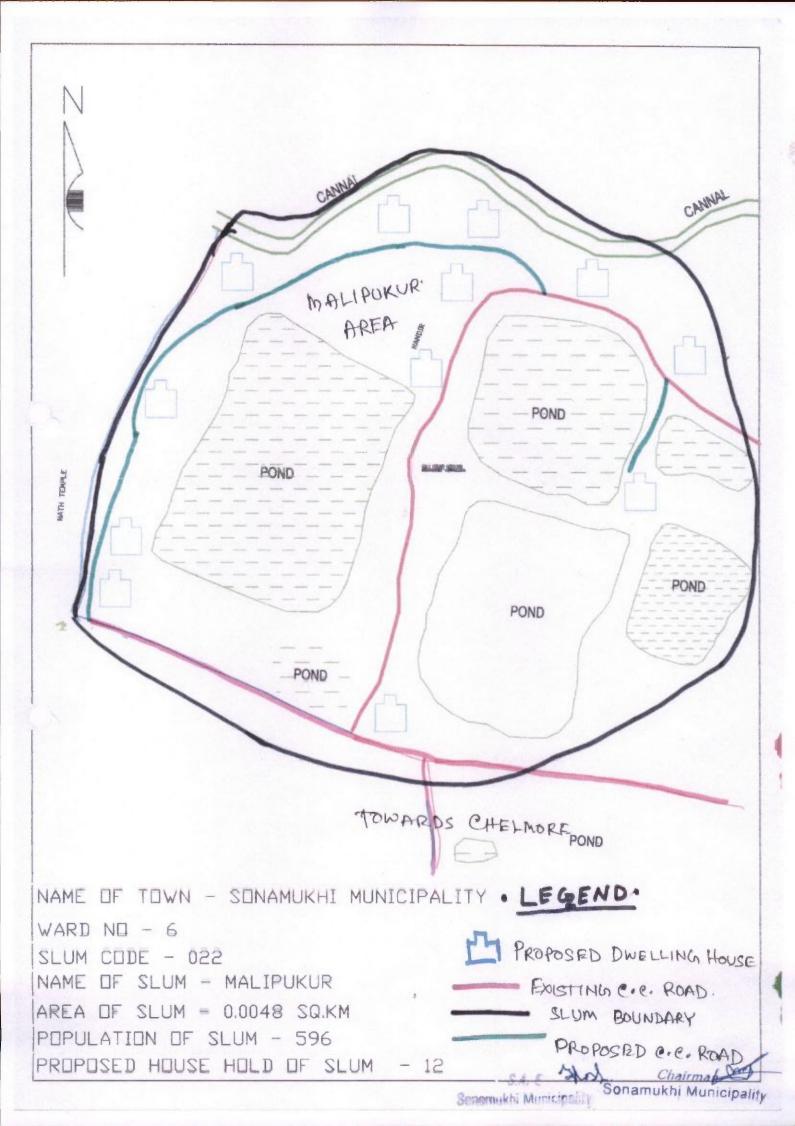
PROPOSE P.C.C. ROAD.

