

CHANDRAKONA MUNICIPALITY

**Detailed Project Report for Construction of 975 EWS
Houses under BLC mode of Pradhan Mantri Awas Yojana
(PMAY)-HFA (U) for Chandrakona Municipality**

2017-18



Submitted By

Chandrakona Municipality

Dist. : Paschim Medinipur

West Bengal

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PREFACE

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

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

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

Total beneficiaries of the scheme are 4501 nos from 40 nos slum and 4 nos. Non Slum for the Year 2015-2022. Proposed beneficiary projected for the year 2017-18 is 975 nos.

Total cost of the project is Rs. 3946.80 lakhs as per relevant department & P.W.D. schedule of rates.

Introductory Note by Chairperson



Chandrakona is a small town situated in the District of Paschim Medinipur, West Bengal. Chandrakona possesses great historical importance that was discovered time to time by the researchers. Many powerful emperors ruled the town for thousands of years. Remnants of the palaces can still be seen all over the place in a dilapidated condition. There exist so many temples and old and large eater bodies at every nook and corner of the city. It is one of the oldest Municipalities in the district and was established in the year 1869 by the then British Empire.

During these 146 years the shape and the socio- cultural atmosphere of the Municipality has changed with time. And gradually it takes the spirit of contemporary civilization of 21st century and got acquainted with the sphere of Modernization, Industrialization and Globalization.

At the very beginning of the recognition as municipality, it was not capable of catering to the whole population by its administrative authority. But, with the active cooperation of citizen for hundred of years, the municipality has grown up as a potential machinery for effective service delivery and better governance throughout the municipality.

In this context the Municipality has prepared Housing Detailed Project Report (DPR) under PMAY for Beneficiary Led Construction for the year 2017-18.

In this regard I would like to thank all the Municipal citizen, ward committee, respective ward councillors, CDS, NHC, NHG, Municipal staff and who have rendered their valuable services towards the completion of DPR. I would also take this opportunity to thank Municipal Affaire Dept. Govt of WB and especially to the SUAD for their guidance and support as and when it was required.

From the demand survey under this project it was reveled that the demand of housing is 5536 nos. Out of these nos. 1205 nos. has been taken up for slum area and 230 nos. has been taken up for Non-Slum areas for the year 2015-16 and 850 nos. has taken up for slum area and 125 nos. has taken up for Non-Slum areas for the year 2017-18.

After successful implementation of this project housing problem among economically weaker section will be solved by 2021-22.

A handwritten signature in blue ink, appearing to be 'H. H. H.', written over a horizontal dotted line.

Chairman

Chandrakona Municipality

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Abbreviations

A&OE	Administrative and Other Expenses	MoA	Memorandum of Agreement
AHP	Affordable Housing in Partnership	MoHUPA	Ministry of Housing and Urban Poverty Alleviation
AIP	Annual Implementation Plan	MoU	Memorandum of Understanding
CDP	City Development Plan	IIT	Indian Institute of Technology
CLS	Credit linked subsidy	NA	Non Agricultural (NA)
CNA	Central Nodal Agencies	NBC	National Building Code
CSMC	Central Sanctioning and Monitoring Committee	NHB	National Housing Bank
DIPP	Department of Industrial Policy and Promotion	NOC	No Objection Certificate
		NPV	Net Present Value
DPR	Detailed Project Report	PLI	Primary Lending Institution
EMI	Equated Monthly Instalment	SFCPoA	Slum Free City Plan of Action
EWS	Economically Weaker Section	SLAC	State Level Appraisal Committee
FAR	Floor Area Ratio	SLNA	State level Nodal Agencies
FSI	Floor Space Index	SLSMC	State Level Sanctioning and Monitoring Committee
HFA	Housing for All		
HFAPoA	Housing for All Plan of Action	TDR	Transfer of Development Rights
HUDCO	Housing and Urban Development Corporation	TPQMA	Third Party Quality Monitoring Agency
IEC	Information Education & Communication	ULB	Urban Local Body
IFD	Integrated Finance Division	UT	Union Territory
LIG	Low Income Group	MD	Mission Directorate

Working Definitions

Affordable Housing Project:	Housing projects where 35% of the houses are constructed for EWS category
Beneficiary	A beneficiary family will comprise husband, wife and unmarried children. The beneficiary family should not own a pucca house (an all weather dwelling unit) either in his/her name or in the name of any member of his/her family in any part of India.
Carpet Area	Area enclosed within the walls, actual area to lay the carpet. This area does not include the thickness of the inner walls
Central Nodal Agencies	Nodal Agencies identified by Ministry for the purposes of implementation of Credit linked subsidy component of the mission
Economically Weaker Section (EWS):	EWS households are defined as households having an annual income up to Rs. 3,00,000 (Rupees Three Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.
EWS House	An all weather single unit or a unit in a multi-storeyed super structure having carpet area of upto 30 sq. m. with adequate basic civic services and infrastructure services like toilet, water, electricity etc. States can determine the area of EWS as per their local needs with information to Ministry.
"Floor Area Ratio" (FAR)/FSI	The quotient obtained by dividing the total covered area (plinth area) on all the floors by the area of the plot: $\text{FAR} = \frac{\text{Total covered area on all the floors} \times 100}{\text{Plot area}}$ If States/Cities have some variations in this definition, State/City definitions will be accepted under the mission
Implementing Agencies	Implementing agencies are the agencies such as Urban Local Bodies, Development Authorities, Housing Boards etc. which are selected by State Government/SLSMC for implementing Housing for All Mission.
Low Income Group (LIG):	LIG households are defined as households having an annual income between Rs.3,00,001 (Rupees Three Lakhs One) up to Rs.6,00,000 (Rupees Six Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.
Primary Lending Institutions (PLI)	Scheduled Commercial Banks, Housing Finance Companies, Regional Rural Banks (RRBs), State Cooperative Banks, Urban Cooperative Banks or any other institutions as may be identified by the Ministry

Slum	A compact area of at least 300 population or about 60-70 households of poorly built congested tenements, in unhygienic environment usually with inadequate infrastructure and lacking in proper sanitary and drinking water facilities.
State Land Nodal Agencies (SLNAs)	Nodal Agency designated by the State Governments for implementing the Mission
Transfer of Development Rights (TDR)	TDR means making available certain amount of additional built up area in lieu of the area relinquished or surrendered by the owner of the land, so that he can use extra built up area himself in some other land.

Executive Summary

Project Details

1	Name of the State:	:	West Bengal
2	Name of the District:	:	Paschim Medunipur
3	Name of the City:	:	Chandrakona
4	Project Name:	:	HFA-CHANDRAKONA 2017-18
5	Project Cost (Rs. in Lakhs)	:	3946.80
6	Central Share (Rs. in Lakhs)	:	1462.50
7	State Share (Rs. in Lakhs)	:	2061.15
8	ULB Share (Rs. in Lakhs)	:	179.40
9	Beneficiary share (Rs. in Lakhs)	:	243.75
10	Total Infrastructure Cost (Rs. in Lakhs)	:	358.80
11	Percentage of Infrastructure Cost of Housing Cost	:	10
12	Infrastructure Cost per Dwelling Unit (Rs. in Lakhs)	:	0.368
13	Year of Implementation	:	2017-18
14	Component Housing Construction	:	Beneficiary Led Construction (BLC)
15	SOR Adopted	:	PWD (WB) w.e.f 1.7.14 with current corrigendum

Project Contributions (Physical + Financial) (Rs. in Lakh)

Sl	Scheme Component	Type	Qty	Unit	Rate (in Rs/Unit)	Proposed Project Cost (In Lakh)	Appraised Project Cost (In Lakh)	Central Share (Rs. 1.5Lakh/ DU)	State Govt. Share (Rs. 1.93Lakh/ DU)	ULB Share @ 0.184 Lakh/ DU	Beneficiaries Share @ 0.25 Lakh/DU)
A. HOUSING											
1	New in-situ										
	Single Storied Units		975	Nos	368000.00	3588.00	3588.00	1462.50	1881.75	0.00	243.75
Total Housing Cost Sub Total (A)						3588.00	3588.00	1462.50	1881.75	0.00	243.75
B. INFRASTRUCTURE											
Sl	Scheme Component	Type	Qty	Unit	Rate (in Rs/Unit)	Proposed Project Cost (In Lakh)	Appraised Project Cost (In Lakh)	Central Share (Rs. in Lakh)	State Govt. Share (@50%) (in Lakh)	ULB Share (@50%) (in Lakh)	Beneficiaries Share (in Lakh)
1 ROADS : (Already exist)											

2. WATER SUPPLY : (Already covered under UIDSSMT)											
3 STORM WATER DRAINS											
	Concrete Drain		1081 3.74	Mtr.	3318	358.80	358.80	0.00	179.40	179.40	0.00
Total Infrastructure Cost Sub Total (B)						358.80	358.80	0.00	179.40	179.40	0.00
GRAND TOTAL (A+B)						3946.80	3946.80	1462.50	2061.15	179.40	243.75

Abhik
15/3/18

Signature of the ULB level
Competent Technical
officer

Name & Designation: Abhik Khan
SAE
Chandrakona
Municipality

Fax No:

Telephone No: 9733930210

E-mail: Abhik_khan@yahoo.com

Signature of the State level
Competent Technical Officer

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Engineer, MeDte, GoWB
Bikash Bhavan, South Block, 1st
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Signature
Director(SUDA)

Name & Designation: Sri Sutanu Prasad
Kar, IAS,
Director, SUDA
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E-mail: wbsudadir@gmail.com

Signature of the Chairperson

Name & Designation: Arup Dhara, Chairman
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Brief Project Details

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 people are not getting service with many challenges like no access to elementary Public Services such as health, education, food, water and sanitation. Pradhan Mantri Awas Yojana (PMAY) also aims at providing a pucca house to every family with toilet facilities, 24 X 7 electricity supply.

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 975 nos from 40 nos slum and 4 nos of Non Slum projected for the year 2017-18.

Total cost of the project is **Rs. 3946.80 lakhs** as per relevant department & P.W.D. schedule of rates.


Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

Annexure 7C
(Para 14.5 of the Guidelines)
Format for Project under Beneficiary Led Construction Or Enhancement

1	Name of the State:	:	West Bengal						
2	Name of the District:	:	Paschim Medunipur						
3	Name of the City:	:	Chandrakona						
4	Project Name:	:	HFA-CHANDRAKONA 2017-18						
5	Project Code:	:	19801752024N0						
6	State Level Nodal Agency:	:	State Urban Development Agency (SUDA)						
7	Implementing Agency/ ULB	:	Chandrakona Municipality						
8	Date of Approval by State Level Sanctioning and Monitoring Committee (SLSMC)	:							
9	No. of location covered in project: No of Slum Area Covered & No of Non Slum Area Covered	:	Name of Location	No. of beneficiaries	Whether Slum / Non-Slum	If Slum, then Slum type	If slum, whether it gets completely rehabilitated		
			Chandrakona Municipal Area	975	Covering both Slum & Non-Slum area	Notified	No		
10	Project Cost (Rs. In Lakhs)	:	3946.80						
11	No. of beneficiaries covered in the project	:	GEN	SC	ST	OB C	Total	Minor ity	Person with Disability
			390	466	16	103	975	84	26
12	Whether beneficiary have been selected as PMAY Guidelines?	:	Yes						
13	No. of Houses constructed / acquired. Please specify ownership (Any of these)	:	Joint	Female	Male	Transgender			
			27	62	886	Nil			
14	No. of beneficiaries covered in the project	:	Male	Female	Transgender				
			855	120	Nil				
15	Whether it has been ensured that selected beneficiaries have rightful ownership of the land ?	:	Yes						
16	Whether building plan for all houses have been Approved?	:	Yes						
17	i. GoI grant required (Rs. 1.5 lakh per eligible beneficiary) (Rs. in Lakhs)	:	1462.50						
	ii. State grant, (Rs. in Lakhs)	:	2061.15						
	iii. ULB grant (Rs. in Lakhs)	:	179.40						
	iv. Beneficiary Share (Rs. in Lakhs)	:	243.75						
	v. Total (Rs. in Lakhs)	:	3946.80						

18	Whether technical specification / design for housing have been ensured as per Indian Standards / NBC/ State Norms?	Yes
19	Whether it has been ensured that balance cost of construction is tied up with State Grant, ULB Grant & Beneficiary Share ?	Yes
	Whether trunk and line infrastructure is existing or being provisioned ?	
	i. Water Supply	Yes
	ii. Sewerage	Yes
	iii. Road	Yes
	iv. Storm Water Drain	No
	v. External Electrification	Yes
	vi. Solid Waste Management	Yes
	vii. Any Other	Yes
	viii. In case, any infrastructure has not been proposed, reason thereof.	NA
20	Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation of the project ?	Yes
21	Whether Demand Survey Completed for entire city ?	Yes
22	Whether City-wide integrated project have been formulated ? If not reasons thereof ?	Yes
23	Whether validation with SECC data for housing condition conducted ?	Yes
24	Whether Direct Benefit Transfer (DBT) of fund to individual bank account of beneficiary ensured in the project ?	Yes
25	Whether there is provision in DPR for tracking/monitoring the progress of individual houses through geo-tagged photographs ?	Yes
26	Whether any innovation/cost effective / Green technology adopted in the project?	Yes
27	Comments of SLAC after techno economic appraisal of DPR	Project covers the most needy beneficiaries
28	Project brief including any other information ULB/State would like to furnish	The project covers all wards
29	Project Submission Date to SLSMC	

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



Signature of the Chairperson

Chairman.
Chandrakona Municipality
Chandrakona Paschim Medinipur

Signature
Chief Engineer
M.E Dte,GoWB

Signature

(Director,SUDA)

Signature

(Secretary,UD & MA
Department,GoWB)

Component wise abstract for each slum/Non slums area

Sl. No.	Ward No.	Name of Slum	Slum Code	No. of Kutcha & Semi-Pucca House	Dwelling Unit		Infrastructure		Total Cost
					Proposed No.	Cost Involved	Proposed Drain (In Mtrs.)	Cost Involved @ Rs. 0.04097 lakh per Mtr.	
1	Ward No 1	Alampur & Alampur Canelpar	001	64	16	58.88	177.46	5.89	64.77
2		Bagswarpur, Samaspur, Nischindipur & Gossaiber	002	51	13	47.84	144.18	4.78	52.62
3		Ilambazar & Ilambazar Muslimpara	003	144	28	103.04	310.55	10.30	113.34
4		Golokdhampur Santrapara & Pathanber	004	45	7	25.76	77.64	2.58	28.34
5		Gobindapur & Gobindapur Palpara	005	95	22	80.96	244.00	8.10	89.06
6	Ward No 2	Mitrasenpur Dompura	006	47	2	7.36	22.18	0.74	8.10
7		Naraharipur Majhipara	007	59	6	22.08	66.55	2.21	24.29
8		Nayagunja Majhipara & Bagtipara	008	60	8	29.44	88.73	2.94	32.38
9	Ward No 3	Raghunathpur Majipara, Chalakpara, Jamaipara, Adakpara & Purusottampur Ruidaspara	009	127	24	88.32	266.18	8.83	97.15
10		Madhabpur Bauripara, Kumorpara & Jelepara	010	136	30	110.40	332.73	11.04	121.44
11		Madhabpur Muslimpara & Bhangipara	011	93	27	99.36	299.46	9.94	109.30
12	Ward No 4	Kasaimahalla & Gajipur Daspara	012	120	35	128.80	388.19	12.88	141.68
13		Khirkibazar Daspara & Shyamsundarpur	013	133	30	110.40	332.73	11.04	121.44
14	Ward No 5	Begunbari & Jahrapukur Ruidaspalli	014	107	13	47.84	144.18	4.78	52.62
15		Satibazar Daspara	015	86	11	40.48	122.00	4.05	44.53
16		Gonsaibazar Ruidaspalli	016	31	4	14.72	44.36	1.47	16.19
17	Ward No 6	Chasimahall, Canelpar, 24 Chhia &	017	99	29	106.72	321.64	10.67	117.39