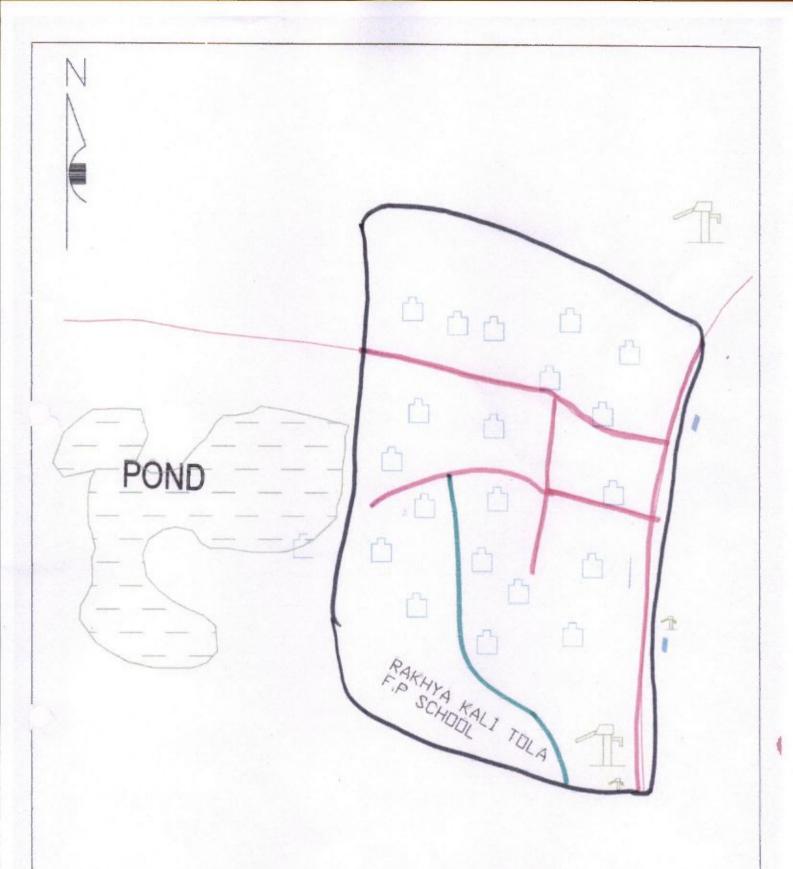
BOISTING E.C. ROAD

Sonamukhi Municipality

nukhi Municipality







#### · LEGLEND .

WARD NO - 6

SLUM CODE - 023

NAME OF SLUM - RAKSHAKALITOLA

AREA OF SLUM - 0.0057 SQ.KM

POPULATION OF SLUM - 375

PROPOSED HOUSE HOLD OF SLUM

21

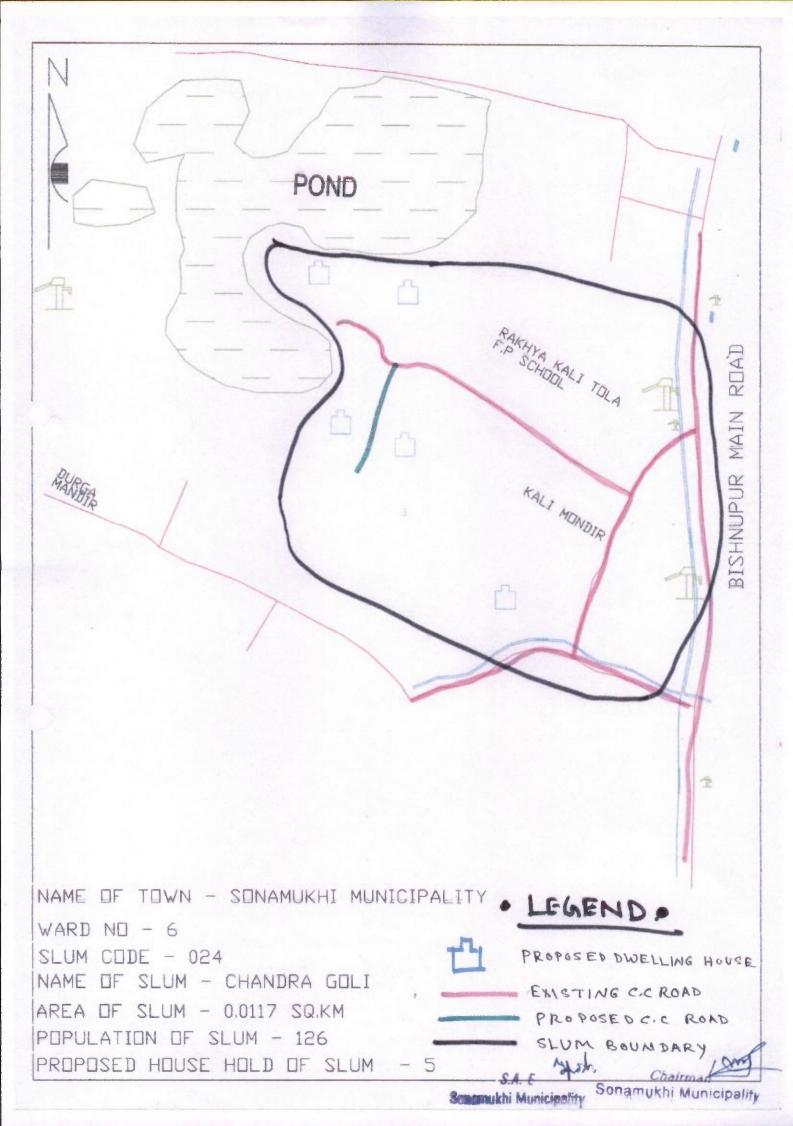
PROPOSED DWELLING HOUSE

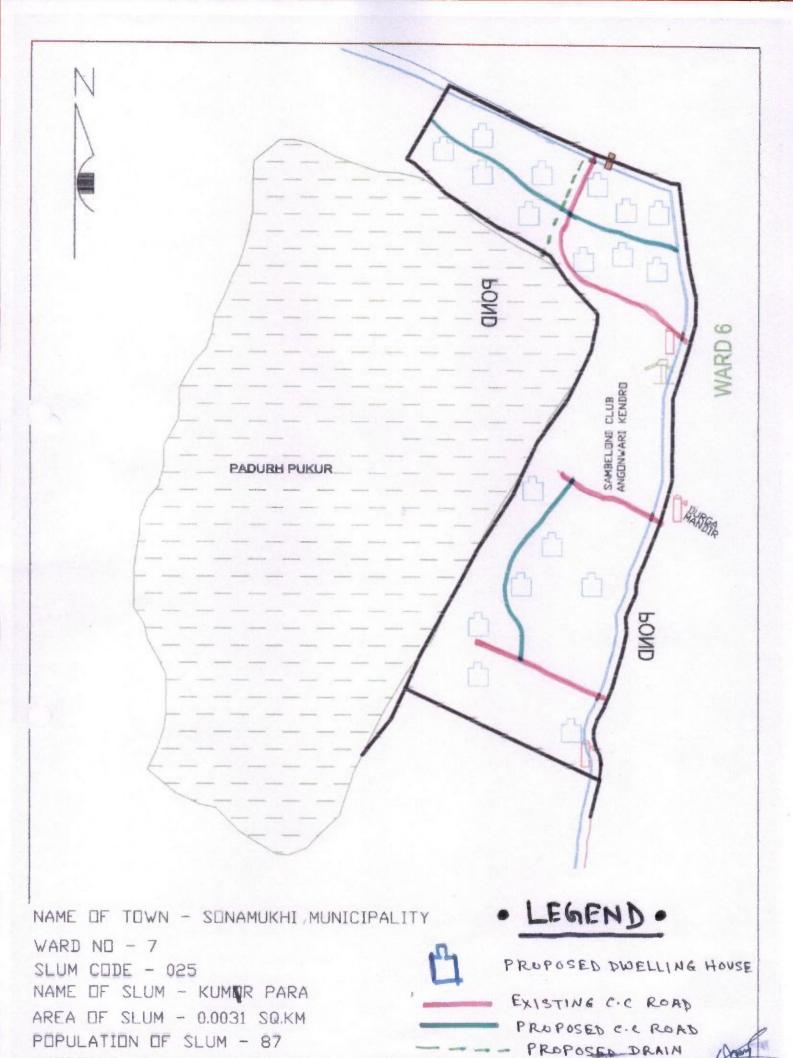
EXISTING CC ROAD
PROPOSED C.C ROAD
SLUM BOUNDARY

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Sonamukhi Muhicipality

**Samuel**khi Municipality





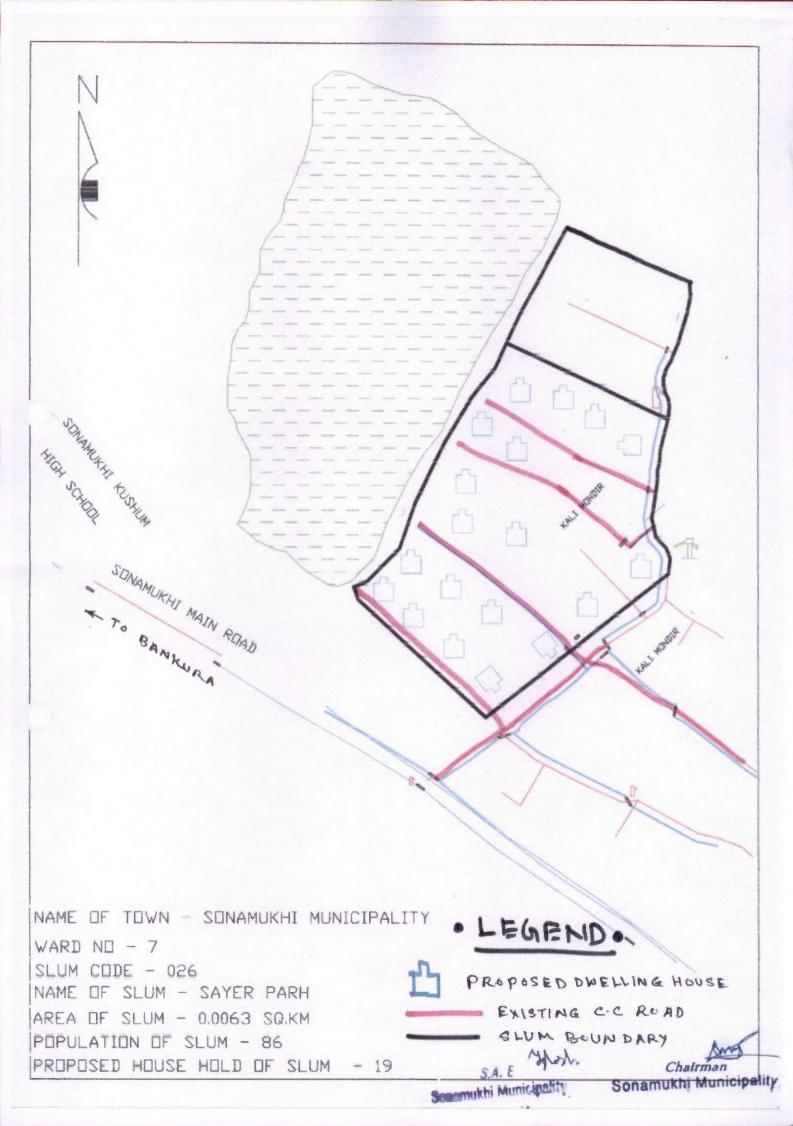
- 18

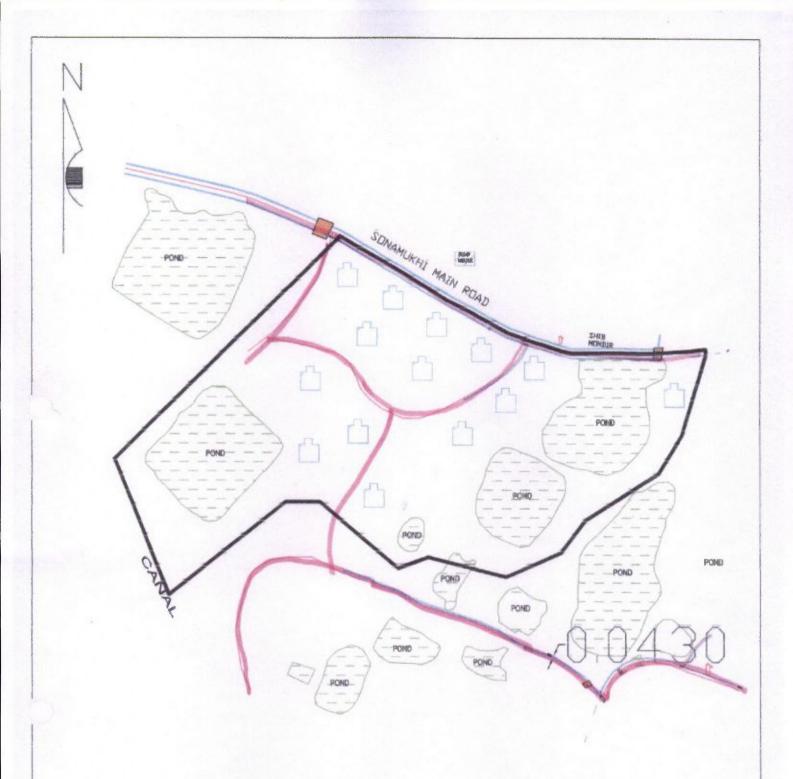
mukhi Municipality

SLUM BOUNGHAMAN

Sonamukhi Municipality

PROPOSED HOUSE HOLD OF SLUM





WARD NO - 8

SLUM CODE - 027

NAME OF SLUM - NAIFELA

AREA DF SLUM - 0.0086 SQ.KM

POPULATION OF SLUM - 237

PROPOSED HOUSE HOLD OF SLUM - 14

# · LEGEND ·

PROPOSED DWELLING HOUSE

EXISTING C.C ROAD

SLUM BOUNDARY

Jest .

Sonamukhi Municipality

manukhi Municipality



# WARD 10

NAME OF TOWN - SONAMUKHI MUNICIPALITY

WARD NO - 8

SLUM CODE - 028

NAME OF SLUM - HANRI PARA

AREA OF SLUM = 0.0085 SQ.KM

POPULATION OF SLUM - 97

PROPOSED HOUSE HOLD OF SLUM

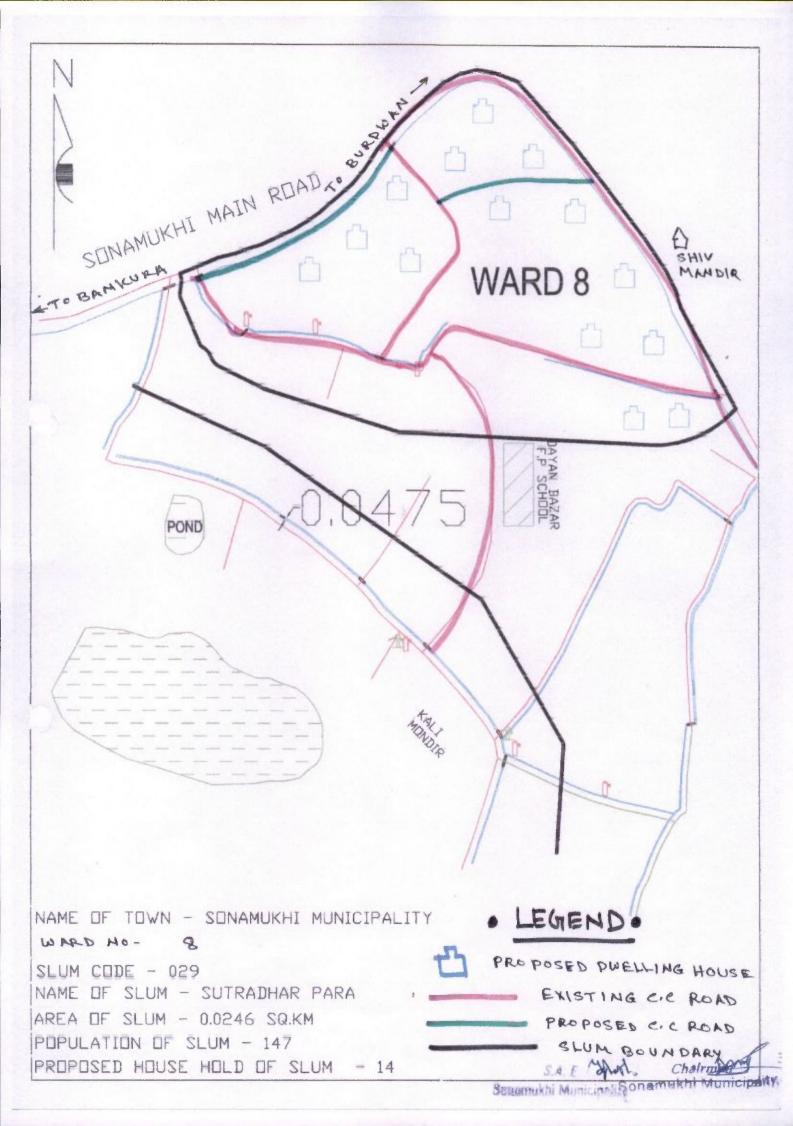
## LEGEND .

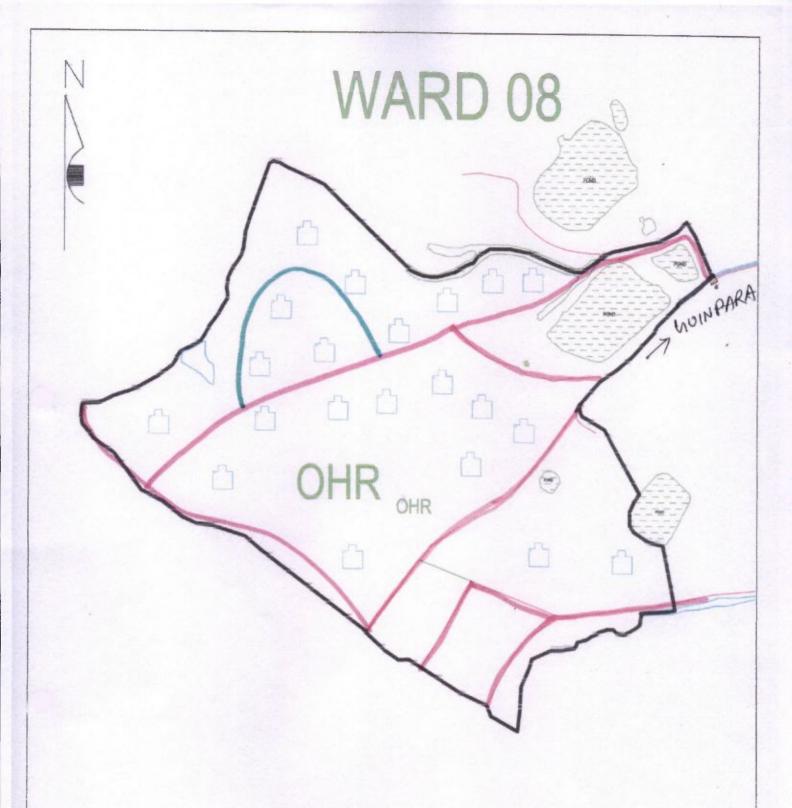
PROPOSED DWELLING HOUSE

EXISTING C.C ROAD

SLUM BOUNDARY

Senamukhi Municipality Sonamukhi Municipality





WARD NO - 9

SLUM CODE - 030

NAME OF SLUM - ADRAB BAZAR

AREA OF SLUM - 0.0157 SQ.KM

POPULATION OF SLUM - 278

PROPOSED HOUSE HOLD OF SLUM - 21

## LEGEND .

PROPOSED DIVELLING HOUSE

EXISTING C.C ROAD

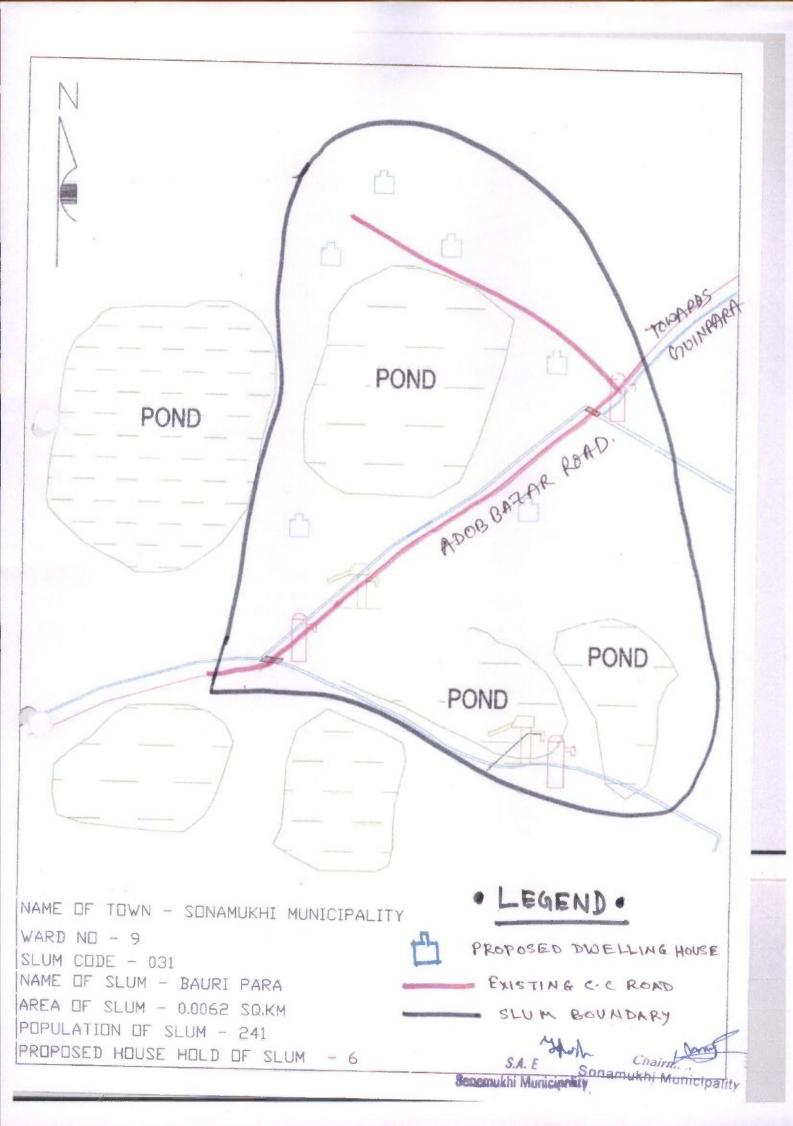
PROPOSED C.C ROAD

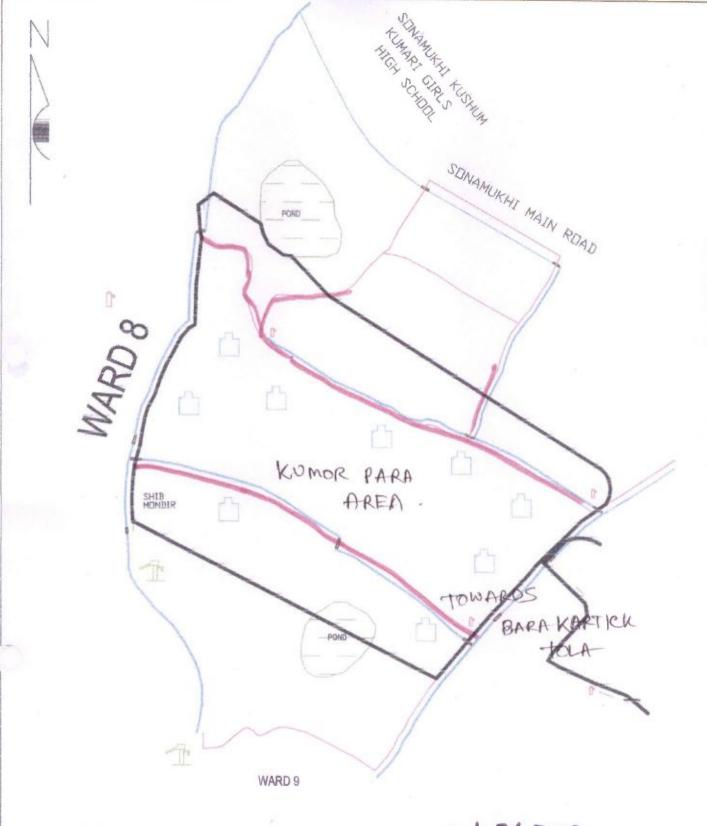
SLUM BOUNDARY

SA. E Splash

Chairtail

Municipality Sonamukhi Municipali





WARD NO - 10

SLUM CODE - 032

NAME OF SLUM - KUMOR PARA

AREA OF SLUM - 0.0030 SQ.KM

POPULATION OF SLUM - 108

PROPOSED HOUSE HOLD OF SLUM - 9

### · LEGEND ·

PROPOSED DWELLING HOUSE

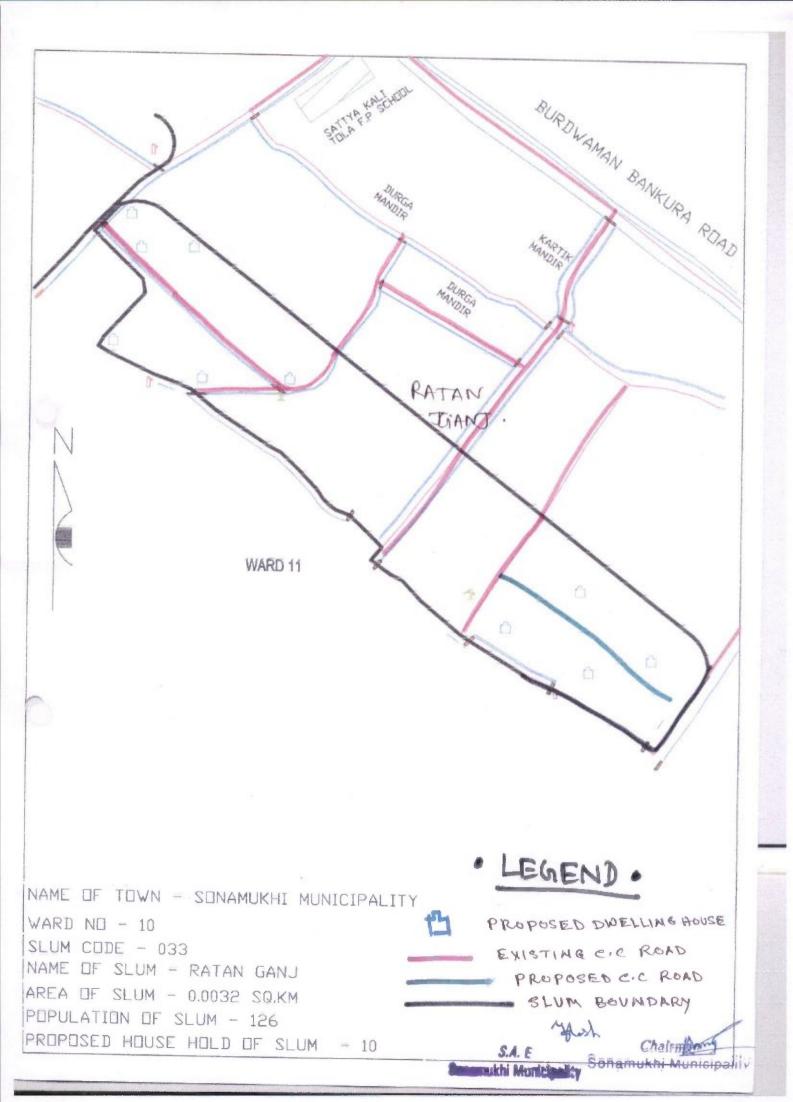
EXISTING C.C ROAD

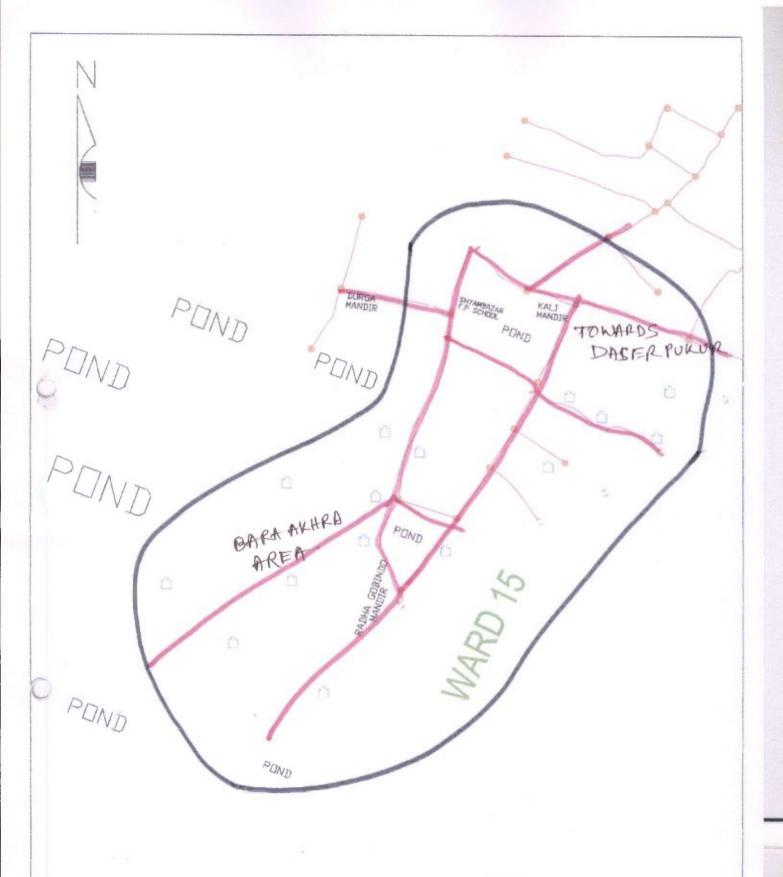
SLUM BOUNDARY

S.A. E Mash

Chairman

Sestemakhi Manicipolity Sonamukhi Municipality





WARD NO - 11

SLUM CODE - 034