		Lalbazar							
18		Majher Banshdaha	018	60	28	103.04	310.55	10.30	113.34
19		Chasimahal Ruidaspara & Dompara	019	47	11	40.48	122.00	4.05	44.53
20		Nilapat	020	61	22	80.96	244.00	8.10	89.06
21		Bona Paschimpara, Majherpara & Sadgoppara	021	188	38	139.84	421.46	13.98	153.82
22	Ward No 7	Gopalpur Santrapara & Daspara	022	104	16	58.88	177.46	5.89	64.77
23		Natunhat Ghoruipara, Ruidaspara & Majipara	023	125	27	99.36	299.46	9.94	109.30
24		Joyantipur Baganpara, Adibasipara, Bagtipara & Dangapara	024	122	17	62.56	188.55	6.26	68.82
25	Ward No 8	Joyantipur Santrapara & Roypara	025	147	30	110.40	332.73	11.04	121.44
26		Khejurdanga Kotalpara	026	90	26	95.68	288.37	9.57	105.25
27		Dalmadal Majipara & Adibasipara	027	58	17	62.56	188.55	6.26	68.82
28		Joyantipur Tantipara	028	61	15	55.20	166.37	5.52	60.72
29	Ward No 9	Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripara & Bastipara	029	186	35	128.80	388.19	12.88	141.68
30		Manpur Adibasipara, Hatipara & Rashikanandapur	030	108	22	80.96	244.00	8.10	89.06
31		Dalmadal Majipara	031	84	13	47.84	144.18	4.78	52.62
32	Ward No 10	Jagina Dompara & Shyamnagar Roypara	032	40	12	44.16	133.09	4.42	48.58
33		Ramrangi Bauripara, Madhabpur Bauripara & Ajodhya Schoolpara	033	188	39	143.52	432.55	14.35	157.87
34	Ward No 11	Dakshinbazar Doluipara, Daspara & Chowrapara	034	213	56	206.08	621.10	20.61	226.69
35		Gopsai Namapara, Berapara & Presspara	035	110	32	117.76	354.91	11.78	129.54
36		Lalsagar Uttarpara- Dakshinpara	036	128	34	125.12	377.09	12.51	137.63
37	Ward No 12	Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	037	99	20	73.60	221.82	7.36	80.96

38	Malleswarpur Majipara & Adibasipara	038	54	6	22.08	66.55	2.21	24.29
39	Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	039	101	20	73.60	221.82	7.36	80.96
40	Baburber	040	22	9	33.12	99.82	3.31	36.43
41	Non-Slum area in Ward No. 2	Non- Slum Area	133	10	36.80	110.91	3.68	40.48
42	Non-Slum area in Ward No. 3		127	35	128.80	388.19	12.88	141.68
43	Non-Slum area in Ward No. 5		157	40	147.20	443.64	14.72	161.92
44	Non-Slum area in Ward No. 6		191	40	147.20	443.64	14.72	161.92
	Total		4501	975	3588.00	10813.74	358.80	3946.80

Table 1: Component wise abstract for each slum/Non slums area


 Chairman.
 Chandrakona Municipality
 Chandrakona, Paschim Medinipur

City Profile and Overview

History

Chandrakona Municipality is one of the oldest municipalities in the district of Paschim Medinipur. It was established in the year 1869 by the then British Rule. History of the town reveals that, many powerful emperor ruled the town for thousands of years. The name 'CHANDRAKONA' originated from the name of Raja 'CHANDRAKETU', whose family had exercised sovereignty for 150 years. Chandrakona possess the great historical importance; can also be called the town of temples. There is hardly any locality or lane at Chandrakona where there are no temples. Today, these temples of great historical and archaeological importance, lies in neglect. The course of development of Chandrakona retarded due to repeated curse of Malaria in epidemic form during pre-independence period and at one time the population reduced by half.

During these 148 years the shape and the socio- cultural atmosphere of the Municipality has changed with time. And gradually it takes the spirit of contemporary civilization of 21st century and got acquainted with the sphere of Modernization, Industrialization and Globalization.

At the very beginning of the recognition as municipality, it was not capable of catering to the whole population by its administrative authority. But, with the active cooperation of citizen for hundred of years, the municipality has grown up as a potential machinery for effective service delivery and better governance throughout the municipality. Being a small town with 12 nos. of ward and 23629 populations as per census 2011, totally dependent upon village based agricultural economy is suffering from various problems like poverty, health hazards etc.

YEAR OF ESTABLISHMENT

Chandrakona Municipality is one of the oldest municipalities in the district of Paschim Medinipur. It was established in the year 1869 by the then British Rule.

ADMINISTRATIVE BOUNDARIES

Chandrakona Municipality is bounded by Keshpur in the south, Garhbeta is in its north and west side and in its east is Ghatal.

LINKAGES OF RAIL, ROAD, PORT AND AIR

Chandrakona, a small town in West Midnapur district is located 42 km from Midnapore town towards Garhbeta (18 km away) and Bankura (about 60 km away). It is about 24 km from Ghatal which is the sub division Chandrakona town. On the world map it is 22.73° N 87.52° E. Chandrakona is not a very well connected town. Two parallel lines pass through this place, one being the 41 no State Highway and other is southeastern rail line.

ECONOMIC ACTIVITY

The inhabitants of Chandrakona are mainly agriculturists, employees of different concerns and poor persons attached with the work of agriculture and carrying goods by carts and Rickshaws. It has only one Cold Storage as big concern. This Municipality having only very few people of high income group could not see any development from private persons. Most families, except about 40% BPL families, belong to very low average income group.

DEMOGRAPHIC GROWTH AND POPULATION PROJECTION

According to population census 2011, the total population of Chandrakona is 23629. Males constitute 11977 of the population and females 11652. Chandrakona has an average literacy rate of 74.33%, with male literacy of 79.12% and female literacy of 69.41%.

Ward wise Population as per Census 2011				
Ward No.	No. of HH	Total	Male	Female
Ward 1	531	2312	1161	1151
Ward 2	424	1773	908	865
Ward 3	541	2399	1235	1164
Ward 4	344	1650	839	811
Ward 5	512	2320	1194	1126
Ward 6	471	2174	1104	1070
Ward 7	411	1816	943	873
Ward 8	477	2204	1116	1088
Ward 9	419	1868	913	955
Ward 10	248	1218	610	608
Ward 11	562	2372	1187	1185
Ward 12	320	1523	767	756
Total	5260	23629	11977	11652

Table – 2: Ward wise Population as per Census 2011

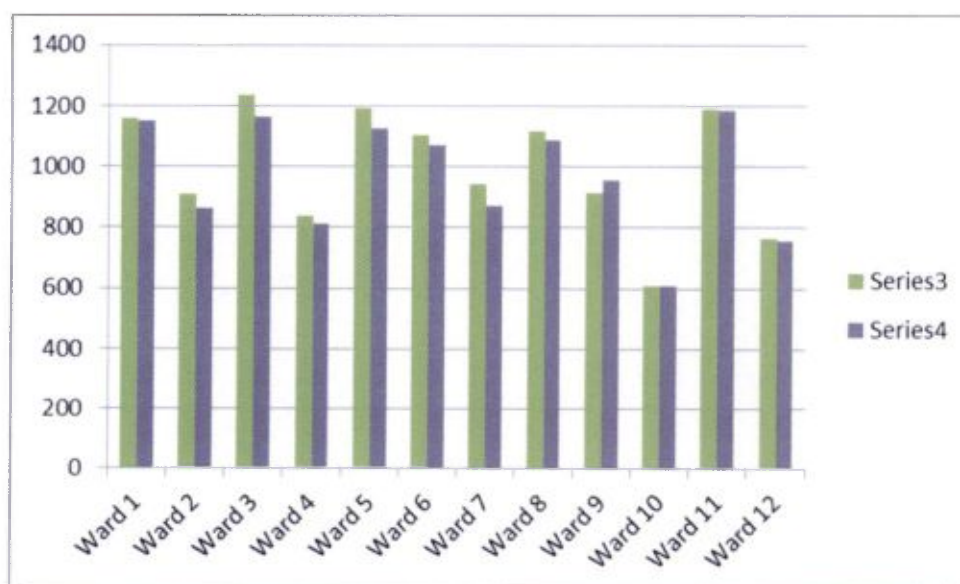


Figure 1: Ward wise Population as per Census 2011

This population profile shows a size ably small population and as mentioned this has been the result of repeated outbreaks of Malaria in epidemic form during pre independence period reducing population to half which has not grown significantly over the years. However with increased pace of urbanization the population will experience an increased growth in the future for which the municipality should take appropriate steps to provide all necessary infrastructure and services to the people. With this in view the future population is projected or the design population calculated on the basis of the average annual growth rate of population from 1971 – 2011.

Table 3 Population Projection

Year	1971	1981	1991	2001	2011	2021	2031
Population	9811	13400	16804	20400	23629	27173	31249

Source: Census of India 1971,1981,1991 2001and 2011

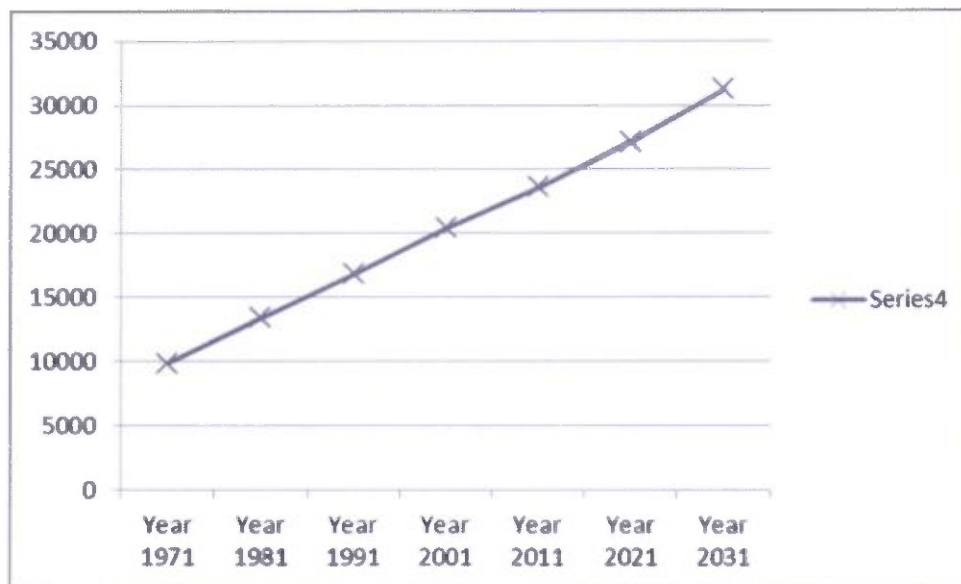


Figure 2 Population Projection

PLACES OF INTEREST

- Gachsitala Market, Ward No. 4
- Thakurbari Bazar, Ward No. 3
- Gossaibazar, Ward No. 5
- Gobindapur, Ward No. 1

FESTIVALS

- Rathajatar
- Jhulan Utsab
- Gajan

TRADITIONAL ARTS/CRAFTS

Before 1936 this town was very popular for its cottage industries specially weaving loom and brass metal. It was also a big center of trade and commerce. Chandrakona in its heyday was supposed to have 52 bazaars and 53 roads. It was a place of trade importance and noted for its textile products, sugar, brass-ware and milk products.

CLIMATE

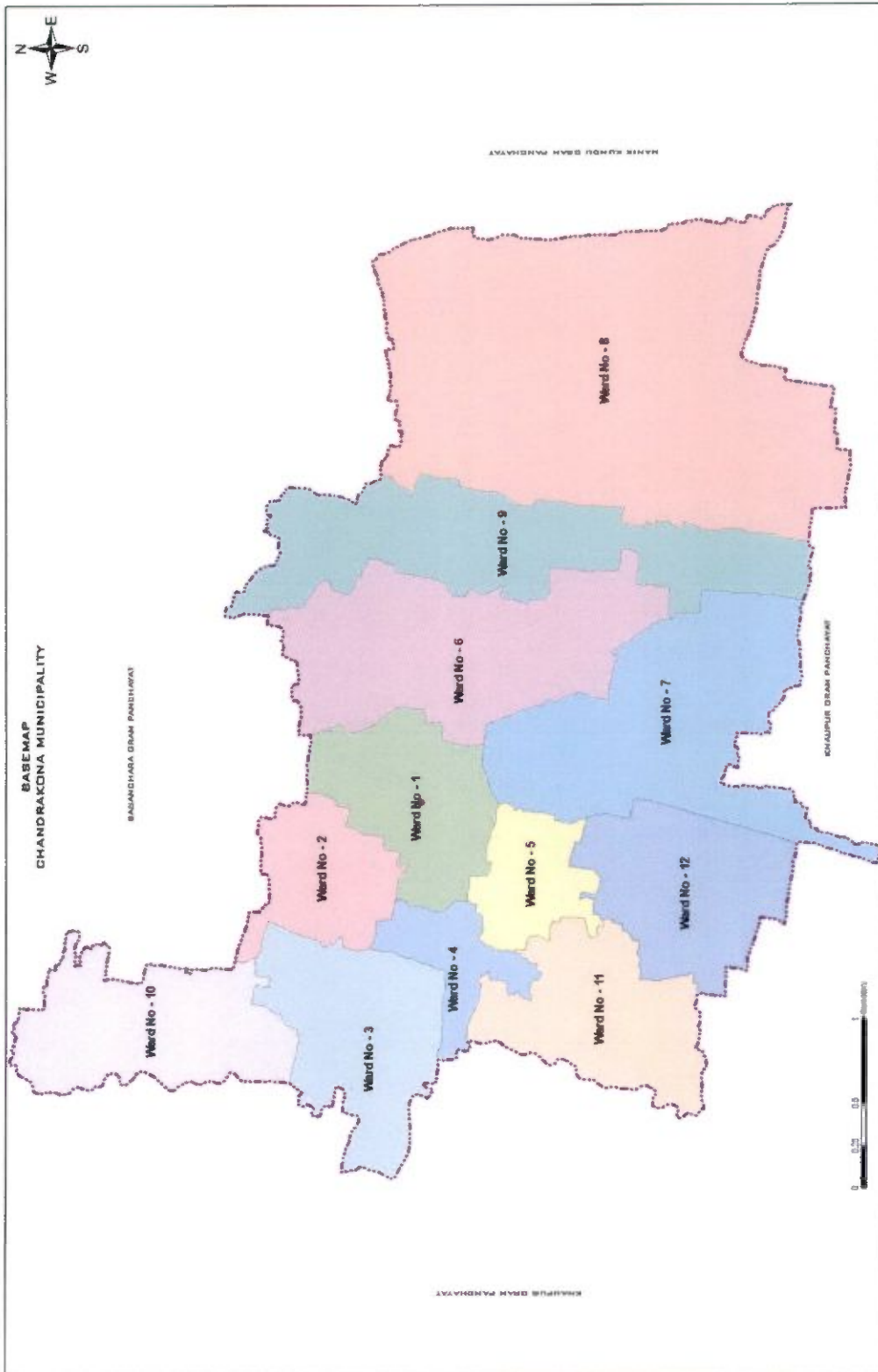
The climate is tropical and the land surface of the district is characterized by hard rock uplands, lateritic and flat alluvial and deltaic plains. Rugged topography is seen and rolling topography is experienced consisting of lateritic covered area. These rolling plains gradually merge into flat alluvial and deltaic plains to the east and south east of the district. The soil is fairly fertile. Normal rainfall is 1560 mm and average rainfall of the other districts is 1656 mm. The climate is characterized by hot summer, cold winter, abundant rainfall and humidity. Chandrakona is dominantly an agricultural town with 7 out of the 12 wards still practicing agriculture as their source of livelihood. The remaining 5 wards is dependent on service sector with business and production center of minor industrial requirements.

Table 3 : City at a Glance

Sl. No.	Indicator	2001	2011	2015
1	Area (in SqKm)			
1.1	Planning Area (Sq. Km)	9	10	10
1.2	Municipal Area (Sq. Km)	16.58	16.58	16.58
1.3	Area of Slums (Sq. Km)	Data not available	1.61	1.61
2	Number of Municipal Wards	12	12	12
3	Population and Households			
3.1	Total Population (no's in millions)	0.20400	0.23629	0.25047
3.2	Number of Households	4338	5260	6150
3.3	Density of Population	1230	1425	1511
3.4	Slum households as percentage of total Households in city	Data not available	63	63
3.5	Current (2015) Population (Year of Survey) (no's in millions)	2015		.25
3.6	Current Number (2015) of Households (Year of survey)	2015		6150
3.7	Slum population as percentage of total population in city			58

Table – 4: City ata Glance

Base Map of Chandrakona Municipality



Map 1: Land Use Map of Chandrakona Municipality

Existing Central Project of Chandrakona Municipality

IHSDP

This Municipality was included in IHSDP Programme (Central Sponsored Scheme) in the year 2008. In this scheme construction of 350 nos. Dwelling units was taken up in 20 nos. Slums. All the D.U have been fully completed and handed over to the beneficiaries. The nos of D.U. sanction were insufficient and there were demand of many more D.U. by other slum dwellers.