NAME OF SLUM - BARA AKHRA

AREA OF SLUM - 0.0045 SQ.KM

POPULATION OF SLUM - 130

PROPOSED HOUSE HOLD OF SLUM - 15

## · LEGEND ·

PROPOSED DWELLING HOUSE

EXISTING C-C ROAD

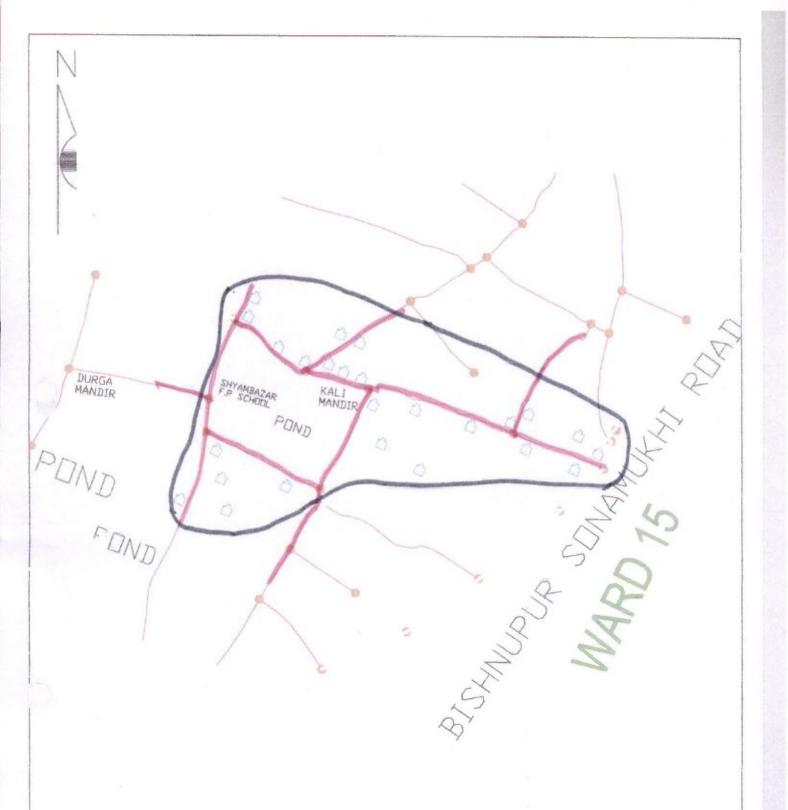
SLUM BOUNDARY

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enomy the University State

Sonamukhi Municipality

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# · LEGEND ·

NAME OF TOWN - SONAMUKHI MUNICIPALITY
WARD NO - 11
SLUM CODE - 035
NAME OF SLUM - TEMATHA KALITOLA
AREA OF SLUM - 0.0083 SQ.KM

POPULATION OF SLUM - 231

PROPOSED HOUSE HOLD OF SLUM - 25



PROPOSED DWELLING HOUSE

EXISTING C. CROAD

SLUM BOUNDARY

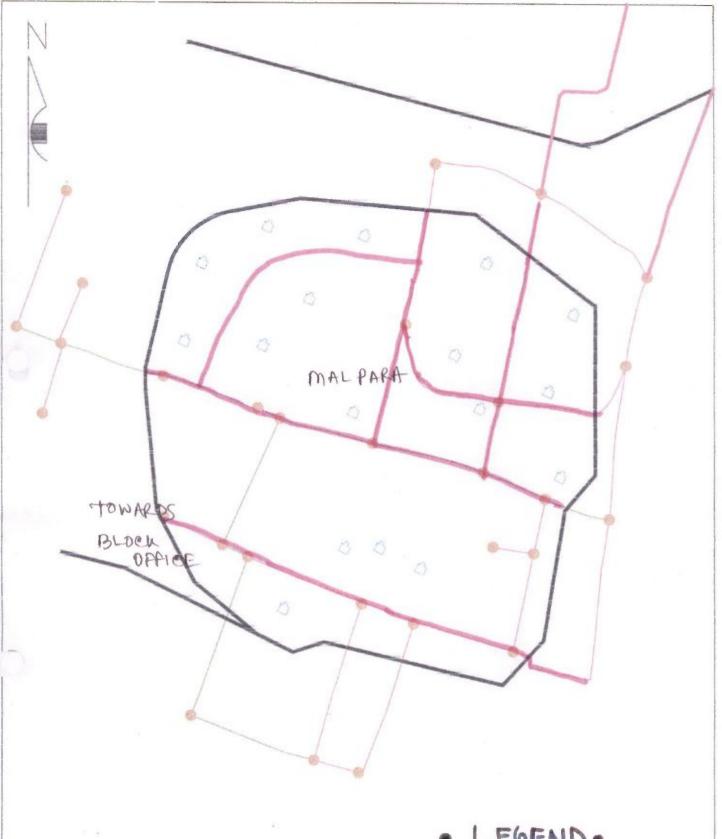
S.A. Edwh.

Sznemukhi Municipalin



Chairman

Sonamukhi Municipality



WARD NO - 12

SLUM CODE - 036

NAME OF SLUM - MAL PARA

AREA OF SLUM - 0.0078 SQ.KM

POPULATION OF SLUM - 196

PROPOSED HOUSE HOLD OF SLUM - 17

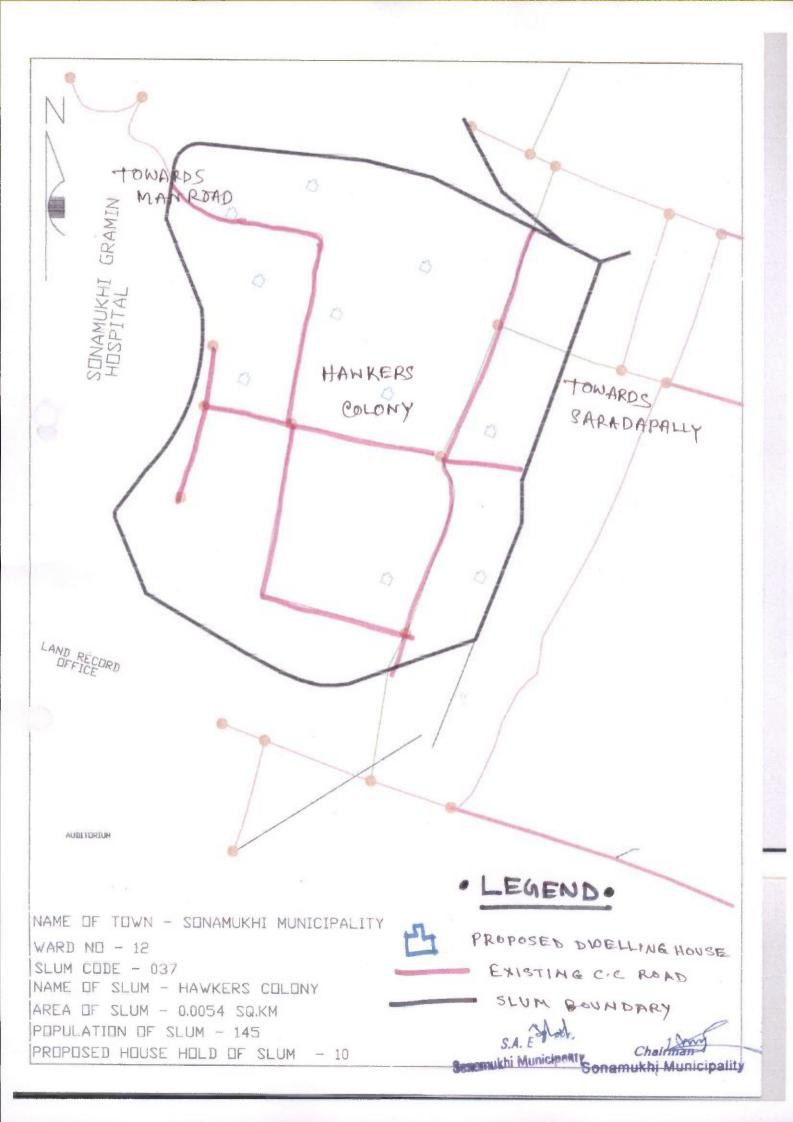
#### LEGEND .