As per infrastructure is concerned we have completed 11 nos. Community Centre, 4 nos. Rickshaw Shed, 1 no. Animal Pen and 1 no. Livelihood Centre with 21326 sqmtr C.C Road, 800 sqmtr Bituminous Road, 1248 mtr. Drain, 81 nos. Street Lights. The scheme will be completed shortly.

UIDSSMT

This Municipality was included in UIDSSMT Programme (Central Sponsored Scheme) in the year 2012. Construction of 3 nos. OHR, 5 nos. Pump House including Rising Main, Laying of Distribution network has been completed and supply of drinking water through new pipeline have been started. The scheme was inaugurated by Honorable M.L.A, Chhaya Dolai.

ILCS

394 nos. of ILCS latrine was sanctioned in the year 2011. Construction of all the ILCS latrine have been completed.

DPR Main Report

Section I Introduction

“Housing for All” Mission for urban area will be implemented during 2015-2022 and Mission will provide central assistance to implementing agencies through States and Uts for providing houses to all eligible families/beneficiaries by 2022. Mission will be implemented as Centrally Sponsored Scheme (CSS) except for the component 1.2 of credit linked subsidy which will be implemented as a Central Sector Scheme. A beneficiary family will comprise husband, wife, unmarried sons and/or unmarried daughters. The beneficiary family should not own a pucca house either in his/her name or in the name of any member of his/her family in any part of India to be eligible to receive central assistance under the mission. States/Uts, at their discretion, may decide a cut-off date on which beneficiaries need to be resident that urban area for being eligible to take benefits under the scheme.

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 number of houses are vacant.

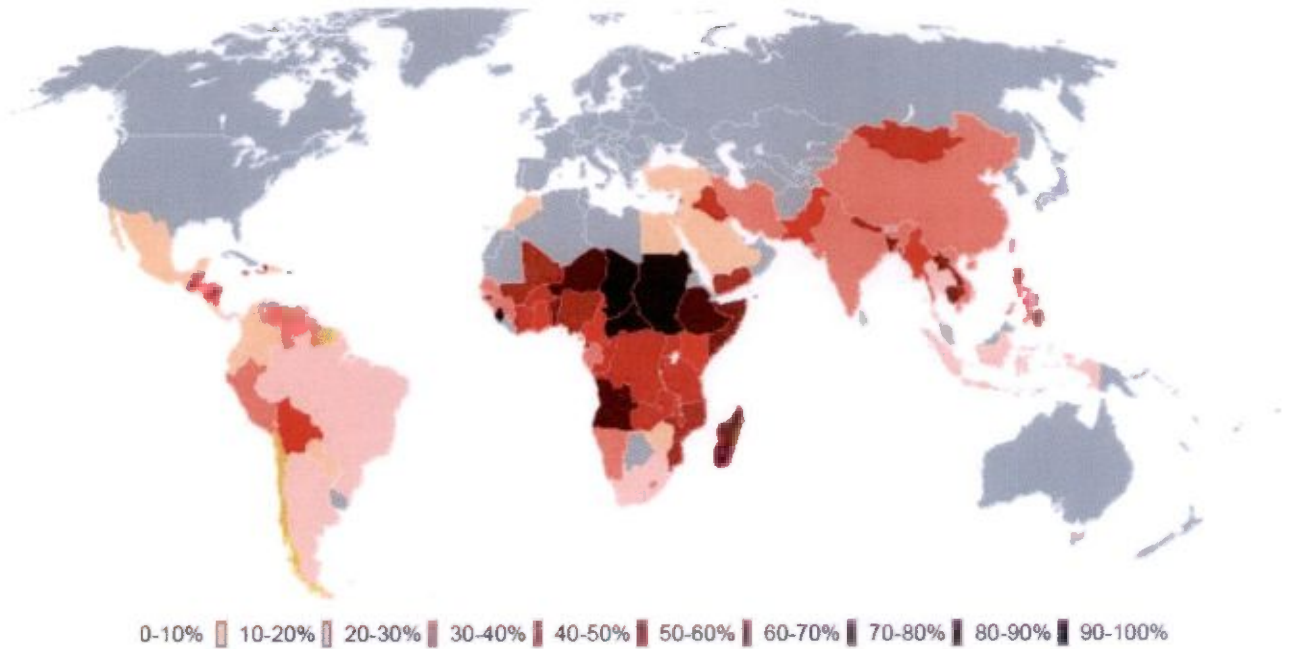
Bank account number and Aadhaar number/Voter ID card/any other unique identification details of intended beneficiaries or a certificate of house ownership from Revenue Authority of beneficiary's native district integrate in the data base of HFAPoA for avoiding duplication of benefit to one individual family. Beneficiaries is 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 finalising 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, utilise 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 Slum-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 Pradhan 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
2. Toilet facilities
3. 24 x 7 Electric facilities
4. 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
- 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.



The nodal ministry and national mission Director 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.

Mission with all its component has become effective from the date 17.06.2015 and will be implemented upto 31.03.2022. All 4041 statutory towns as per Census 2011 with focus on 500 Class I cities would be covered in three phases as follows:

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

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

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

- well rounded stakeholder consultations,
- continuous community involvement,
- providing innovative solutions and
- coordination & validation.

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

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

Progress made in IHSDP

		DU	ID		Total Project Cost
		350.00	348.67		766.81 Lakhs
			68.14*		
Sl.No	Name of Component	Approved Quantity	Approved Cost	Work Completed	Financial Progress
1.	Dwelling Units	350 Nos.	350 lakhs	350 Nos.	350 lakhs
2.	C.C.Road	23668 sqm.	150.05 lakhs	21326 sqm.	143.58 lakhs.
3.	Bit. Road	780 sqm.	5.96 lakhs	817 sqm.	6.24 lakhs.
4.	Drain	2125 mtr.	30.77 lakhs	1448.2 m.	29.48 lakhs.
5.	Street Light	81 nos.	9.5 lakhs	81 nos.	9.5 lakhs
6.	Community Centre	11 nos.	68.29 lakhs	11 nos.	86.84 lakhs
7.	Digester	1 nos	25 lakhs	Amalgamate to Drain, work in progress.	
8.	Rickshaw Shed	4 nos.	10 lakhs	4 nos.	15.73 lakhs
9.	Animal Pen	3 nos.	15.68 lakhs	1 nos	9.31 lakhs
10.	Hedge Boundary	2086 mtr.	1.76 lakhs	Application of Plantaton instead of Hedge Boundary submitted.	
11.	Livelihood Centre	2 nos.	3.6 lakhs	1 nos.	3.198
12.	Cinder Track	460 mtr.	1.44 lakhs	Amalgamate to C.C Road,	

				work in progress.	
13.	Boundary Wall	600 mtr.	6 lakhs	Amalgamate to C.C Road, work in progress.	
14.	Retaining Wall	460 mtr.	20.62 lakhs	396 mtr.	16.69 lakhs.

Table 5: Progress made in IHSDP

Section: 2 Salient features of HFAPoA and its linkage with proposed project and its justification

2.1 General introduction on status and Prioritization for proposed project

In summarizing the HFAPoA of Chandrakona Municipality, Chandrakona Municipality takes one for implementation of the project i.e. "Beneficiary -led - construction". For this project, Chandrakona Municipality conducted Demand Assessment survey for getting total requirement of houses in the ULB. From this survey, the total survey form received 4501. Out of total survey forms received, 3893 form received from 40 slums and 608 forms received from non slums.

2.2. Summary of findings of HFAPoA. Physical infrastructure & Social infrastructure, Spatial, demographic and socio-economic profiles of slums/ Non slums;

Housing for All (HFA) Scheme has since been launched by the Ministry of Housing & Urban Poverty Alleviation (MoHUPA), Govt. 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 Chandrakona Municipality undertook Demand survey on 16.09.2015 and completed the survey on 30.09.2015. From this survey, different information has been taken off. Summary of findings of survey have been given below:

There was no slum area in Chandrakona Municipal area before 2005. Identification of slum started during 2005. But identification of slum has done in a structure manner during preparation of 1st generation "Draft Development Plan-2008-2013" in the year 2007. Then no. Of slums were 38. IHSDP Project was for 20 slums out of these 38 slums. Identification and restructuring of slum areas done during USHA survey in the year 2012. 40 slums were identified during USHA survey. Housing for All project has been prepared for these 40 slums.

Ward wise slum details and brief slum profile

Sl. No.	Ward No.	Name of Slum	Slum Code	Notified/ Non-Notified	No. of Household Surveyed during Demad Survey (HFA)	Slum Population				No. of BPL Household
						Male	Female	Total	Density/ Sq.Km.	
1	Ward No 1	Alampur & Alampur Canelpar	001	Non-notified	64	128	92	220	7741.03	3
2		Bagswarpur, Samaspur, Nischindipur & Gossaiber	002	Non-notified	51	85	94	179	8623.18	18
3		Ilambazar & Ilambazar Muslimpara	003	Non-notified	144	254	249	503	23413.86	37
4		Golokdhampur Santrapara & Pathanber	004	Non-notified	45	72	77	149	11288.73	20
5		Gobindapur & Gobindapur Palpara	005	Non-notified	95	172	144	316	31364.76	11
6	Ward No 2	Mitrasenpur Dompapa	006	Non-notified	47	81	82	163	7698.12	32
7		Naraharipur Majhipara	007	Non-notified	59	110	96	206	5251.62	36
8		Nayagunja Majhipara & Bagtipara	008	Non-notified	60	121	104	225	8110.15	36
9	Ward No 3	Raghunathpur Majipara, Chalakpara, Jamaipara, adakpara & Purusottampur Ruidaspara	009	Non-notified	127	231	210	441	14056.67	102
10		Madhabpur Bauripara, Kumorpara & Jelepara	010	Non-notified	136	242	244	486	10293.34	96
11		Madhabpur Muslimpara & Bhangipara	011	Non-notified	93	172	175	347	14810.07	74
12	Ward No 4	Kasaimahalla & Gajipur Daspara	012	Non-notified	120	212	212	424	14112.17	74
13		Khirkibazar Daspara & Shyamsundarpur	013	Non-notified	133	270	260	530	37101.86	90
14	Ward No 5	Begunbari & Jahrapukur Ruidaspalli	014	Non-notified	107	184	173	357	17822.38	98
15		Satibazar Daspara	015	Non-notified	86	145	160	305	20773.74	60

16		Gonsaibazar Ruidaspalli	016	Non- notified	31	57	62	119	12270.57	29
17	Ward No 6	Chasimahal, Canelpar, 24 Chhia & Lalbazar	017	Non- notified	99	225	203	428	5220.66	68
18		Majher Banshdaha	018	Non- notified	60	110	91	201	13175.14	45
19		Chasimahal Ruidaspara & Dompapa	019	Non- notified	47	85	86	171	7514.50	20
20		Nilapat	020	Non- notified	61	116	133	249	4885.03	33
21	Ward No 7	Bona Paschimpara, Majherpara & Sadgoppara	021	Non- notified	188	350	332	682	3277.30	112
22		Gopalpur Santrapara & Daspara	022	Non- notified	104	191	174	365	14132.50	51
23		Natunhat Ghoruipara, Ruidaspara & Majipara	023	Non- notified	125	239	226	465	6067.96	97
24	Ward No 8	Joyantipur Baganpara, Adibasipara, Bagtipara & dangapara	024	Non- notified	122	222	194	416	10690.24	84
25		Joyantipur Santrapara & Roypara	025	Non- notified	147	283	259	542	13143.22	73
26		Khejurdanga Kotalpara	026	Non- notified	90	181	173	354	9603.91	75
27		Dalmadal Majipara & Adibasipara	027	Non- notified	58	111	122	233	8911.50	54
28		Joyantipua Tantipara	028	Non- notified	61	121	115	236	10981.85	48
29	Ward No 9	Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripapa & Bastipara	029	Non- notified	186	348	339	687	4283.71	113
30		Manpur Adibasipara, Hatipara & Rashikanandapur	030	Non- notified	108	219	227	446	10361.97	74
31		Dalmadal Majipara	031	Non- notified	84	178	162	340	7871.10	72
32	Ward No 10	Jagina Dompapa & Shyamnagar Roypara	032	Non- notified	40	98	66	164	16642.99	28
33		Ramrangi Bauripara, Madhabpur Bauripara &	033	Non- notified	188	376	385	761	17156.25	126

		Ajodhya Schoolpara								
34	Ward No 11	Dakshinbazar Doluipara, Daspara & Chowrapara	034	Non-notified	213	412	415	827	10910.58	135
35		Gopsai Namapara, Berapara & Presspara	035	Non-notified	110	197	192	389	6528.82	74
36		Lalsagar Uttarpara-dakshinpara	036	Non-notified	128	225	238	463	13895.98	60
37	Ward No 12	Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	037	Non-notified	99	210	200	410	9318.82	91
38		Malleswarpur Majipara & Adibasipara	038	Non-notified	54	110	90	200	12920.73	38
39		Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	039	Non-notified	101	212	218	430	8619.48	66
40		Baburber	040	Non-notified	22	40	37	77	8277.79	4
		Total			3893	7395	7111	14506	9025.66	2457

Table 6: Ward wise slum details and brief slum profile

Sl. No.	Ward No.	Name of Slum	Slum Code	Land Availability in this Municipal Area	Employment Status					Caste			
					Labour	Regular Wage	Self Employed	Salaried	Others	General	SC	ST	OBC
1	Ward No 1	Alampur & Alampur Caneipar	001	64	52	1	1	0	10	27	31	0	6
2		Bagswarpur, Samaspur, Nischindipur & Gossaiber	002	47	20	3	4	1	23	21	24	0	6
3		Ilambazar & Ilambazar Muslimpara	003	134	40	10	32	7	55	135	1	0	8
4		Golokdhampur Santrapara & Pathanber	004	45	16	4	6	2	17	18	23	1	3
5		Gobindapur & Gobindapur Palpara	005	95	41	13	7	3	31	49	19	0	27
6	Ward No 2	Mitrasenpur Dompara	006	44	27	0	4	2	14	13	31	0	3
7		Naraharipur Majhipara	007	58	26	0	15	0	18	40	16	0	3
8		Nayagunja Majhipara & Bagtipara	008	59	37	0	9	2	12	23	31	2	4
9	Ward No 3	Raghunathpur Majipara, Chalakpara, Jamaipara, adakpara & Purusottampur Ruidaspura	009	116	104	0	4	0	19	10	104	0	13
10		Madhabpur Bauripara, Kumorpara & Jelepara	010	115	116	0	0	1	19	0	134	0	2
11		Madhabpur Musilimpara & Bhangipara	011	92	65	0	1	2	25	26	31	0	36
12	Ward No 4	Kasaimahalla & Gajipur Daspara	012	112	48	2	32	2	36	110	7	0	3
13		Khirkibazar Daspara & Shyamsundarpur	013	130	70	1	14	1	47	30	83	0	20
14	Ward No 5	Begunbari & Jaharapukur Ruidaspalli	014	107	83	0	1	0	23	4	75	0	28

15		Satibazar Daspara	015	84	63	0	4	1	18	22	54	0	10
16		Gonsaibazar Ruidaspalli	016	31	27	0	0	0	4	0	31	0	0
17	Ward No 6	Chasimahal, Canelpar, 24 Chhia & Lalbazar	017	99	94	1	0	1	3	14	83	0	2
18		Majher Banshdaha	018	60	60	0	0	0	0	14	45	0	1
19		Chasimahal Ruidaspara & Dompapa	019	45	46	0	1	0	0	2	45	0	0
20		Nilapat	020	61	48	0	1	2	10	16	44	0	1
21	Ward No 7	Bona Paschimpara, Majherpara & Sadgoppa	021	188	103	11	18	9	47	78	95	0	15
22		Gopalpur Santrapara & Daspara	022	102	34	1	12	13	44	30	53	1	20
23		Natunhat Ghoruipara, Ruidaspara & Majipara	023	125	91	3	10	5	16	33	75	1	16
24	Ward No 8	Joyantipur Baganpara, Adibasipara, Bagtipara & dangapara	024	109	69	6	8	7	32	21	79	22	0
25		Joyantipur Santrapara & Roypara	025	137	63	5	34	10	35	72	48	4	23
26		Khejurdanga Kotalpara	026	85	69	1	3	1	16	14	67	3	6
27		Dalmadal Majipara & Adibasipara	027	58	57	0	1	0	0	1	35	21	1
28		Joyantipua Tantipara	028	60	41	1	10	1	8	33	25	0	3
29	Ward No 9	Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripara & Bastipara	029	186	119	2	21	9	35	60	91	0	35
30		Manpur Adibasipara, Hatipara & Rashikanandapur	030	108	77	0	14	9	8	41	43	16	8
31		Dalmadal Majipara	031	84	78	0	3	1	2	6	67	0	11

32		Jagina Dompara & Shyamnagar Roypara	032	40	26	2	0	0	12	20	15	0	5
33	Ward No 10	Ramrangi Bauripara, Madhabpur Bauripara & Ajodhya Schoolpara	033	188	116	24	1	0	47	71	111	0	6
34		Dakshinbazar Doluipara, Daspara & Chowrapara	034	206	124	2	43	4	40	64	106	1	42
35	Ward No 11	Gopsai Namapara, Berapara & Presspara	035	105	62	1	27	2	18	29	64	0	17
36		Lalsagar Uttarpara-dakshinpara	036	116	58	1	16	8	45	55	64	0	9
37		Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	037	98	96	0	0	1	2	15	67	17	0
38	Ward No 12	Malleswarpur Majipara & Adibasipara	038	52	30	1	1	2	20	27	13	0	14
39		Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	039	97	90	0	0	3	8	57	24	19	1
40		Baburber	040	21	9	0	0	1	12	22	0	0	0
		Total		3763	2495	96	358	113	831	1323	2054	108	408

Table 7: Ward wise slum details and brief slum profile

Slum dwelling unit density, land ownership and tenure status of the slums.

Sl. No.	Ward No.	Name of Slum	Slum Code	No. of Household Surveyed during Demad Survey (HFA)	No. of Pucca House	Total Household	Area in Sq KM	Dwelling Unit Density/ Sq. Km.	Ownership details			Type of house based on Roof	
									Own	Rented	Otherwise	Semi-Pucca	Katcha
1	Ward No 1	Alampur & Alampur Canelpar	001	64	0	64	0.02842	0.00044	64	0	0	64	0
2		Bagswarpur, Samaspur, Nischindipur & Gossaiber	002	51	15	66	0.02076	0.00031	46	5	0	49	2
3		Ilambazar & Ilambazar Muslimpara	003	144	2	146	0.02148	0.00015	123	9	12	115	29
4		Golokdhampur Santrapara & Pathanber	004	45	3	48	0.0132	0.00027	44	1	0	45	0
5		Gobindapur & Gobindapur Palpara	005	95	1	96	0.01008	0.0001	94	1	0	94	1
6	Ward No 2	Mitrasenpur Dompura	006	47	0	47	0.02117	0.00045	44	1	2	46	0
7		Naraharipur Majhipara	007	59	0	59	0.03923	0.00066	58	1	0	57	1
8		Nayagunja Majhipara & Bagtipara	008	60	14	74	0.02774	0.00037	58	1	1	58	2
9	Ward No 3	Raghunathpur Majipara, Chalakpara, Jamaipara, adakpara & Purusottampur Ruidaspara	009	127	13	140	0.03137	0.00022	120	0	7	90	34
10		Madhabpur Bauripara, Kumorpara & Jelepara	010	136	20	156	0.04722	0.0003	133	0	3	91	44
11		Madhabpur Muslimpara & Bhangipara	011	93	18	111	0.02343	0.00021	92	0	1	47	42
12	Ward No 4	Kasaimahalla & Gajipur	012	120	11	131	0.03005	0.00023	110	10	0	120	0

		Daspara											
13		Khirkibazar Daspara & Shyamsundar pur	013	133	3	136	0.014 29	0.000 11	129	4	0	129	4
14	Ward No 5	Begunbari & Jaharapukur Ruidaspalli	014	107	3	110	0.020 03	0.000 18	107	0	0	102	2
15		Satibazar Daspara	015	86	0	86	0.014 68	0.000 17	76	9	1	83	2
16		Gonsaibazar Ruidaspalli	016	31	0	31	0.009 7	0.000 31	31	0	0	22	9
17	Ward No 6	Chasimahal, Canelpar, 24 Chhia & Lalbazari	017	99	11	110	0.081 98	0.000 75	97	0	2	81	18
18		Majher Banshdaha	018	60	0	60	0.015 26	0.000 25	60	0	0	56	3
19		Chasimahal Ruidaspara & Dompara	019	47	1	48	0.022 76	0.000 47	45	0	2	39	8
20		Nilapat	020	61	2	63	0.050 97	0.000 81	61	0	0	57	2
21	Ward No 7	Bona Paschimpara, Majherpara & Sadgoppara	021	188	23	211	0.208 1	0.000 99	179	1	8	185	2
22		Gopalpur Santrapara & Daspara	022	104	14	118	0.025 83	0.000 22	101	3	0	98	4
23		Natunhat Ghoruipara, Ruidaspara & Majipara	023	125	1	126	0.076 63	0.000 61	124	1	0	111	14
24	Ward No 8	Joyantipur Baganpara, Adibasipara, Bagtipara & dangapara	024	122	10	132	0.038 91	0.000 29	119	0	3	22	78
25		Joyantipur Santrapara & Roypara	025	147	6	153	0.041 24	0.000 27	142	1	4	47	80
26		Khejurdanga Kotalpara	026	90	1	91	0.036 86	0.000 41	83	0	7	5	78
27		Dalmadal Majipara & Adibasipara	027	58	2	60	0.026 15	0.000 44	55	0	3	0	53
28		Joyantipua Tantipara	028	61	0	61	0.021 49	0.000 35	61	0	0	5	48
29	Ward No 9	Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripura &	029	186	28	214	0.160 38	0.000 75	181	0	5	157	29

		Bastipara											
30		Manpur Adibasipara, Hatipara & Rashikanandapur	030	108	7	115	0.043 04	0.000 37	106	1	1	107	1
31		Dalmadal Majipara	031	84	7	91	0.043 2	0.000 47	83	0	1	82	2
32	Ward No 10	Jagina Dompara & Shyamnagar Roypara	032	40	0	40	0.009 85	0.000 25	38	2	0	38	1
33		Ramrangi Bauripara, Madhabpur Bauripara & Ajodhya Schoolpara	033	188	14	202	0.044 36	0.000 22	188	0	0	170	18
34	Ward No 11	Dakshinbazar Doluipara, Daspara & Chowrapara	034	213	60	273	0.075 8	0.000 28	192	11	10	186	20
35		Gopsai Namapara, Berapara & Presspara	035	110	8	118	0.059 58	0.000 5	95	9	6	91	13
36		Lalsagar Uttarpara-dakshinpara	036	128	14	142	0.033 32	0.000 23	123	1	4	120	7
37	Ward No 12	Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	037	99	11	110	0.044	0.000 4	89	1	9	92	5
38		Malleswarpur Majipara & Adibasipara	038	54	35	89	0.015 48	0.000 17	48	2	4	53	0
39		Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	039	101	10	111	0.049 89	0.000 45	100	0	1	97	4
40		Baburber	040	22	5	27	0.009 3	0.000 34	21	0	1	21	0
		Total		3893	373	4266	1.607 2	0.000 38	3720	75	98	3132	660

Table 8: Slum dwelling unit density, land ownership and tenure status of the slums

Brief Details of Non-Slum Area

There are only four wards i.e. Ward 2, 3, 5 & 6 where Kutchha house and Semi Pucca House exist as per Demand Survey. Brief Profile of Non-Slum area are given below.

Sl. No.	Non-Slum Area	No. of Kutchha & Semi-Pucca House	Slum Population			Ownership details			Land Availability in this Municipal Area	Employment Status				
			Male	Female	Total	Own	Rented	Otherwise		Labour	Regular Wage	Self Employed	Salaried	Others
1	Ward No 2	133	247	210	457	125	7	1	130	27	0	32	9	65
2	Ward No 3	127	241	231	472	124	1	2	126	41	0	26	13	47
3	Ward No 5	157	250	221	471	157	0	0	148	94	1	33	6	23
4	Ward No 6	191	374	319	693	189	1	1	191	136	5	6	8	36
	Total	608	1112	981	2093	595	9	4	595	298	6	97	36	171

Table 9: Slum dwelling unit density, land ownership and tenure status of the non-slum areas

Sl. No.	Non-Slum Area	No. of Kutchha & Semi-Pucca House	No. of BPL Household	Caste			
				General	SC	ST	OBC
1	Ward No 2	133	55	107	10	0	16
2	Ward No 3	127	26	55	23	0	49
3	Ward No 5	157	25	83	27	1	46
4	Ward No 6	191	45	148	21	0	22
		608	151	393	81	1	133

Table 10: Status of BPL and Caste in non-slum areas

Land Use Pattern of Chandrakona Municipality

Various types of land uses exist in the locality. The salient sectors of land uses are as follows:

- Residential
- Commercial
- Wetland/ lakes / tanks
- Public parks, squares and gardens
- Vacant land
- Roads
- Drainage networks and outfalls
- In-sanitary water courses
- Institutional

The existing land use pattern in Chandrakona is dominated by residential land use followed by agricultural land use. The commercial land use is scattered throughout the wards and especially along the roads.

Chandrakona Municipality established in 1869 has a long history of 136 years. The municipality is spread over 16.58 sq kms with a population of 23629 persons. This population is likely to increase, increasing the density of population in the municipality.

As is evident the density of the municipality is likely to become as high as 1885 per sq kms. By 2031. The concentration of present population is concentrated in ward no 1, and 4 followed by wards 2,3,5,11,12. Ward no 6 ,7, 8, 9 ,10 are low dense areas with large chunks of land either open areas or under agricultural land. Commercial land is found all along the PWD roads. It is very difficult to designate land under commercial use. The effects of urbanisation can be seen with the increasing use of land under commercial use. The municipality therefore should look towards spreading the economic activities towards the fringe areas. The future population can also be allocated land in the fringe areas with proper conversion rules

Wardwise Existing Land use Pattern

Land Use	1		2		3		4		5		6	
	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
	(sqkm)		(sqkm)		(sqkm)		(sqkm)		(sqkm)		(sqkm)	
Residential	0.36	47.37	0.22	36.24	0.22	39.25	0.17	48.64	0.19	46.26	0.52	34.85
Commercial		0	0	0.07	0	0.07		0		0		0

Industrial		0		0		0		0		0		0
Govt / Semi Govt / Public	0	0.7	0.1	15.15	0.05	8.24	0.02	6.58	0.01	2.68	0	0.05
Recreation	0.01	0.91		0		0		0		0	0	0.28
Transport and Communication	0.02	2.67	0.01	2.42	0.01	2.5	0.01	3.33	0.02	4.49	0.03	1.94
Agriculture	0.36	48.19	0.27	46.12	0.27	49.95	0.14	41.44	0.21	46.56	0.95	62.89
Special area		0		0		0		0		0		0
Total	.76	100.0	0.6	100	0.55	100	0.35	100	0.43	100	1.5	100

Land Use	7		8		9		10		11		12	
	Area	%	Area	%	Area	%	Area	%	Area	%	Area	%
	(sqkm)		(sqkm)		(sqkm)		(sqkm)		(sqkm)		(sqkm)	
Residential	0.42	25.36	0.17	4.75	0.33	22.32	0.09	8.99	0.04	5.58	0.218	23.66
Commercial		0	0	0.01		0		0		0		0
Industrial	0.02	1.05		0		0		0		0		0
Govt / Semi Govt / Public	0.04	2.23	0.02	0.43	0.01	0.66	0.03	3.14	0.1001	13.16	0.046	4.9
Recreation		0		0	0	0.01		0		0		0
Transport and Communication	0.01	0.78	0.21	5.57	0.01	0.89	0	0.37	0	0	0.017	1.85
Agriculture	1.15	70.58	3.34	89.25	1.12	76.13	0.86	87.49	0.58	81.25	0.641	69.58
Special area		0		0		0		0		0		0
Total	1.63	100	3.74	100	1.48	100	0.99	100	0.72	100	0.923	100

Table 11: Ward wise existing Land Use Patern

Overall Land Use Distribution

Land Use Category	Total Area in Sq km
Residential	2.943
Commercial	0
Industrial	0.017
Govt / Semi Govt / Public	0.4321
Recreation	0.01
Transport and communication	0.35
Agriculture	12.8279
Special area	0
Total	13.6461

Table 12: Overall Land Use Distribution

2.3 Tenure Status

As per the demand survey and geographical location of the city out of four verticals municipality has taken only Beneficiary Lead Construction (BLC) for the year 2017-18. In this year of implementation of Housing for All, 975 beneficiaries have been identified for the construction of New House through BLC. The above beneficiaries have been selected only who are able to provide the land required for the construction of new house under BLC.

Table showing Land Tenure Status in connection with Housing for All in Slums

Sl. No.	Ward No.	Name of Slum	Slum Code	No. of Kutcha & Semi-Pucca House	Area in Sq KM	Ownership details			Type of house based on Roof		Land Availability in this Municipal Area
						Own	Rented	Otherwise	Semi-Pucca	Katcha	
1	Ward No 1	Alampur & Alampur Caneipar	001	64	0.02842	64	0	0	64	0	64
2		Bagswarpur, Samaspur, Nischindipur & Gossaiber	002	51	0.02076	46	5	0	49	2	47
3		Ilambazar & Ilambazar Muslimpara	003	144	0.02148	123	9	12	115	29	134
4		Golokdhampur Santrapara & Pathanber	004	45	0.0132	44	1	0	45	0	45
5		Gobindapur & Gobindapur Palpara	005	95	0.01008	94	1	0	94	1	95
6	Ward No 2	Mitrasenpur Dompura	006	47	0.02117	44	1	2	46	0	44
7		Naraharipur Majhipara	007	59	0.03923	58	1	0	57	1	58
8		Nayagunja Majhipara & Bagtipara	008	60	0.02774	58	1	1	58	2	59
9	Ward No 3	Raghunathpur Majipara, Chalakpara, Jamaipara, adakpara & Purusottampur Ruidaspara	009	127	0.03137	120	0	7	90	34	116
10		Madhabpur Bauripara, Kumorpara & Jelepara	010	136	0.04722	133	0	3	91	44	115
11		Madhabpur Muslimpara & Bhangipara	011	93	0.02343	92	0	1	47	42	92
12	Ward	Kasaimahalla &	012	120	0.03005	110	10	0	120	0	112

	No 4	Gajipur Daspara									
13		Khirkibazar Daspara & Shyamsundarpur	013	133	0.01429	129	4	0	129	4	130
14	Ward No 5	Begunbari & Jaharapukur Ruidaspalli	014	107	0.02003	107	0	0	102	2	107
15		Satibazar Daspara	015	86	0.01468	76	9	1	83	2	84
16		Gonsaibazar Ruidaspalli	016	31	0.0097	31	0	0	22	9	31
17	Ward No 6	Chasimahal, Canelpar, 24 Chhia & Lalbazar	017	99	0.08198	97	0	2	81	18	99
18		Majher Banshdaha	018	60	0.01526	60	0	0	56	3	60
19		Chasimahal Ruidaspara & Dompapa	019	47	0.02276	45	0	2	39	8	45
20		Nilapat	020	61	0.05097	61	0	0	57	2	61
21	Ward No 7	Bona Paschimpara, Majherpara & Sadgoppara	021	188	0.2081	179	1	8	185	2	188
22		Gopalpur Santrapara & Daspara	022	104	0.02583	101	3	0	98	4	102
23		Natunhat Ghoruipara, Ruidaspara & Majipara	023	125	0.07663	124	1	0	111	14	125
24	Ward No 8	Joyantipur Baganpara, Adibasipara, Bagtipara & dangapara	024	122	0.03891	119	0	3	22	78	109
25		Joyantipur Santrapara & Roypara	025	147	0.04124	142	1	4	47	80	137
26		Khejurdanga Kotalpara	026	90	0.03686	83	0	7	5	78	85
27		Dalmadal Majipara & Adibasipara	027	58	0.02615	55	0	3	0	53	58
28		Joyantipua Tantipara	028	61	0.02149	61	0	0	5	48	60
29	Ward No 9	Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripapa & Bastipara	029	186	0.16038	181	0	5	157	29	186
30		Manpur Adibasipara, Hatipara & Rashikanandapur	030	108	0.04304	106	1	1	107	1	108
31		Dalmadal Majipara	031	84	0.0432	83	0	1	82	2	84
32	Ward No 10	Jagina Dompapa & Shyamnagar Roypara	032	40	0.00985	38	2	0	38	1	40

33		Ramrangi Bauripara, Madhabpur Bauripara & Ajodhya Schoolpara	033	188	0.04436	188	0	0	170	18	188
34	Ward No 11	Dakshinbazar Doluipara, Daspara & Chowrapara	034	213	0.0758	192	11	10	186	20	206
35		Gopsai Namapara, Berapara & Presspara	035	110	0.05958	95	9	6	91	13	105
36		Laisagar Uttarpara-dakshinpara	036	128	0.03332	123	1	4	120	7	116
37	Ward No 12	Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	037	99	0.044	89	1	9	92	5	98
38		Malleswarpur Majipara & Adibasipara	038	54	0.01548	48	2	4	53	0	52
39		Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	039	101	0.04989	100	0	1	97	4	97
40		Baburber	040	22	0.0093	21	0	1	21	0	21
		Total		3893	1.6072	3720	75	98	3132	660	3763

Table 13: Land Tenure Status in connection with Housing for All in Slums

Table showing Land Tenure Status in connection with Housing for All in Non-Slum areas

Sl. No.	Non-Slum Area	No. of Kutchha & Semi-Pucca House	Slum Population			Ownership details			Land Availability in this Municipal Area	Employment Status				
			Male	Female	Total	Own	Rented	Otherwise		Labour	Regular Wage	Self Employed	Salaried	Others
1	Ward No 2	133	247	210	457	125	7	1	130	27	0	32	9	65
2	Ward No 3	127	241	231	472	124	1	2	126	41	0	26	13	47
3	Ward No 5	157	250	221	471	157	0	0	148	94	1	33	6	23
4	Ward No 6	191	374	319	693	189	1	1	191	136	5	6	8	36
	Total	608	1112	981	2093	595	9	4	595	298	6	97	36	171

Table 14: Land Tenure Status in connection with Housing for All in Non-Slum Areas

2.4 Choice of Option/Vertical and its justification for housing and/or infrastructure

Housing for All (HFA) Scheme has since been launched by the Ministry of Housing & Urban Poverty Alleviation (MoHUPA), Govt. 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.