PROPOSED DIO ELLINE HOUSE

EXISTING C.C ROAD

SLUM BOUNDARY

nukhi Municipality





## · LEGEND ·

NAME OF TOWN - SONAMUKHI MUNICIPALITY PROPOSED DWELLING HOUSE

WARD NO - 12

SLUM CODE - 038

NAME OF SLUM - THANDAR PARA

AREA OF SLUM - 0,0042 SQ.KM

POPULATION OF SLUM - 215

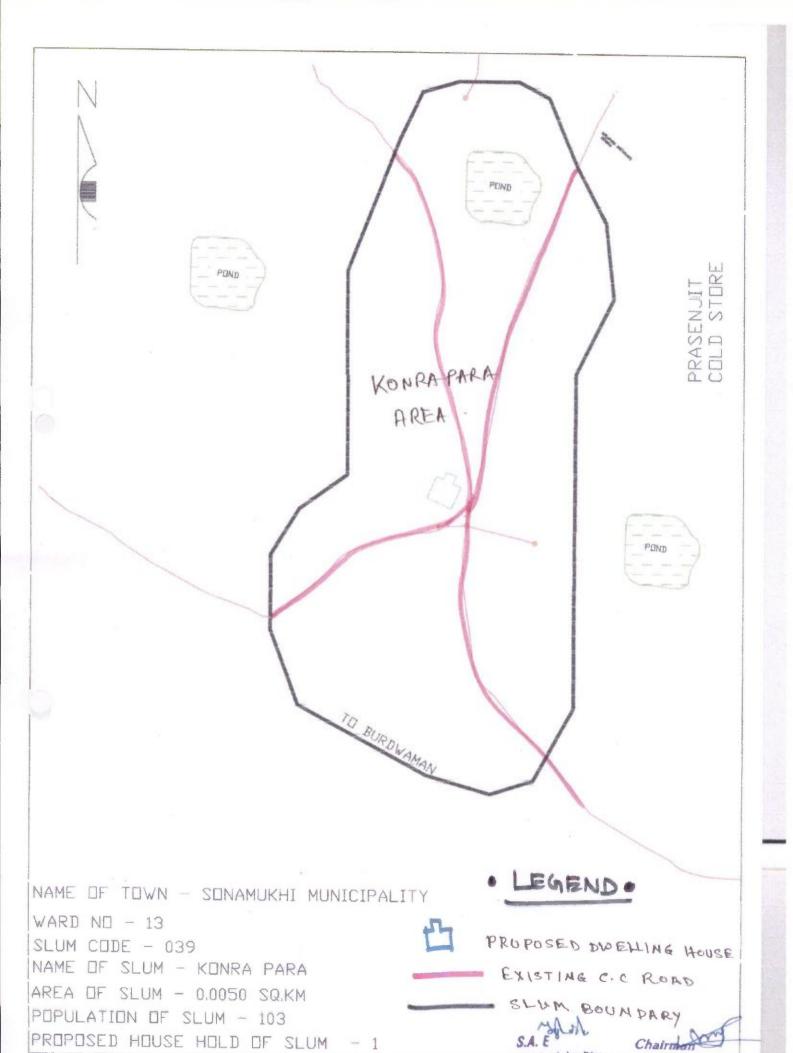
PROPOSED HOUSE HOLD OF SLUM - 10



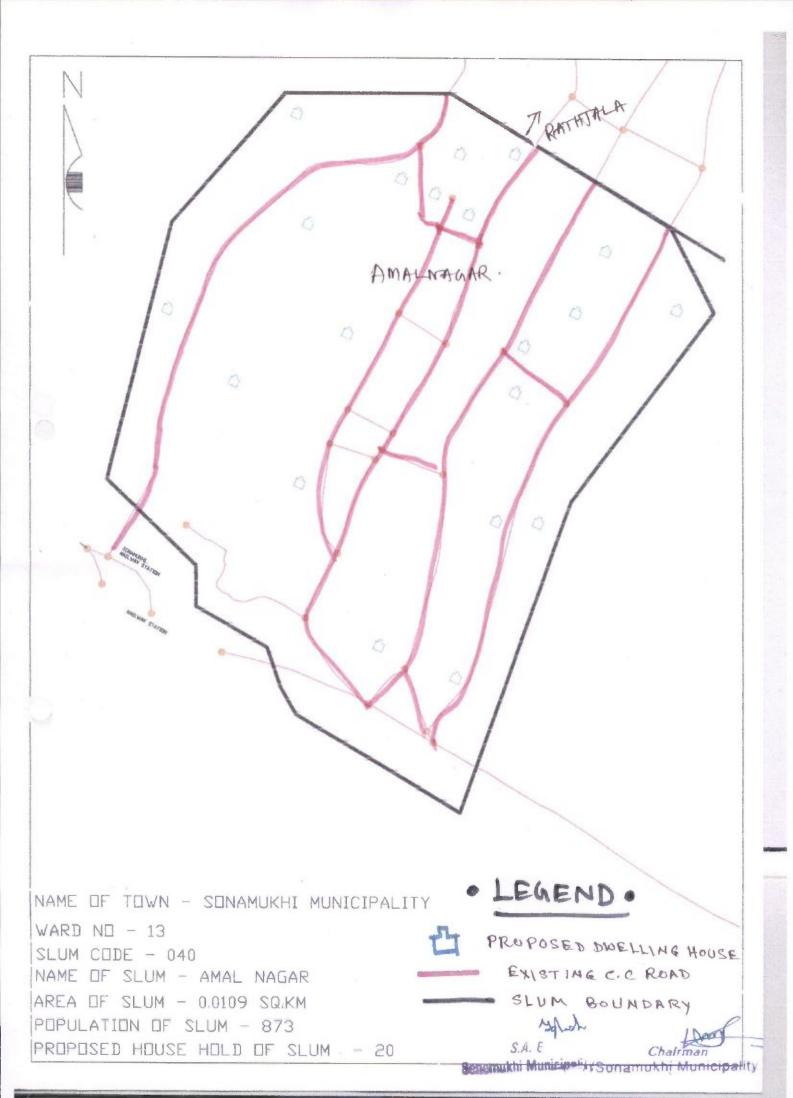
EXISTING C.C ROAD

SLUM BOUNDARY

Senemukhi Municinelity Sonamukhi Municipality



sukhi Municipalitynamukhi Municipality





NAME OF SLUM - KABAR DANGA

AREA OF SLUM - 0.0091 SQ.KM

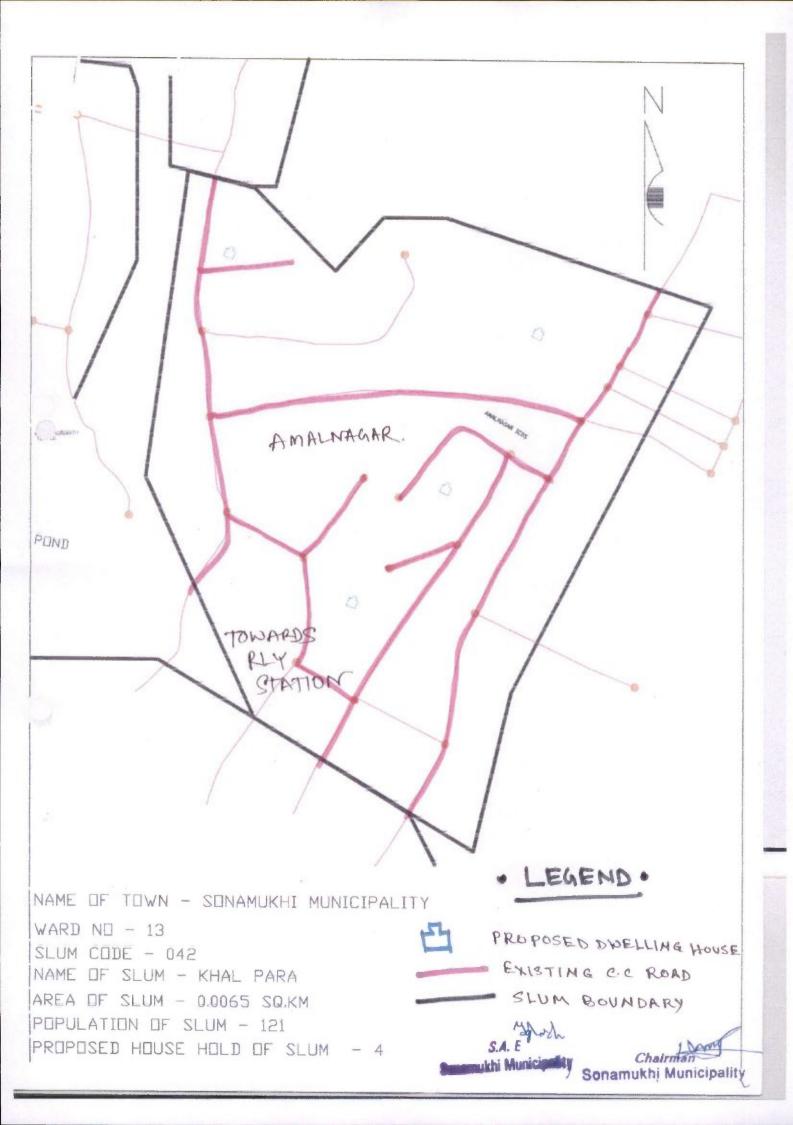
POPULATION OF SLUM - 119

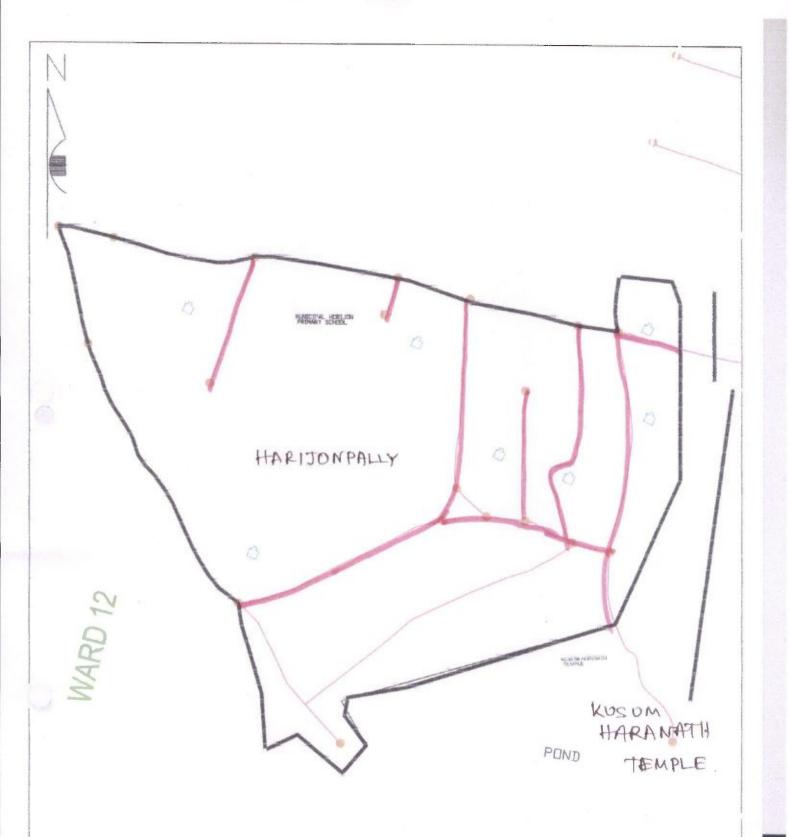
PROPOSED HOUSE HOLD OF SLUM - 20

EXISTING C.C ROAD

SLUM BOUNDARY

Separnukh Municipality-





NAME OF TOWN - SONAMUKHI MUNICIPALITY

WARD NO - 13

SLUM CODE - 043

NAME OF SLUM - SWEEPERS COLONY

AREA DF SLUM - 0.0125 SQ.KM

POPULATION OF SLUM - 104

PROPOSED HOUSE HOLD OF SLUM - 7

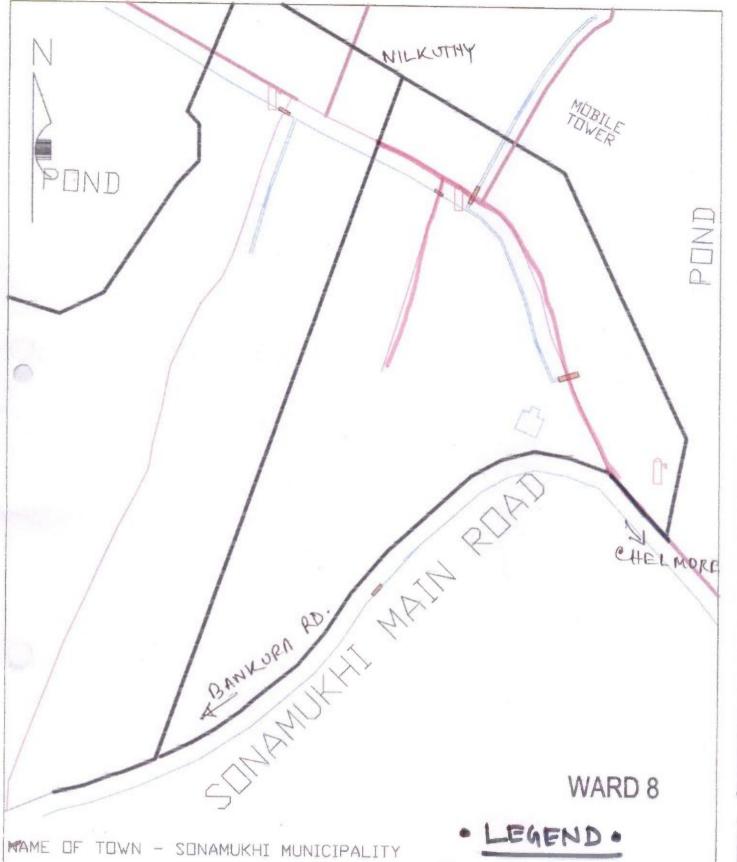
## · LEGEND ·

PROPOSED DWELLING HOUSE

EXISTING C.C ROAD

SLUM BOUNDARY

Senemukhi Municipality Sonamukhi Municipality



WARD NO - 14

SLUM CODE - 044

NAME OF SLUM - BAURI PARA SAHEB KUTHI

AREA OF SLUM - 0.0035 SQ.KM