Considering the Geographical location and outcome of Demand Survey, Chandrakona Municipality, takes only one vertical i.e. is “Beneficiary led construction”. From present Demand Assessment survey for Housing for all (HFA), it is noticed that out of 4501 household 4493 household want their house through “Beneficiary-led-Construction”.

Slum and Non-Slum wise Intervention strategies for 2017-18					
Name of the Slum	Area of the Slum in sq. mtrs	Total No. of Proposed Slum Households	Proposed Development Strategy		
			i. Affordable Housing Project (AHP)		Proposed Year of Intervention
			ii. Credit Linked Subsidy Scheme (CLSS)		
			iii. Beneficiary Led Construction		
iv. Clubbing with other Tenable Slums**					
Alampur & Alampur Canelpar	28420	16	iii. Beneficiary Led Construction		2017-18
Bagswarpur, Samaspur, Nischindipur & Gossaiber	20758	13	iii. Beneficiary Led Construction		2017-18
Ilambazar & Ilambazar Muslimpara	21483	28	iii. Beneficiary Led Construction		2017-18
Golokdhampur Santrapara & Pathanber	13199	7	iii. Beneficiary Led Construction		2017-18
Gobindapur & Gobindapur Palpara	10075	22	iii. Beneficiary Led Construction		2017-18

Mitrasenpur Dompara	21174	02	iii. Beneficiary Led Construction	2017-18
Naraharipur Majhipara	39226	06	iii. Beneficiary Led Construction	2017-18
Nayagunja Majhipara & Bagtipara	27743	08	iii. Beneficiary Led Construction	2017-18
Raghunathpur Majipara, Chalakpara, Jamaipara, adakpara & Purusottampur Ruidaspara	31373	24	iii. Beneficiary Led Construction	2017-18
Madhabpur Bauripara, Kumorpara & Jelepara	47215	30	iii. Beneficiary Led Construction	2017-18
Madhabpur Muslimpara & Bhangipara	23430	27	iii. Beneficiary Led Construction	2017-18
Kasaimahalla & Gajipur Daspara	30045	35	iii. Beneficiary Led Construction	2017-18
Khirkibazar Daspara & Shyamsundarpur	14285	30	iii. Beneficiary Led Construction	2017-18
Begunbari & Jaharapukur Ruidaspalli	20031	13	iii. Beneficiary Led Construction	2017-18
Satibazar Daspara	14682	11	iii. Beneficiary Led Construction	2017-18
Gonsaibazar Ruidaspalli	9698	04	iii. Beneficiary Led Construction	2017-18
Chasimahal, Canelpar, 24 Chhia & Lalbazar	81982	29	iii. Beneficiary Led Construction	2017-18
Majher Banshdaha	15256	28	iii. Beneficiary Led Construction	2017-18
Chasimahal Ruidaspara & Dompara	22756	11	iii. Beneficiary Led Construction	2017-18
Nilapat	50972	22	iii. Beneficiary Led Construction	2017-18

Bona Paschimpara, Majherpara & Sadgoppara	208098	38	iii. Beneficiary Led Construction	2017-18
Gopalpur Santrapar & Daspara	25827	16	iii. Beneficiary Led Construction	2017-18
Natunhat Ghoruipara, Ruidaspara & Majipara	76632	27	iii. Beneficiary Led Construction	2017-18
Joyantipur Baganpara, Adibasipara, Bagtipara & dangapara	38914	17	iii. Beneficiary Led Construction	2017-18
Joyantipur Santrapara & Roypara	41238	30	iii. Beneficiary Led Construction	2017-18
Khejurdanga Kotalpara	36860	26	iii. Beneficiary Led Construction	2017-18
Dalmadal Majipara & Adibasipara	26146	17	iii. Beneficiary Led Construction	2017-18
Joyantipua Tantipara	21490	15	iii. Beneficiary Led Construction	2017-18
Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripa & Bastipara	160375	35	iii. Beneficiary Led Construction	2017-18
Manpur Adibasipara, Hatipara & Rashikanandapur	43042	22	iii. Beneficiary Led Construction	2017-18
Dalmadal Majipara	43196	13	iii. Beneficiary Led Construction	2017-18
Jagina Dompapa & Shyamnagar Roypara	9854	12	iii. Beneficiary Led Construction	2017-18
Ramrangi Bauripara, Madhabpur Bauripara & Ajodhya Schoolpara	44357	39	iii. Beneficiary Led Construction	2017-18
Dakshinbazar Doluipara, Daspara & Chowrapara	75798	56	iii. Beneficiary Led Construction	2017-18
Gopsai Namapara, Berapara & Presspara	59582	32	iii. Beneficiary Led Construction	2017-18

Lalsagar Uttarpara-dakshinpara	33319	34	iii. Beneficiary Led Construction	2017-18
Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	43997	20	iii. Beneficiary Led Construction	2017-18
Malleswarpur Majipara & Adibasipara	15479	06	iii. Beneficiary Led Construction	2017-18
Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	49887	20	iii. Beneficiary Led Construction	2017-18
Baburber	9302	09	iii. Beneficiary Led Construction	2017-18
Non-Slum Area in Ward No 2		10	iii. Beneficiary Led Construction	2017-18
Non-Slum Area in Ward No 3		35	iii. Beneficiary Led Construction	2017-18
Non-Slum Area in Ward No 5		40	iii. Beneficiary Led Construction	2017-18
Non-Slum Area in Ward No 6		40	iii. Beneficiary Led Construction	2017-18

Table 15: Slum and Non-Slum wise Intervention strategies for for 2017-18

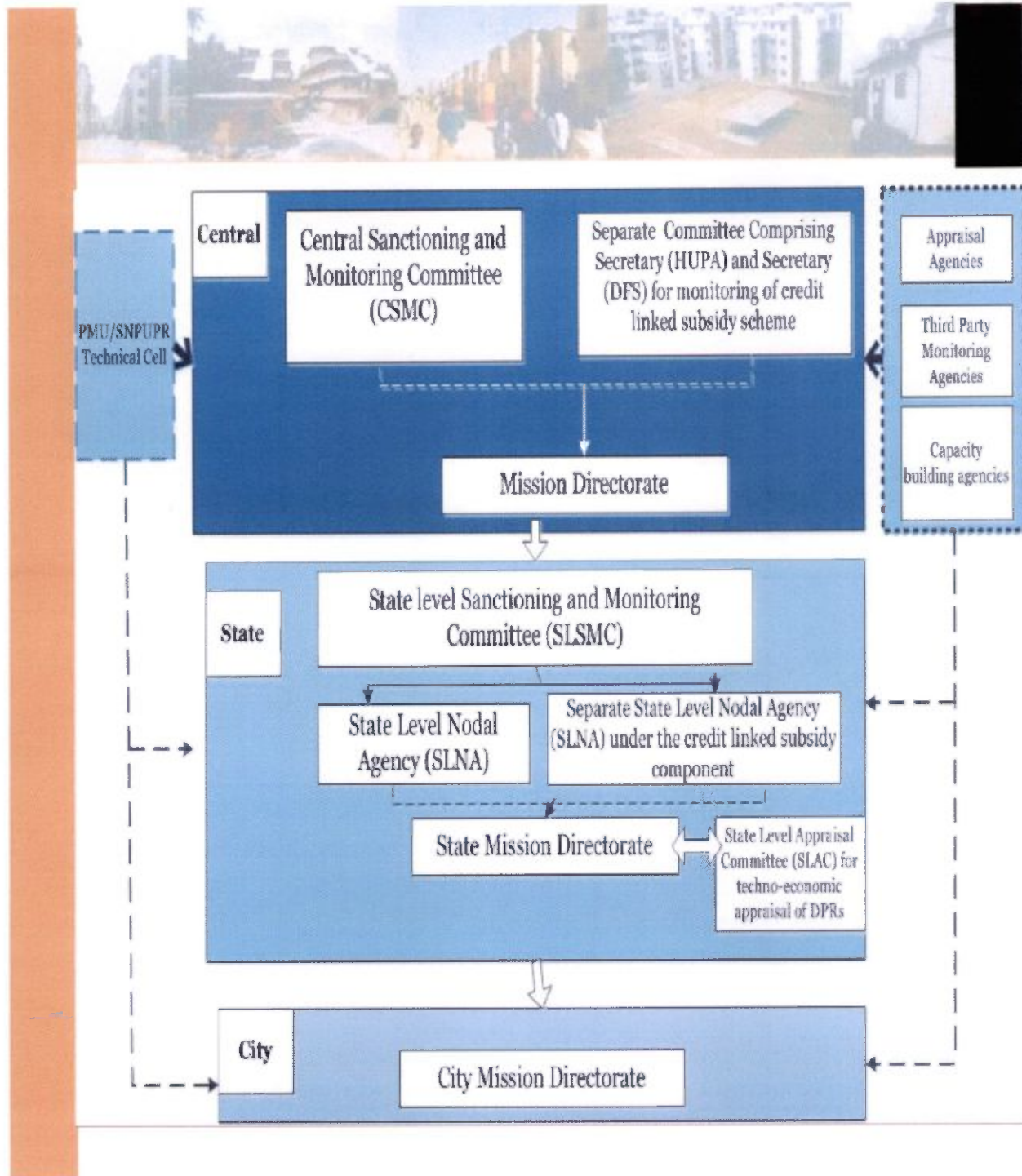
Year-wise targets under different components according to HFAPOA

Interventions		Number of Beneficiaries and Central Assistance Required (Rs. in Crores)												Total			
		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21				2021-22	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
Redevelopment through Private Participation	Slums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subsidy for beneficiary-led/improvement of existing house	Slums	1205	18.075	850	12.75	700	10.5	600	9	350	5.25	250	3.75	100	1.5	4055	60.825
	Non-Slums	230	3.45	125	1.875	110	1.65	80	1.2	50	0.75	20	0.3	18	0.27	633	9.495
Credit linked subsidy to individual beneficiaries	Slums	0		77		63		103		83		200		207		733	0
	Non-Slums	0		16		20		30		27		12		10		115	0
Affordable Housing in Partnership (AHP)	Slums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Non-Slums	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		1435	21.525	1068	14.625	893	12.15	813	10.2	510	6	482	4.05	335	1.77	5536	70.32

Table 16: Year-wise targets under different components

2.5 Resource mobilization strategy and Implementation strategy

Physical and social infrastructure require to develop in slum and non slum area to be covered another central and state schemes like 4th FC, 15th FC, UWES etc. Beneficiaries belong to propoor families, unable to contribute the beneficiary contribution under HFA project should be cover under project of SUHP funded by State Government.



Roles and responsibilities of the Institutions:**Central Sanctioning and Monitoring Committee (CSMC)**

- An inter-ministerial committee under Chairpersonship of Secretary (HUPA) for implementation of the Mission, approvals there under and monitoring.

Indicative Functions of CSMC

- Overall review and Monitoring of the Mission
- Assessing resource requirement based on HFAPoA and AIP submitted by States/UTs
- Approval of central releases under various components of the Mission
- Approval of Capacity Building Plans of States/UTs
- Devising financial and other norms for various activities undertaken as part of the Mission
- Approval of Annual Quality Monitoring Plans, Social Audit plans etc.
- Any other important issues required for implementation of the Mission.

State Level Sanctioning and Monitoring Committee (SLSMC)**Indicative functions of SLSMC**

- Approval of Housing for All Plan of Action (HFAPoA)
- Approval of Annual Implementation Plan
- Approval of DPRs under various components of the Mission
- Approval of Annual Quality Monitoring Plans
- Reviewing progress of approved projects in the State and cities
- Monitoring of implementation of Mission
- Any other issues required for effective implementation of the Mission.

Section 3: Project Concept and Scope

3.1 Introduction of slum(s)/non Slum Area:

Under section-3 of the Slum Area Improvement and Clearance Act, 1956, slums have been defined as mainly those residential areas where dwellings are in any respect unfit for human habitation by reasons of dilapidation, overcrowding, faulty arrangements and designs of such buildings, narrowness and faulty arrangement of streets, lack ventilation, light or sanitation facilities or any combination of these factors which are detrimental to safety, health and morals. Thus, conceptually slums are compact overcrowded residential areas (and not isolated or scattered dwellings) unfit for habitation due to lack of one or more of the basic infrastructure like drinking water, sanitation, electricity, sewerage, streets etc.

It is in this background that in the 2001 Census, an innovative attempt was made to collect demographic data slum areas across the country.

As per 2001 population census, the slum population is estimated to be 61.8 million, out of a total urban population of 285.35 million people reside in urban areas.

The analysis of the data in this report provided an overview of the population characteristics of slums and squatter settlements and is expected to serve as a benchmark for pragmatic and realistic town planning while dealing with the issue of slums and slum dwellers.

Urbanization is fast becoming the defining process in shaping the course of social transformation & ensuing development concerns in India. About 377 million persons or about 31% of India's population of 1.21 billion lived in urban areas in 2011, spread over 5161 towns.

As per Report on Indian Urban Infrastructure and Services (NIUA) Report_, the urban population is likely to grow to about 600 million by 2031. About one-fourth (24%) of the urban population of India is poor i.e. their expenditure on consumption goods is less than the poverty line benchmark. The benefits of urbanization have eluded this burgeoning 67 million urban poor population, most of who live in slums. An analysis of population growth trends between 1991 and 2001 shows that while India grew at an average annual growth rate of 2%, urban India grew at 3% mega cities at 4% and slum populations rose by 5%. This rapid and unplanned urbanization and simultaneous growth of urban population in the limited living spaces has a visible impact on the

quality of life of the slum dwellers of the city.

It is increasing clear that sustainable growth can only take place when it is inclusive and when the entire population including the poor and marginalized need to have at the least access to descent shelter, basic amenities, livelihoods and a voice in governance.* Keeping this in mind the Government of India and the various State Governments have been taking up several schemes on partnership mode.