POPULATION OF SLUM - 82

PROPOSED HOUSE HOLD OF SLUM - 1

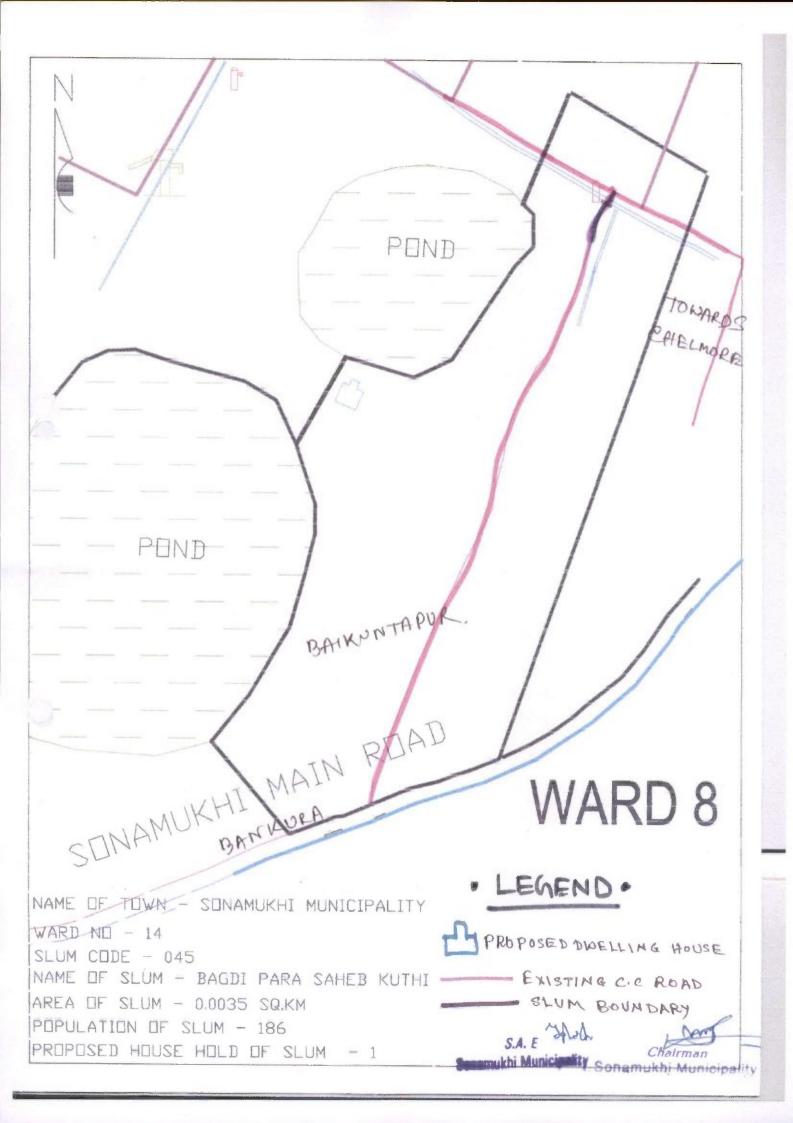
PRUPOSED DWELLING HOUSE

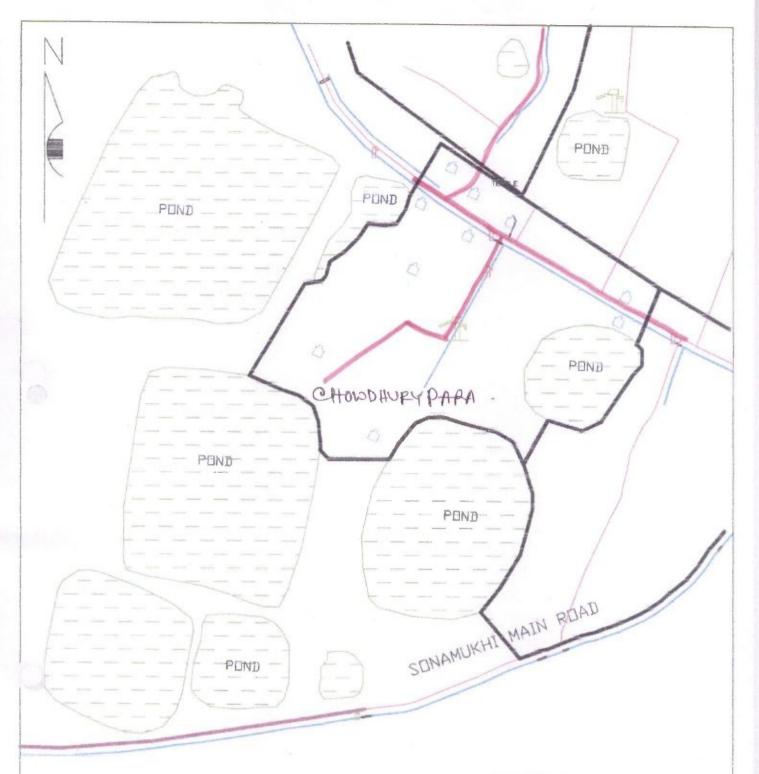
EXISTING C.C ROAD

SLUM BOUNDARY

S.A. E

Senemukhi Municipality Sonamukhi Municipality





## · LEGEND ·

PROPOSED DWELLING HOUSE

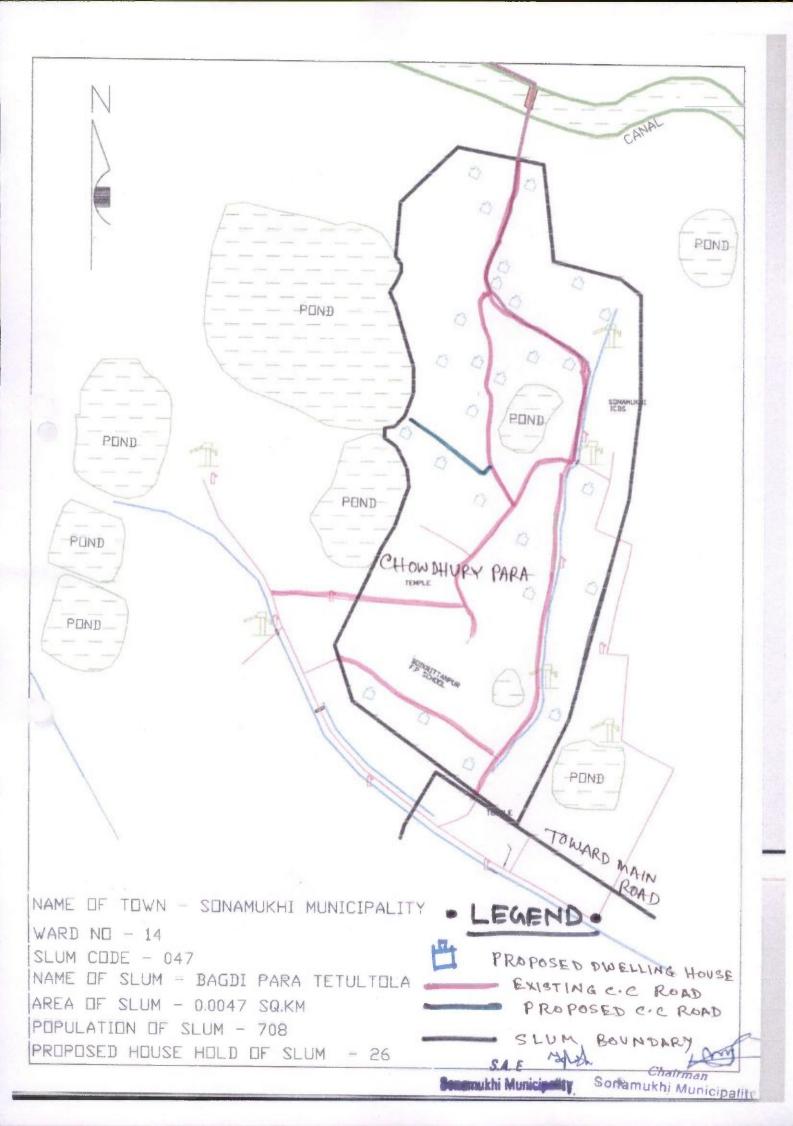
EXISTING CE ROAD

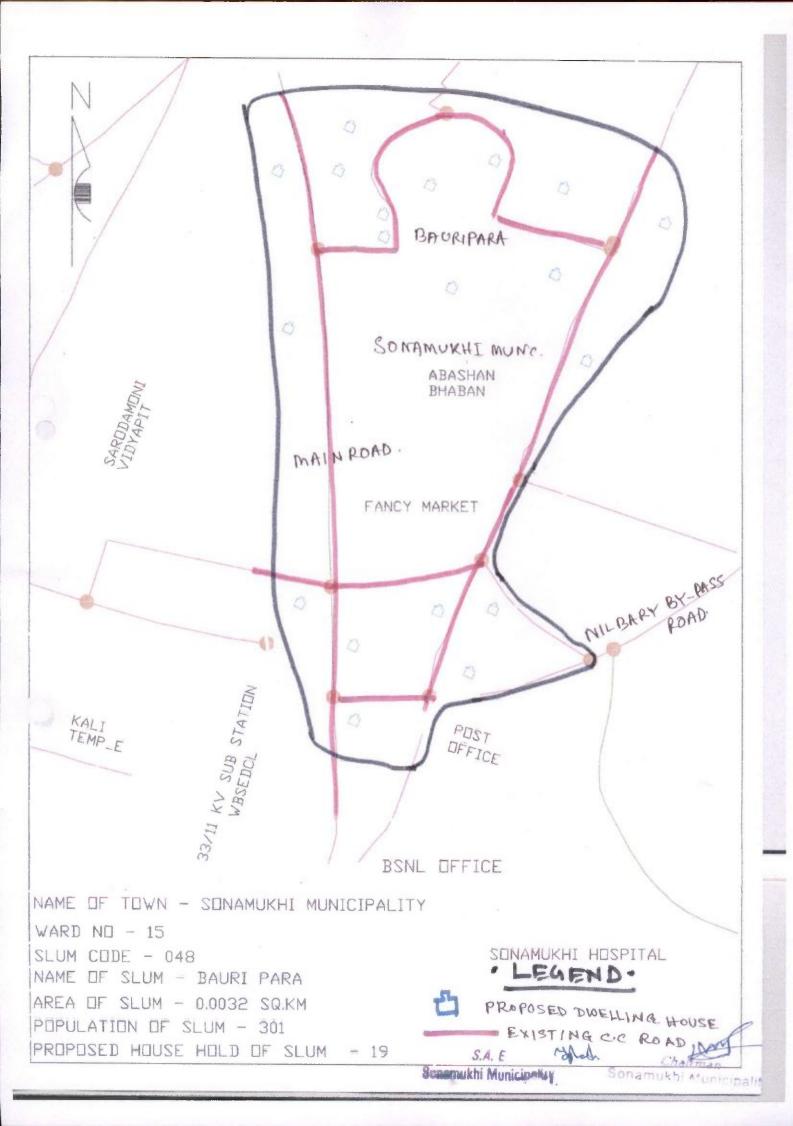
SLUM BOUNDARY

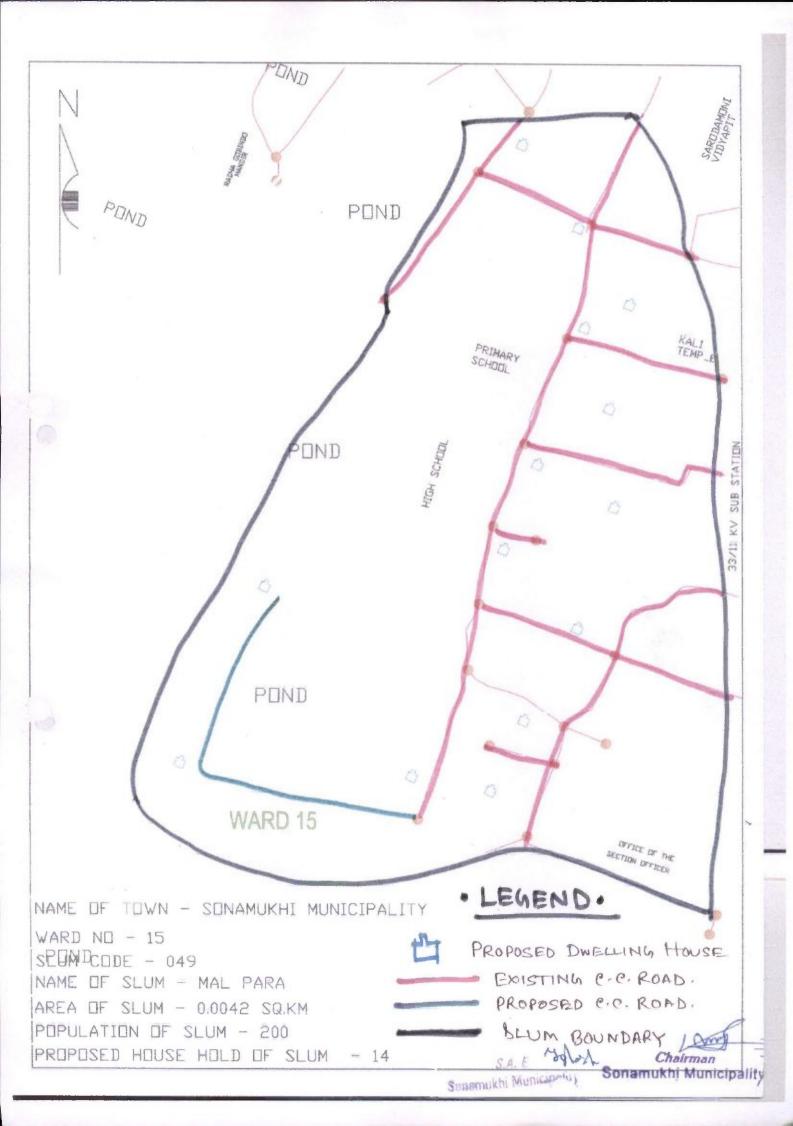
NAME OF TOWN - SONAMUKHI MUNICIPALITY WARD NO - 14 SLUM CODE - 046 NAME OF SLUM - BAURI PARA TETULTOLA AREA OF SLUM - 0.0030 SQ.KM POPULATION OF SLUM = 176

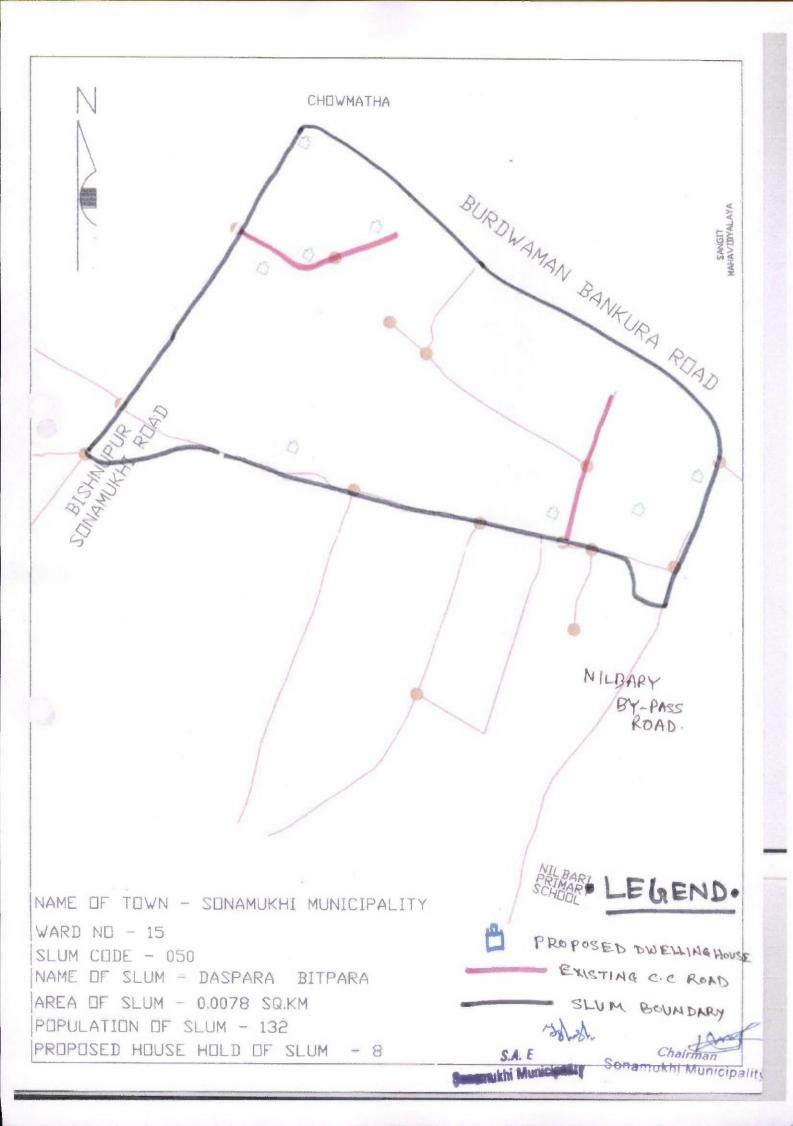
PROPOSED HOUSE HOLD OF SLUM - 10

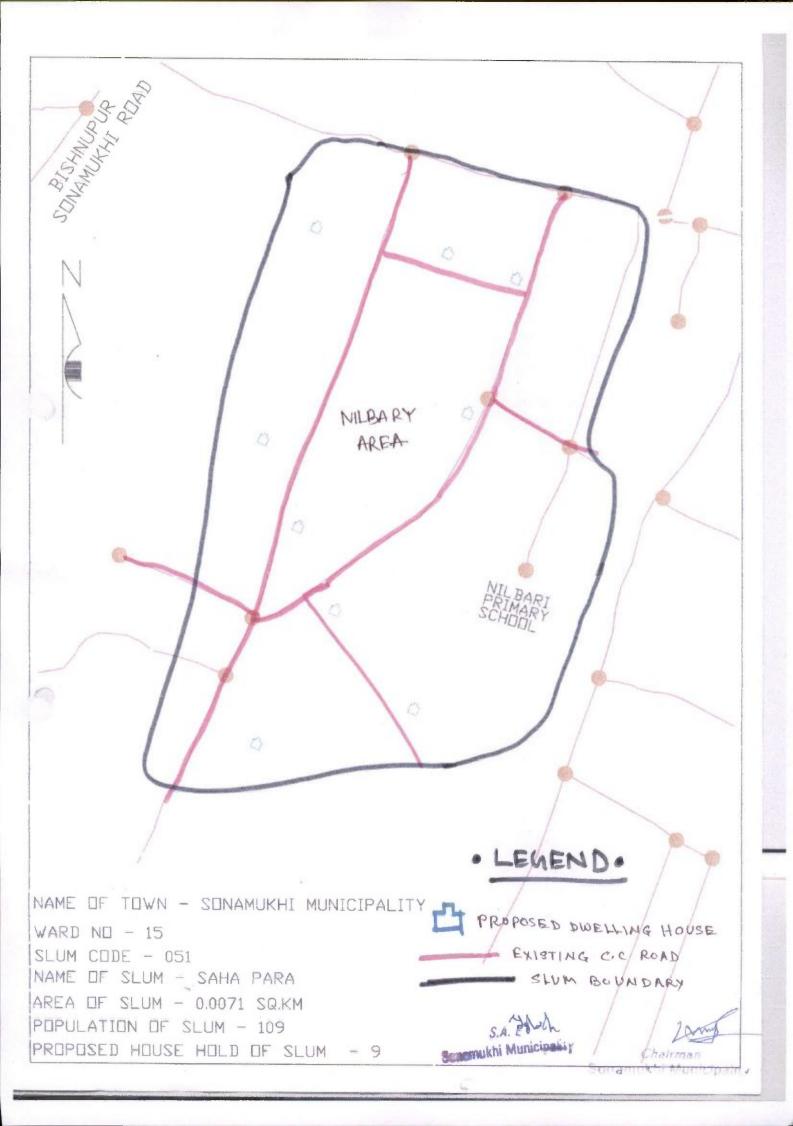
Smemukhi Municipality Sonamukhi Municipality











Sonamukhi Municipality
PMAY (HFA BY 2022)
Beneficiary List of Sonamukhi Municipality

Photo	Co	0	Q	Co	Co
UID/EPIC NO.	236780730576 WB/37/256/243		565803467367	771086224202	566811563374
Gender	Male	Female	Female	Male	Male
General			0	-	-
EWS					
F					
Minority					
OBC					
TS					
SC					
Holding No.	295/68/	256/108	249/166	248/167 /128	242/493
Father's Name / Husband's Name		W/o-Late Sanatan Goswami		S/o- Late Jiten Goswami	S/o-Netai Ghosh
Name of Beneficiary		ii	W/o-Late Arati Goswami Shyamapada Goswami		
Para	Bauri	Goswami Kabita para Goswa	Goswami	Goswami Swapan para Goswam	GONGON Manohar IDANGA Ghosh
Slum	004	000	200	200	002
Slum	Baurip ara	Goswa mipar a	Goswa mipar a	Goswa mipar a	Ganga nidang a
Ward No.		1	1	7	1
No.	4	7	ю	4	rv

Chairman Sonamukhi Municipality

i	Photo	0	O	C	C	0	0
	UID/EPIC NO.	675661562220	YYS1148311	568811475422	290304345311	508890570541	203352932115
,	Gender	Female	Female	Male	Male	Female	Male
	General						
	EWS						
ry	PH						
Category	Minority						
	OBC						
	ST						
	sc	0	0	=	-	-	-
Holding	No.		544/581	N/562/5 59	96 96	N/603/6 00	N/586/5 83
Father's Name /	Husband's Name	D/o- Basanta Bauri	W/o-Bhim Anri	S/o-Gokul Roy	S/o- Gopal Roy	w/o- Viku Roy	S/o- Piru Roy
Name of	Beneficiary	Mangala Bauri	Archana Anri	Mathur Roy	Madhu Roy	Parul Roy	Haru Roy
	Para	Bauri para	GONGON	GONGON	GONGON	GONGON	GONGON
Slum	Code	004	002	000	002	000	002
	Sium	Baurip ara	Ganga nidang a	Ganga nidang a	Ganga nidang a	Ganga nidang a	Ganga nidang a
Ward	No.	-	-	7	4	- 1	1
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	Photo	Guino S	Co	CS	C	C D	C
	UID/EPIC NO.	327791931366	966700686975	619821959871	993146777604	777537694710	340682197372
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Category	Minority						
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Holding	No.	54/1/24 7/223(A)	106/225			N/559/5 56	245/178/133
Eather's Name /	Husband's Name	S/o- Bankim Lohar	S/o- Subal Chakrabortty	S/o- Shakti Bauri	S/o- Banku Bauri	Kamakhya Roy Roy	W/0-SUNIL GOSWAMI
Name of	Beneficiary	Karunamoy Lohar	Biswajit Chakrabortty	Sambhu Bauri	Sandhya Bauri	Kamakhya Roy	Goswami Swaraswati para Goswami
	Para	Lohar	Babupara	Bauri para	Bauri	GONGON	Goswami para
Shim	Code	003		004	004	002	000
	Sium	Lohar	-	Baurip ara	Baurip	Ganga nidang a	Goswa mipar a
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Chairman Sonamukhi Municipality

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UID/EPIC NO.		279789463523	WB/37/256/246.	875418634892	WB/37/256/246	YYS 1149053	940660884124
Gender		Male	Male	Male	Male	Male	Male
	General						:
	EWS						
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Category	Minority						
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Holding	No.	N/570/5 67	186/2/4 39/419	13/144/	N/535/5 32	N/793	151/542 /539
Father's Name /	Husband's Name	S/o- Khandu Roy	S/0-AMULYA DANGOR	S/o- Dakshineshwa r Ghosh		S/o- Joyram Ghosh	S/O-BIBHUTI ROY
Name of	Beneficiary	Bhutnath Roy	ANIL DANGOR	Sadhan Ghosh	BATU BAGDHI BAGDHI	Manik Ghosh	TAPAN ROY
Para		GONGON	GONGON	GONGON	GONGON	GONGON	GONGON
Stum	Code	002	002	000	002	002	002
	Slum	Ganga nidang a	Ganga nidang a	Ganga nidang a	Ganga nidang a	Ganga nidang a	Ganga nidang a
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Chairman Sonamukhi Municipality

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1	UID/EPIC NO.	932163494063	WB/37/256/243 670	816952583198	405786949987	713358914672	312781493505
	Gender	Male	Female	Male	Female	Male	Male
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Category	Minority				*		
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Holding	No.	294/15/ 19 A	150/551	n/74/81	150/551	N/402/3	N/564/5 61
Father's Name	Husband's Name	S/o- Sachindranath Das	W/o-TELU BAGDI	S/o-Satkari Santra	W/6-MADAN ROY	S/o- Late Fakir N/402/3 Das	S/O- GANESH
Name of	Beneficiary	Balaram Das	TULUSI BAGDI BAGDI	Debdas Satra	GITA ROY	Asim Das	RABAN ROY
	Para	Barui para	LOHARP	Barui para	GONGON	Babupara Asim Das	GONGON
Slam	Code	900	003	900	000		000
_	Slum	Baruip ara	Lohar	Baruip ara	Ganga nidang a		Ganga nidang a
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	Photo	CD		(C)		0	Co
	UID/EPIC NO.	686305871378	WB/37/256/243 546	966859665924	899653451074	291649880509	401635434170
	Gender	Male	Female	Male	Male	Female	Male
	General						
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	SC	a			-	_	-
Holding	No.	N/44	N/1/4	53/52	24/91/2	59/252/ 233 A	157/453
Father's Name /	Husband's Name		W/0-RAM ROY N/1/4	S/0-BIRU	S/0- MANINDRA	W/0- LAKSHMI	S/o- TULUSHI
Name of	Beneficiary	NEMAI BAURI S/O-NIBARAN	SARATI ROY	MOLDAN MEGNATH GA BAURI	JITEN MAJHI	VADHU LOHAR	ASHOKE ROY
	Para	MOLDAN	MOLDAN	MOLDAN	MAJHI PARA	LOHAR	GONGON
Sium	Code	001	001	001	004	003	000
;	Slum	Molda	Molda	Molda nga	Majhi para	Lohar	Ganga nidang a
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	Photo	CO	Cas		00	6
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	UID/EPIC NO.	527659377899	640874261991	33016844656	JFB 2188910	987426632762
	Gender	Male	Male	Male	Male	Female
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Category	Minority					7
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Holding	No.	176/452 A	180/543	N/66	N/838/V L	N/49
Father's Name /	Husband's Name	S/O-RENU	S/0- HABU	S/0-Ratan Roy N/66	S/o-Balaram Ruidas	W/o-Shankar Roy
Name of	Beneficiary	DILIP GHOSH	MANGAL ROY	MADAN ROY	Tapan Ruidas	Miru Roy
	Para	GONGON	GONGON	MOLDAN	Baruipar	MOLDAN GA
Slum	Code	002	000	001	002	001
	Engo	Ganga nidang a	Ganga nidang a	Molda	Baruip ara	Molda
Ward	- 1	1	4	-	-	(-
	No.	36	37	38	39	40