Table showing Slum areas

Sl. No.	Ward No.	Name of Slum	Slum Code	No. of Kutcha & Semi-Pucca House	No. of Pucca House	Total Household	Area in Sq KM
1	Ward No 1	Alampur & Alampur Canelpar	001	64	0	64	0.02842
2		Bagswarpur, Samaspur, Nischindipur & Gossaiber	002	51	15	66	0.02076
3		Ilambazar & Ilambazar Muslimpara	003	144	2	146	0.02148
4		Golokdhampur Santrapara & Pathanber	004	45	3	48	0.0132
5		Gobindapur & Gobindapur Palpara	005	95	1	96	0.01008
6	Ward No 2	Mitrasenpur Dompara	006	47	0	47	0.02117
7		Naraharipur Majhipara	007	59	0	59	0.03923
8		Nayagunja Majhipara & Bagtipara	008	60	14	74	0.02774
9	Ward No 3	Raghunathpur Majipara, Chalakpara, Jamaipara, adakpara & Purusottampur Ruidaspara	009	127	13	140	0.03137
10		Madhabpur Bauripara, Kumorpara & Jelepara	010	136	20	156	0.04722
11		Madhabpur Muslimpara & Bhangipara	011	93	18	111	0.02343
12	Ward No 4	Kasaimahalla & Gajipur Daspara	012	120	11	131	0.03005
13		Khirkibazar Daspara & Shyamsundarpur	013	133	3	136	0.01429
14	Ward No 5	Begunbari & Jaharapukur Ruidaspalli	014	107	3	110	0.02003
15		Satibazar Daspara	015	86	0	86	0.01468
16		Gonsaibazar Ruidaspalli	016	31	0	31	0.0097
17	Ward No 6	Chasimahal, Canelpar, 24 Chhia & Lalbazar	017	99	11	110	0.08198
18		Majher Banshdaha	018	60	0	60	0.01526

19		Chasimahal Ruidaspara & Dompapa	019	47	1	48	0.02276
20		Nilapat	020	61	2	63	0.05097
21	Ward No 7	Bona Paschimpara, Majherpara & Sadgoppara	021	188	23	211	0.2081
22		Gopalpur Santrapara & Daspara	022	104	14	118	0.02583
23		Natunhat Ghoruipara, Ruidaspara & Majipara	023	125	1	126	0.07663
24	Ward No 8	Joyantipur Baganpara, Adibasipara, Bagtipara & dangapara	024	122	10	132	0.03891
25		Joyantipur Santrapara & Roypara	025	147	6	153	0.04124
26		Khejurdanga Kotalpara	026	90	1	91	0.03686
27		Dalmodal Majipara & Adibasipara	027	58	2	60	0.02615
28		Joyantipua Tantipara	028	61	0	61	0.02149
29	Ward No 9	Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripara & Bastipara	029	186	28	214	0.16038
30		Manpur Adibasipara, Hatipara & Rashikanandapur	030	108	7	115	0.04304
31		Dalmodal Majipara	031	84	7	91	0.0432
32	Ward No 10	Jagina Dompapa & Shyamnagar Roypara	032	40	0	40	0.00985
33		Ramrangi Bauripara, Madhabpur Bauripara & Ajodhya Schoolpara	033	188	14	202	0.04436
34	Ward No 11	Dakshinbazar Doluipara, Daspara & Chowrapara	034	213	60	273	0.0758
35		Gopsai Namapara, Berapara & Presspara	035	110	8	118	0.05958
36		Lalsagar Uttarpara-dakshinpara	036	128	14	142	0.03332
37	Ward No 12	Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	037	99	11	110	0.044
38		Malleswarpur Majipara & Adibasipara	038	54	35	89	0.01548
39		Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	039	101	10	111	0.04989
40		Baburber	040	22	5	27	0.0093
		Total		4501	373	4266	1.6072

Table 17: Slum areas

Slum Map

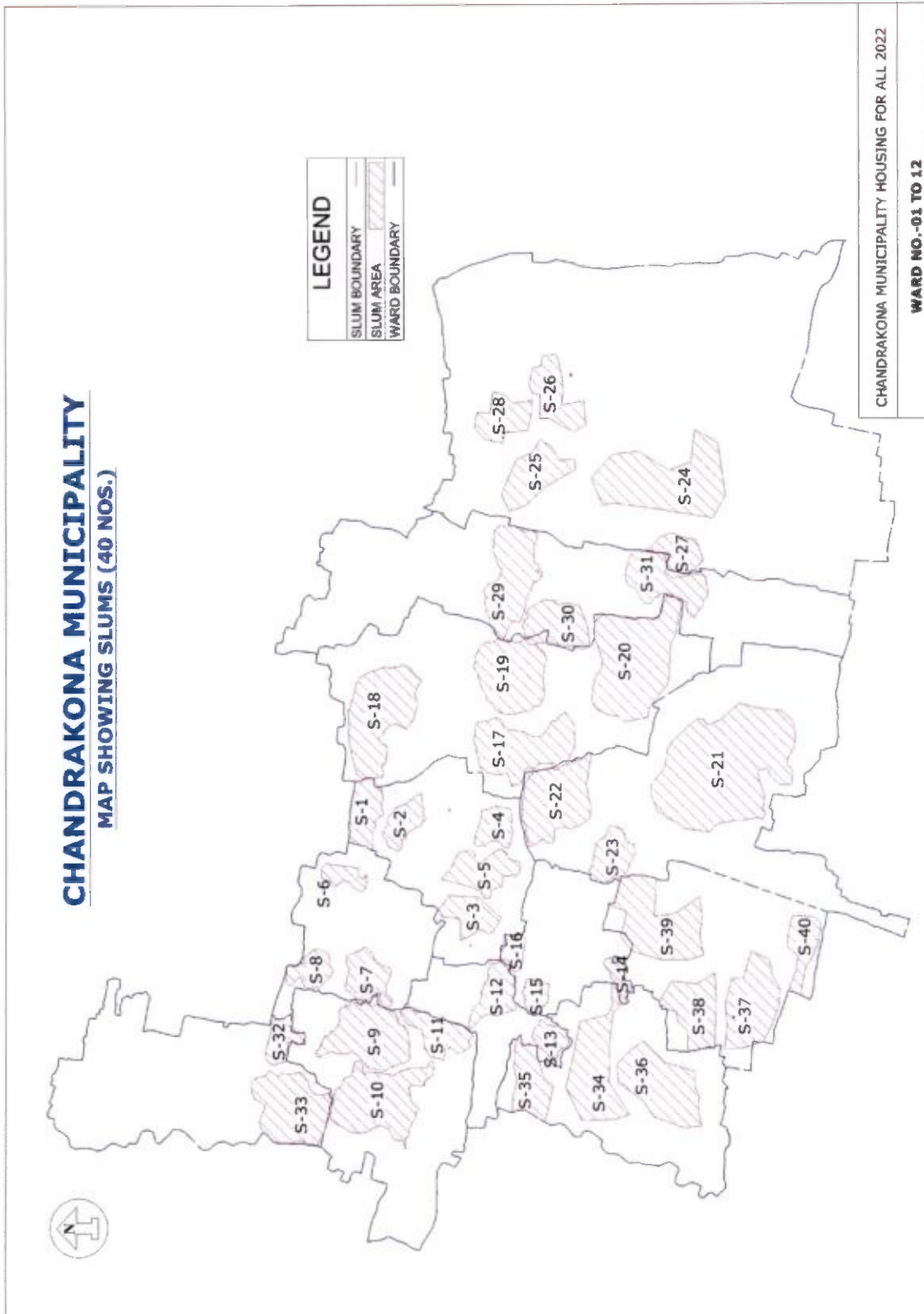
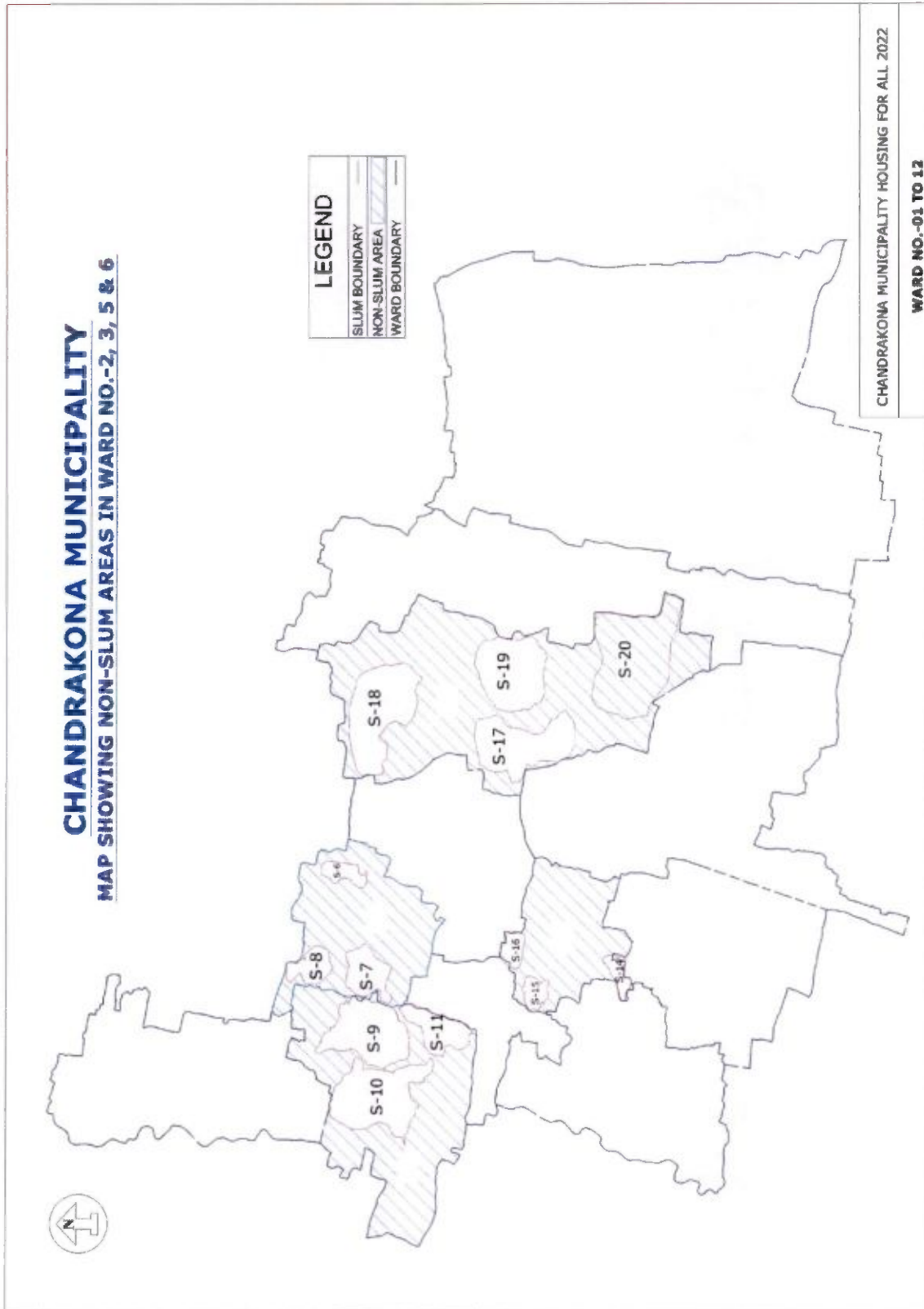


Table showing Non-Slum areas

Sl. No.	Non-Slum Area	No. of Kutcha & Semi-Pucca House	Area in Sq KM
1	Non-Slum Area in Ward No 2	133	0.02842
2	Non-Slum Area in Ward No 3	127	0.02117
3	Non-Slum Area in Ward No 5	157	0.03137
4	Non-Slum Area in Ward No 6	191	0.03005
		608	0.11101

Table 18: Non-Slum Areas

Non-Slum Map



3.2. Location of slum(s) / non Slum Area, Tenural Status, Land use and Land Possession status

Ward No	Slum Name	Age of Slum in Years	Area of Slum (Sq.meters)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Physical Location of Slum
1	Alampur & Alampur Canelpar(S.C.-001)	30	28420	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
1	Bagaswarpur, Samaspur, Nischindipur & Gossaiber(S-2)	40	20758	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
1	liambazar & liambazar Muslimpara (S.C.003)	60	21483	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
1	Golokdhampur Santrapara & Pathanber(S.C.004)	50	13199	CORE CITY/TOWN	Residential	Along Other Drains
1	Gobindapur & Gobindapur Palpara(S.C.005)	70	10075	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
2	Mitrasenpur Dompura (S.C.006)	65	21174	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
2	Naraharipur Majhipara (S.C.007)	60	39226	CORE CITY/TOWN	Residential	Along Major Transport Alignment
2	Nayagunja Majhipara & Bagtipara (S.C.008)	50	27743	CORE CITY/TOWN	Residential	Along Major Transport Alignment
3	R.Pur M.Para,C.Para,J.Para,A.Para,P.R.Para(S.C-9)	65	31373	CORE CITY/TOWN	Residential	ALONG Storm Water Drain/Nallah
3	Madhabpur Bauripara, Kumorpara & Jelepara (S.010)	0	47215	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
3	Madhabpur Muslimpara & Bhangipara (S.C.011)	35	23430	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
4	Kasaimahalla & Gajipur Daspara (S.C.-012)	60	30045	CORE CITY/TOWN	Residential	ALONG Storm Water Drain/Nallah
4	Khirkibazar Daspara & Shyamsundarpur	65	14285	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-

	(S.C.013)					Objectionable)
5	Begunbari & Jaharapukur Ruidaspally(S.C.014)	70	20031	FRINGE AREA	Residential	Others(non-Hazardous/Non-Objectionable)
5	Satibazar Daspara (S.C.015)	50	14682	CORE CITY/TOWN	Residential	ALONG Storm Water Drain/Nallah
5	Gonsaibazar Ruidaspally (S.C.016)	75	9698	CORE CITY/TOWN	Residential	Along Major Transport Alignment
6	Chasimahai, Canelpar, 24 Chhia & Lalbazar (s.017)	40	81982	FRINGE AREA	Residential	Others(non-Hazardous/Non-Objectionable)
6	Majher Banshdaha (S.C.018)	80	15256	FRINGE AREA	Residential	Along Other Drains
6	Chasimahai Ruidasparya & Domparya (S.C.019)	50	22756	FRINGE AREA	Residential	Along Other Drains
6	Nilapat(S.C.-020)	70	50972	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
7	Bona Paschimpara, Majherpara & Sadgoppara(S.021)	30	20809 8	FRINGE AREA	Residential	Along Other Drains
7	Gopalpur Santapar & Daspara(S.C.022)	35	25827	FRINGE AREA	Residential	Along Other Drains
7	Narunhut Ghoruipara, Ruidasparya & Majipara(S.C.023)	34	76632	FRINGE AREA	Residential	Others(non-Hazardous/Non-Objectionable)
8	Joyantipur B.Para, A.Para, B.Para, & Dafapara(S.24)	25	38914	FRINGE AREA	Residential	Others(non-Hazardous/Non-Objectionable)
8	Joyantipur Santrapara & Roypara (S.C.025)	23	41238	FRINGE AREA	Residential	Along Major Transport Alignment
8	Khejurdanga Kotalpara (S.C.026)	30	36860	FRINGE AREA	Residential	Along Major Transport Alignment
8	Dalmadal Majipara & Adibasipara (S.C.027)	26	26146	FRINGE AREA	Residential	Along Other Drains
8	Joyantipur Tantipara(S.C.28)	25	21490	FRINGE AREA	Residential	Along Other Drains
9	Ramgunja M.Para,B.Para,K.Para,K .Gunja,M.Para(S.029)	30	16037 5	FRINGE AREA	Residential	Others(non-Hazardous/Non-Objectionable)
9	Manpur Adibasipara,Hatipara & Rasikanandapur(S.30)	25	43042	FRINGE AREA	Residential	Along Other Drains
9	Dalmadal Majipara (S.C.031)	25	43196	FRINGE AREA	Residential	Along Other Drains

10	Jagina Dompara & Shyamnagar Roypara(S.C.032)	30	9854	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
10	Ramrangi B.Para,M.Pur,B.Para,& Ajodhya S.Para(s.033	25	44357	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
11	Dakshinbazar Doluipara, Daspara&Chowrapara(S.034)	30	75798	FRINGE AREA	Residential	Along Other Drains
11	Gopsai Namapara,Berapara&P resspara(S.C.035)	30	59582	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
11	Lalsagar Uttarpara- Dakshinpara(S.C.-036)	35	33319	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
12	Paraima Majipar,Bhatpukur M.Para,&A.Para(S.C-037)	25	43997	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
12	Malleswarpur Majipara & Adibasipara(S.C.038)	25	15479	FRINGE AREA	Residential	Along Other Drains
12	B.Bazar M.Para,R.Para,A.Para, &K.A.Para(S.039)	30	49887	FRINGE AREA	Residential	ALONG Storm Water Drain/Nallah
12	Baburber (S.C.040)	30	9302	FRINGE AREA	Residential	Along Other Drains

Table 19: Location of Slums

Tenural Status of Slums

Sl. No.	Ward No.	Name of Slum	Slum Code	No. of Kutcha & Semi-Pucca House	Area in Sq KM	Ownership details			Type of house based on Roof		Land Availability in this Municipal Area
						Own	Rented	Otherwise	Semi-Pucca	Katcha	
1	Ward No 1	Alampur & Alampur Canelpar	001	64	0.02842	64	0	0	64	0	64
2		Bagswarpur, Samaspur, Nischindipur & Gossaiber	002	51	0.02076	46	5	0	49	2	47
3		Ilambazar & Ilambazar Muslimpara	003	144	0.02148	123	9	12	115	29	134
4		Golokdhampur Santrapara & Pathanber	004	45	0.0132	44	1	0	45	0	45
5		Gobindapur & Gobindapur Palpara	005	95	0.01008	94	1	0	94	1	95
6	Ward No 2	Mitrasenpur Dompara	006	47	0.02117	44	1	2	46	0	44
7		Naraharipur Majhipara	007	59	0.03923	58	1	0	57	1	58
8		Nayagunja Majhipara & Bagtipara	008	60	0.02774	58	1	1	58	2	59
9	Ward No 3	Raghunathpur Majipara, Chalakpara, Jamaipara, adakpara & Purusottampur Ruidaspara	009	127	0.03137	120	0	7	90	34	116
10		Madhabpur Bauripara, Kumorpara & Jelepara	010	136	0.04722	133	0	3	91	44	115
11		Madhabpur Muslimpara & Bhangipara	011	93	0.02343	92	0	1	47	42	92
12	Ward No 4	Kasaimahalla & Gajipur Daspara	012	120	0.03005	110	10	0	120	0	112
13		Khirkibazar Daspara & Shyamsundarpur	013	133	0.01429	129	4	0	129	4	130
14	Ward No 5	Begunbari & Jaharapukur Ruidaspalli	014	107	0.02003	107	0	0	102	2	107
15		Satibazar Daspara	015	86	0.01468	76	9	1	83	2	84

16		Gonsaibazar Ruidaspalli	016	31	0.0097	31	0	0	22	9	31
17	Ward No 6	Chasimahal, Canelpar, 24 Chhia & Lalbazar	017	99	0.08198	97	0	2	81	18	99
18		Majher Banshdaha	018	60	0.01526	60	0	0	56	3	60
19		Chasimahal Ruidaspara & Dompapa	019	47	0.02276	45	0	2	39	8	45
20		Nilapat	020	61	0.05097	61	0	0	57	2	61
21	Ward No 7	Bona Paschimpara, Majherpara & Sadgoppara	021	188	0.2081	179	1	8	185	2	188
22		Gopalpur Santrapara & Daspara	022	104	0.02583	101	3	0	98	4	102
23		Natunhat Ghoruipara, Ruidaspara & Majipara	023	125	0.07663	124	1	0	111	14	125
24	Ward No 8	Joyantipur Baganpara, Adibasipara, Bagtipara & dangapara	024	122	0.03891	119	0	3	22	78	109
25		Joyantipur Santrapara & Roypara	025	147	0.04124	142	1	4	47	80	137
26		Khejurdanga Kotalpara	026	90	0.03686	83	0	7	5	78	85
27		Dalmadal Majipara & Adibasipara	027	58	0.02615	55	0	3	0	53	58
28		Joyantipua Tantipara	028	61	0.02149	61	0	0	5	48	60
29	Ward No 9	Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripapa & Bastipara	029	186	0.16038	181	0	5	157	29	186
30		Manpur Adibasipara, Hatipara & Rashikanandapur	030	108	0.04304	106	1	1	107	1	108
31		Dalmadal Majipara	031	84	0.0432	83	0	1	82	2	84
32	Ward No 10	Jagina Dompapa & Shyamnagar Roypara	032	40	0.00985	38	2	0	38	1	40
33		Ramrangi Bauripara, Madhabpur Bauripara & Ajodhya Schoolpara	033	188	0.04436	188	0	0	170	18	188
34	Ward No	Dakshinbazar Doluipara, Daspara	034	213	0.0758	192	11	10	186	20	206

	11	& Chowrapara									
35		Gopsai Namapara, Berapara & Presspara	035	110	0.05958	95	9	6	91	13	105
36		Lalsagar Uttarpara-dakshinpara	036	128	0.03332	123	1	4	120	7	116
37	Ward No 12	Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	037	99	0.044	89	1	9	92	5	98
38		Malleswarpur Majipara & Adibasipara	038	54	0.01548	48	2	4	53	0	52
39		Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	039	101	0.04989	100	0	1	97	4	97
40		Baburber	040	22	0.0093	21	0	1	21	0	21
		Total		3893	1.6072	3720	75	98	3132	660	3763

Tenural Status of Non-Slum Area

Sl. No.	Non-Slum Area	No. of Kutchha & Semi-Pucca House	Area in Sq KM	Ownership details			Type of house based on Roof		Land Availability in this Municipal Area
				Own	Rented	Otherwise	Semi-Pucca	Katchha	
1	Non-Slum Area in Ward No 2	133	0.02842	125	7	1			130
2	Non-Slum Area in Ward No 3	127	0.02117	124	1	2			126
3	Non-Slum Area in Ward No 5	157	0.03137	157	0	0			148
4	Non-Slum Area in Ward No 6	191	0.03005	189	1	1			191
	Total	608	0.11101	595	9	4	0	0	595

3.3. Existing basic infrastructure and its coverage

Infrastructure overview

Old towns like Chandrakona face bigger challenges of infrastructure planning than relatively new towns. Chandrakona developed as a urban settlement 145 years ago. In earlier times Settlements developed haphazardly as there was no concept of planning. At the same time the population was very low which did not demanded any planning. The services provided by the municipality were satisfactory. But with the passage of time the population increased and growing effects of urbanization is putting pressure. Chandrakona Municipality, in its physical forms provide its citizens basic infrastructure like roads, drainage and water supply In this context infrastructure planning needs an overall study of the existing infrastructure situation in the municipality. Quantification and analysis of the quality of services will thus help in proposing improvement plan for the Chandrakona Municipality.

Infrastructure at a glance of Chandrakona Municipality

1	Name of the District:	Paschim Medinipur
2	Year of establishment:	1869
3	Area (in sq. Km):	16.58 sq. km.
4	No. of wards:	12
5	Population (Census 2011):	
5.1	Male	11977
5.2	Female	11652
5.3	Total	23629
6	Density of Population (Per sq. km.)	1425
7	Break up of Population (2011):	
7.1	SC	9038
7.2	ST	536
7.3	Minorities	Not available
8	Date when last election held:	2015
9	Year of Last Assessment of Properties:	2015-16
10	Literacy Rate	74.33
11	Number of BPL Household (as per SUDA Survey):	2352
12	Slum Scenario	
12.1	Total No of Slum	40
12.2	Total Slum Population (as per PMAY Demand Survey)	17800
12.3	Percentage of Slum Population to the total population	66 %
13	Housing status for Urban Poor: (as on 31.03.14)	
13.1	No. of beneficiaries provided with Houses under BSUP / IHSDP/ "Housing for Urban Poor"	IHSDP – 350 Housing for Urban Poor -83
14	Length of Municipal Pucca Road: (in km.)	92 k.m.
15	Length of Drain: (in km.)	177k.m.

16	Water Supply:	
16.1	No. of Deep Tubewell	15
	Overhead Reservoir	4
16.2	No. of Stand post	612
16.3	No. of houses connected with water supply network	3224
17	Total no. of light posts.	2400
18	Health :	
18.1	No. of Hospital (ULB / Govt./ Private)	1 (Govt.)
18.2	No. of Municipal Health Sub-Centre	3
19	Education :	
19.1	No. of Higher Secondary School (Municipal/ others)	2
19.2	No. of Secondary School (Municipal/ others)	3
19.3	No. of Primary School(Municipal/ others)	19
19.4	No. of SishuSikshaKendras (SSK)	7
20	Other Infrastructure (Both Municipal & Others) :	
20.1	Bridge	Nil
20.2	Flyover	Nil
20.3	Stadium	Nil
20.4	Parks and Gardens	2
20.5	Playground	1
20.6	Auditorium/Community Hall	1
20.7	Borough Office	Nil
20.8	Ward office	Nil
20.9	Market	4
20.10	Burning Ghat	8
20.11	Electric Crematorium	Nil
20.12	Burial Ground	4
20.13	Public Library	2
20.14	Bus Terminus	1
20.15	Ferry Ghat	Nil
20.16	Guest House/ Tourist Lodge	Nil
20.17	Community Latrine	6
20.18	Night Shelter	Nil
20.19	Others (Please specify) -	_____

Table 20: Infrastructure at a glance of Chandrakona Municipality

Water supply

The only source of water in the Municipality is ground water, which supplies water to overhead reservoir. Besides there are also direct supply of water from pumps through pipelines. The only one reservoir with a capacity of 1200000 litres per day is located in ward no 5. There are 3 old and new pump houses, which supplies every day for 15-16 hours. The water supply pipeline is 68.k.m. in length distributed across all wards.

Water supply

Source of supply of water	Total volume of water supply
Ground water	1600000 litres

Source: Municipality

The spot source of water supply is hand pumps. There is 480 stand post in the whole municipality. Presently the existing water supply is able to meet the basic need of the people. However there are areas where water supply has not reached. Hence people have to depend on public stand posts. At the same time duration of water supply to households as well as the spot sources is considerably less leading to long queues.

Water scarce areas

- Mitrasenpur and Naraharipur – ward no 2
- Thakurbari Bazar area and Raghunathpur – ward no 3
- Kantabon – ward no 6
- Dalmadol and Bokultala – ward no 8
- Kamar Ganja – ward no 9

Identification of gap - The present population of Chandrakona is only 23629. This population resides in 16.58 sq kms of area, which means that the density of population is only 1425 persons per sq kms. According to the water supply norm based on UDPFI guidelines for small towns @ 100 LPCD is the basic desirable amount that should be supplied.

Drainage

In the West Midnapore district, especially in the northern belt and so the Chandrakona town suffers from drainage problem. In Chandrakona municipality only 29 % of the total network is pucca. The rest is kutcha or earthen drains. The drains of Chandrakona town are mostly shallow and non-lined. In many areas the drains are either clogged or has physically disappeared.

Status of Drain

Drainage :	
Length of Kutcha Drain (in km.)	85 k.m.
Length of Pucca Drain (in km.)	92 k.m.
Length of underground / covered Drain (in km.)	Nil
Total length of Drain (in km.)	177 k.m.
No. of wards fully covered with Pucca Drain	Nil
No. of wards partly covered with Pucca Drain	12

Table 21: Status of Drains in the Municipality

Mara khal are the main drainage outlet of Chandrakona town and its environs on the western boundary. But degradation in the embankment area has caused huge deposition on the riverbed. The Mara khal is no longer able to flush out the wastewater of the town. Stagnation of water is one of the serious concerns of the municipality.

The water logging areas are –

- Madhabpur bauripara – ward no 3
- Ramrongi – ward no 10
- Gopsai – ward no 12
- Lalsagar – ward no 12
- Paraima - ward no 12
- Khirki bazaar – ward no 4
- Sati bazaar – ward no 5
- Bona – ward no 7

Sanitation and sewerage network

The sewerage system in Chandrakona is still in a very primitive state. There is no sewerage network to carry away waste materials and night soil. More than 30 % of the population is using toilet other than sanitary latrine. Individual household have septic tanks with soak pit.

Road network

The municipal area is connected by a bituminous road network of a length of about 42 kms having widths varying from 12 ft to 30ft. Besides there are morrum roads covering 28 kms within the municipal area. 15 kms of the municipal roads are Concrete roads

Traffic Management: the Ghatal – Chandrakona State Highway is the main connecting road with the regional network. The junction on this road is the main intersection in the municipal area causing traffic jams during the peak hours. The road is narrow with encroachment by street hawkers, unauthorised lorry parking, which results in congestion.



Moorum Road



Road Repairing Work Going on

Solid Waste Management

If solid wastes are not managed properly, there are many negative impacts that may result. Some of the most important are mentioned in the following list. The relative importance of each depends very much on local conditions.

- Uncollected wastes often end up in drains, causing blockages, which result in flooding and in sanitary conditions.

- Flies breed in some constituents of solid wastes, and flies are very effective vectors that spread disease.
- The open burning of waste causes air pollution; the products of combustion include dioxins, which are particularly hazardous. .
- Uncollected waste degrades the urban environment, discouraging efforts to keep streets and open spaces in a clean and attractive condition. Solid waste management is a clear indicator of the effectiveness of a municipal administration – if the provision of this service is inadequate large numbers of citizens (voters) are aware of it. Plastic bags are a particular aesthetic nuisance and they cause the death of grazing animals, which eat them.
- Waste collection workers face particular occupational hazards, including strains from lifting, injuries from sharp objects and traffic accidents.
- Dumps of waste and abandoned vehicles block streets and other access ways.
- Polluted water (leachate) flowing from waste dumps and disposal sites can cause serious pollution of water supplies. Chemical wastes (especially persistent organics) may be fatal or have serious effects if ingested, inhaled or touched and can cause widespread pollution of water supplies.
- Fires on disposal sites can cause major air pollution, causing illness and reducing visibility, making disposal sites dangerously unstable, causing explosions of cans, and possibly spreading to adjacent property.
- Former disposal sites provide very poor foundation support for large buildings, so buildings constructed on former sites are prone to collapse

The solid waste management in Chandrakona is in the form of garbage collection and disposal. There are no proper dumping grounds. The existing system is to collect garbage from the roads with the help of Safai majdoors and carried by tractors to open low land for ordinary dumping. Such practice did not cause much of inconvenience in early days as population was less and more free land was available. But today, the waste generated every day in urban areas is high and is toxic in character. Hence there is high risk of pollution of land and soil.

The solid waste generation during the present time is only 677 kg per day, which is less than normal. However out of this volume only 203 kg is collected. Thus simply the people indiscriminately at different places dispose about 474 kg of garbage. In the absence of any dumping ground the problem of garbage disposal has a concern for the municipality. Though presently the collection efficiency may be improved to tackle the impending problem, it is necessary the solid waste management system including door-to-door collection, dumping ground is created. Pollution in Chandrakona is mainly due this uncontrolled and unscientific method or practice.

Keeping in mind the solid waste generation in the municipality in the next 25 years, a scientific solid waste management system should be introduced in the municipality. **Waste management** is the collection, transport, processing, recycling or disposal of waste materials. The term usually relates to materials produced by human activity, and is generally undertaken to reduce their effect on health, aesthetics or amenity. Waste management is also carried out to reduce the materials' effect on the environment and to recover resources from them. Waste management can involve solid, liquid or gaseous substances, with different methods and fields of expertise for each.

Slum Infrastructure and its Connectivity

Physical Infrastructure Available in Slums

Sl. No.	Ward No.	Name of Slum	Slum Code	Road (In Mtr.)		Drain (In Mtr.)		Street Light (In No.)	Water Stand Post (In No.)
				Pucca	Kutchra	Kutchra	Pucca		
1	Ward No 1	Alampur & Alampur Caneipar	001	1137	144	682	341	23	8
2		Bagswarpur, Samaspur, Nischindipur & Gossaiber	002	830	99	498	249	17	7
3		Ilambazar & Ilambazar Muslimpara	003	859	287	516	258	17	6
4		Golokdhampur Santrapara & Pathanber	004	528	162	317	158	12	4
5		Gobindapur & Gobindapur Palpara	005	403	207	242	121	8	3
6	Ward No 2	Mitrasenpur Dompara	006	847	296	508	254	17	6
7		Naraharipur Majhipara	007	1569	341	941	471	31	10
8		Nayagunja Majhipara & Bagtipara	008	1110	260	666	333	22	7
9	Ward No 3	Raghunathpur Majipara, Chalakpara, Jamaipara, adakpara & Purusottampur Ruidaspara	009	1255	404	753	376	25	8
10		Madhabpur Bauripara, Kumorpara & Jelepara	010	1889	207	1133	567	38	13
11		Madhabpur Muslimpara & Bhangipara	011	937	287	562	281	19	6
12	Ward No 4	Kasaimahalla & Gajipur Daspara	012	1202	278	721	361	24	8
13		Khirkibazar Daspara & Shyamsundarpur	013	571	171	343	171	11	4
14	Ward No 5	Begunbari & Jaharapukur Ruidaspalli	014	801	404	481	240	16	5
15		Satibazar Daspara	015	587	359	352	176	12	4
16		Gonsaibazar Ruidaspalli	016	388	135	233	116	8	3

17	Ward No 6	Chasimahal, Canelpar, 24 Chhia & Lalbazar	017	3279	81	1968	984	66	22
18		Majher Banshdaha	018	610	54	366	183	12	4
19		Chasimahal Ruidaspara & Dompapa	019	910	81	546	273	18	6
20		Nilapat	020	2039	54	1223	612	41	14
21	Ward No 7	Bona Paschimpara, Majherpara & Sadgoppapa	021	8324	620	4994	2497	166	55
22		Gopalpur Santrapara & Daspara	022	1033	234	620	310	21	7
23		Natunhat Ghoruipara, Ruidaspara & Majipara	023	3065	494	1839	920	61	20
24	Ward No 8	Joyantipur Baganpara, Adibasipara, Bagtipara & dangapara	024	1557	566	934	467	31	10
25		Joyantipur Santrapara & Roypara	025	1650	503	990	495	33	11
26		Khejurdanga Kotalpara	026	1474	252	885	442	29	10
27		Dalmadal Majipara & Adibasipara	027	1046	252	628	314	21	7
28		Joyantipua Tantipara	028	860	225	516	258	17	6
29	Ward No 9	Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripapa & Bastipara	029	6415	530	3849	1925	128	43
30		Manpur Adibasipara, Hatipara & Rashikanandapur	030	1722	269	1033	517	34	11
31		Dalmadal Majipara	031	1728	323	1037	518	35	12
32	Ward No 10	Jagina Dompapa & Shyamnagar Roypara	032	394	180	236	118	8	3
33		Ramrangi Bauripara, Madhabpur Bauripara & Ajothya Schoolpara	033	1774	494	1065	532	35	12
34	Ward No 11	Dakshinbazar Doluipara, Daspara & Chowrapara	034	3032	422	1819	910	61	20
35		Gopsai Namapara, Berapara & Presspara	035	2383	252	1430	715	48	16
36		Lalsagar Uttarpara-dakshinpara	036	1333	135	800	400	27	9

37	Ward No 12	Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	037	1760	180	1056	528	35	12
38		Malleswarpur Majipara & Adibasipara	038	619	269	371	186	12	4
39		Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	039	1995	260	1197	599	40	13
40		Baburber	040	372	54	223	112	7	2

Table 22: Physical Infrastructure Available in Slums

Social Infrastructure Available in Slums

Sl. No.	Ward No.	Name of Slum	Slum Code	Social Infrastructure					
				Community Center (In No.)	Livelihood Centre (In No.)	Aminal Pen (In No.)	Rickshaw Shed (In No.)	Health Infrastructure (In No.)	Educational Infrastructure (In No.)
1	Ward No 1	Alampur & Alampur Canelpar	001	1					
2		Bagswarpur, Samaspur, Nischindipur & Gossaiber	002						
3		Ilambazar & Ilambazar Muslimpara	003						
4		Golokdhampur Santrapara & Pathanber	004						
5		Gobindapur & Gobindapur Palpara	005	1					
6	Ward No 2	Mitrasenpur Dompura	006						1 Primary School
7		Naraharipur Majhipara	007						
8		Nayagunja Majhipara & Bagtipara	008					1 Health Sub Centre	
9	Ward No 3	Raghunathpur Majipara, Chalakpara, Jamaipara, adakpara & Purusottampur Ruidaspara	009				1		
10		Madhabpur Bauripara, Kumorpara & Jelepara	010	1					1 Primary School
11		Madhabpur Muslimpara & Bhangipara	011						1 SSK
12	Ward No 4	Kasaimahalla & Gajipur Daspara	012		1				1 Primary School
13		Khirkibazar Daspara & Shyamsundarpur	013				1		
14	Ward No 5	Begunbari & Jaharapukur Ruidaspalli	014						1 SSK
15		Satibazar Daspara	015	1					
16		Gonsaibazar	016						

		Ruidaspalli							
17	Ward No 6	Chasimahal, Canelpar, 24 Chhia & Lalbazar	017						
18		Majher Banshdaha	018						
19		Chasimahal Ruidaspara & Dompapa	019	1					1 SSK
20		Nilapat	020						1 Primary School
21	Ward No 7	Bona Paschimpara, Majherpara & Sadgoppa	021	1					1 Primary School
22		Gopalpur Santrapara & Daspara	022						1 SSK
23		Natunhat Ghoruipara, Ruidaspara & Majipara	023						
24	Ward No 8	Joyantipur Baganpara, Adibasipara, Bagtipara & dangapara	024	1					
25		Joyantipur Santrapara & Roypara	025		1	1			1 Health Sub Centre
26		Khejurdanga Kotalpara	026	1					
27		Dalmadal Majipara & Adibasipara	027	1					
28		Joyantipua Tantipara	028						
29	Ward No 9	Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripara & Bastipara	029				1		2 Primary School
30		Manpur Adibasipara, Hatipara & Rashikanandapur	030						
31		Dalmadal Majipara	031	1			1		1 SSK
32	Ward No 10	Jagina Dompapa & Shyamnagar Roypara	032						
33		Ramrangi Bauripara, Madhabpur Bauripara &	033				1		2 Primary School

		Ajodhya Schoolpara							
34	Ward No 11	Dakshinbazar Doluipara, Daspara & Chowrapara	034	1			1		1 SSK
35		Gopsai Namapara, Berapara & Presspara	035						1 Primary School
36		Lalsagar Uttarpara-dakshinpara	036						
37	Ward No 12	Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	037						
38		Malleswarpur Majipara & Adibasipara	038						1 Primary School
39		Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	039						
40		Baburber	040						1 Primary School

Table 23: Social Infrastructure Available in Slums

Connectivity of Slums

Slum Name	Connectivity to City-wide Storm-water Drainage System	Connectivity to City-wide Storm-water Drainage System	Connectivity to City-wide Sewerage System	Whether the Slum is prone to flooding due to rains	Frequency of Garbage Disposal
Alampur & Alampur Canelpar(S.C.-001)	Partially Connected	Not Connected	Not Connected	Upto 15 days	No collection
Bagaswarpur, Samaspur, Nischindipur&Gossaiber(S-2)	Partially Connected	Not Connected	Not Connected	Upto 15 days	Data Not Entered
Iambazar & Iambazar Muslimpara (S.C.003)	Partially Connected	Not Connected	Not Connected	Upto 15 days	Data Not Entered
Golokdhampur Santrapara & Pathanber(S.C.004)	Partially Connected	Not Connected	Not Connected	Upto 15 days	Once in a month
Gobindapur & Gobindapur Palpara(S.C.005)	Partially Connected	Partially Connected	Not Connected	Not prone	Once in a month
Mitrasenpur Dompara (S.C.006)	Partially Connected	Partially Connected	Not Connected	Upto 15 days	No collection
Naraharipur Majhipara (S.C.007)	Partially Connected	Partially Connected	Not Connected	Not prone	Once in a month
Nayagunja Majhipara & Bagtipara (S.C.008)	Partially Connected	Partially Connected	Not Connected	Not prone	Once in a month
R.Pur M.Para,C.Para,J.Para,A.Para,P.R.Para(S.C-9)	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month
Madhabpur Bauripara, Kumorpara & Jelepura (S.010)	Partially Connected	Partially Connected	Not Connected	15-30 days	Data Not Entered
Madhabpur Muslimpara & Bhangipara (S.C.011)	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month
Kasaimahalla & Gajipur Daspara (S.C.-012)	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month
Khirkibazar Daspara & Shyamsundarpur (S.C.013)	Partially Connected	Not Connected	Not Connected	Not prone	No collection
Begunbari & Jahrapukur Ruidaspally(S.C.014)	Partially Connected	Partially Connected	Not Connected	Not prone	Once in a month
Satibazar Daspara (S.C.015)	Partially Connected	Partially Connected	Not Connected	Upto 15 days	No collection

Gonsaibazar Ruidaspally (S.C.016)	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month
Chasimahal, Canelpar, 24 Chhia & Lalbazar (s.017)	Partially Connected	Not Connected	Not Connected	Not prone	No collection
Majher Banshdaha (S.C.018)	Partially Connected	Not Connected	Not Connected	Not prone	No collection
Chasimahal Ruidaspara & Dompapa (S.C.019)	Partially Connected	Not Connected	Not Connected	Not prone	No collection
Nilapat(S.C.-020)	Partially Connected	Not Connected	Not Connected	Not prone	No collection
Bona Paschimpara, Majherpara & Sadgoppara(S.021)	Partially Connected	Not Connected	Not Connected	Not prone	No collection
Gopalpur Santapar & Daspara(S.C.022)	Partially Connected	Partially Connected	Not Connected	Not prone	No collection
Narunhut Ghoruipara, Ruidaspara & Majipara(S.C.023)	Partially Connected	Partially Connected	Not Connected	Not prone	No collection
Joyantipur B.Para, A.Para, B.Para, & Dafapara(S.24)	Partially Connected	Not Connected	Not Connected	Not prone	No collection
Joyantipur Santrapara & Roypara (S.C.025)	Partially Connected	Not Connected	Not Connected	15-30 days	Data Not Entered
Khejurdanga Kotalpara (S.C.026)	Partially Connected	Not Connected	Not Connected	15-30 days	No collection
Dalmadal Majipara & Adibasipara (S.C.027)	Partially Connected	Not Connected	Not Connected	15-30 days	No collection
Joyantipur Tantipara(S.C.28)	Partially Connected	Not Connected	Not Connected	15-30 days	No collection
Ramgunja M.Para,B.Para,K.Para,K.G unja,M.Para(S.029)	Partially Connected	Not Connected	Not Connected	15-30 days	No collection
Manpur Adibasipara,Hatipara & Rasikanandapur(S.30)	Partially Connected	Not Connected	Not Connected	15-30 days	No collection
Dalmadal Majipara (S.C.031)	Partially Connected	Not Connected	Not Connected	15-30 days	No collection
Jagina Dompapa & Shyamnagar Roypara(S.C.032)	Partially Connected	Not Connected	Not Connected	15-30 days	No collection
Ramrangi B.Para,M.Pur,B.Para,&Ajo dhya S.Para(s.033)	Partially Connected	Partially Connected	Not Connected	15-30 days	No collection
Dakshinbazar Doluipara, Daspara&Chowrapara(S.034)	Partially Connected	Not Connected	Not Connected	Upto 15 days	No collection

Gopsai Namapara,Berapara&Pre sspara(S.C.035)	Partially Connected	Partially Connected	Not Connected	15-30 days	No collection
Lalsagar Uttarpara- Dakshinpara(S.C.-036)	Partially Connected	Not Connected	Not Connected	Upto 15 days	Once in a month
Paraima Majipar,Bhatpukur M.Para,&A.Para(S.C-037)	Partially Connected	Not Connected	Not Connected	Upto 15 days	Once in a month
Malleswarpur Majipara & Adibasipara(S.C.038)	Partially Connected	Not Connected	Not Connected	Not prone	No collection
B.Bazar M.Para,R.Para,A.Para,&K. A.Para(S.039)	Partially Connected	Not Connected	Not Connected	Upto 15 days	No collection
Baburber (S.C.040)	Partially Connected	Partially Connected	Not Connected	Upto 15 days	No collection

Table: 24A: Connectivity of Slums

Ward No	Slum Name	Arrangeme nt of Garbage Disposal	Frequency of Clearance of Open drains	Approach Road/Lan e/Constru cted Path to the Slum	Distanc e from nearest MOTOR able Road	Internal Road	Whether Street light facility is available in the Slum
1	Alampur & Alampur Canelpar(S.C.-001	Municipal Contractor	No collection	Motorable Kaccha	LESS THAN 0.5 KMS-1	Non- Motorable Kaccha	Yes
1	Bagaswarpur, Samaspur, Nischindipur&Goss aiber(S-2)	Municipal Contractor	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Kaccha	Yes
1	liambazar & liambazar Muslimpara (S.C.003)	Others	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Kaccha	Yes
1	Golokdhampur Santrapara & Pathanber(S.C.004)	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Kaccha	Yes
1	Gobindapur & Gobindapur Palpara(S.C.005)	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Kaccha	Yes
2	Mitrasenpur Dompara (S.C.006)	Residents themselves	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Non- Motorable Pucca	Yes

2	Naraharipur Majhipara (S.C.007)	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Pucca	Yes
2	Nayagunja Majhipara & Bagtipara (S.C.008)	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Non-Motorable Kaccha	Yes
3	R.Pur M.Para,C.Para,J.Para,A.Para,P.R.Para(S.C.9)	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Kaccha	Yes
3	Madhabpur Bauripara, Kumorpara & Jelepura (S.010)	No Arrangements	Once in 15 days	Motorable Kaccha	0.5 TO 1.0 KM.	Motorable Kaccha	Yes
3	Madhabpur Muslimpara & Bhangipara (S.C.011)	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Kaccha	Yes
4	Kasaimahalla & Gajipur Daspara (S.C.-012)	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Pucca	Yes
4	Khirkibazar Daspara & Shyamsundarpur (S.C.013)	No Arrangements	No collection	Motorable Kaccha	LESS THAN 0.5 KMS-1	Motorable Kaccha	Yes
5	Begunbari & Jaharapukur Ruidaspally (S.C.014)	Municipal staff	Once in 15 days	Motorable Pucca	MORE THAN 5.0 K.M.	Motorable Pucca	Yes
5	Satibazar Daspara (S.C.015)	No Arrangements	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Non-Motorable Kaccha	Yes
5	Gonsaibazar Ruidaspally (S.C.016)	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Non-Motorable Kaccha	Yes
6	Chasimahal, Canelpar, 24 Chhia & Lalbazar (s.017)	No Arrangements	No collection	Motorable Kaccha	0.5 TO 1.0 KM.	Non-Motorable Pucca	Yes
6	Majher Banshdaha (S.C.018)	Residents themselves	No collection	Motorable Kaccha	0.5 TO 1.0 KM.	Motorable Kaccha	Yes
6	Chasimahal Ruidaspara & Dompura (S.C.019)	Others	No collection	Non-Motorable Kaccha	LESS THAN 0.5 KMS-1	Non-Motorable Kaccha	Yes
6	Nilapat(S.C.-020)	Others	No	Motorable	0.5 TO	Non-	Yes

			collection	Kaccha	1.0 KM.	Motorable Pucca	
7	Bona Paschimpara, Majherpara & Sadgoppara(S.021)	Others	No collection	Motorable Kaccha	10. K.M. TO 2.0 K.M.	Motorable Pucca	Yes
7	Gopalpur Santapar & Daspara(S.C.022)	No Arrangeme nts	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Pucca	Yes
7	Narunhut Ghoruipara, Ruidaspara & Majipara(S.C.023	No Arrangeme nts	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1	Non- Motorable Kaccha	Yes
8	Joyantipur B.Para, A.Para, B.Para, & Dafapara(S.24	No Arrangeme nts	No collection	Non- Motorable Pucca	LESS THAN 0.5 KMS-1	Non- Motorable Pucca	Yes
8	Joyantipur Santrapara & Roypara (S.C.025)	No Arrangeme nts	No collection	Non- Motorable Pucca	LESS THAN 0.5 KMS-1	Non- Motorable Pucca	Yes
8	Khejurdanga Kotalpara (S.C.026)	Others	No collection	Non- Motorable Pucca	LESS THAN 0.5 KMS-1	Non- Motorable Pucca	Yes
8	Dalmadal Majipara & Adibasipara (S.C.027)	Others	No collection	Motorable Kaccha	0.5 TO 1.0 KM.	Motorable Pucca	Yes
8	Joyantipur Tantipara(S.C.28)	Others	No collection	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Pucca	Yes
9	Ramgunja M.Para,B.Para,K.Pa ra,K.Gunja,M.Para(S.029	No Arrangeme nts	No collection	Non- Motorable Pucca	LESS THAN 0.5 KMS-1	Non- Motorable Pucca	Yes
9	Manpur Adibasipara,Hatipa ra & Rasikanandapur(S. 30)	No Arrangeme nts	No collection	Motorable Pucca	LESS THAN 0.5 KMS-1	Motorable Pucca	Yes
9	Dalmadal Majipara (S.C.031)	No Arrangeme nts	No collection	Motorable Kaccha	0.5 TO 1.0 KM.	Non- Motorable Pucca	Yes
10	Jagina Dompapa & Shyamnagar Roypara(S.C.032)	Residents themselves	Once in 15 days	Motorable Kaccha	LESS THAN 0.5 KMS-1	Motorable Kaccha	Yes

10	Ramrangi B.Para,M.Pur,B.Para, &Ajodhya S.Para(s.033	Others	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1	Non- Motorable Pucca	Yes
11	Dakshinbazar Doluipara, Daspara&Chowrap ara(S.034)	Others	Once in 15 days	Motorable Kaccha	LESS THAN 0.5 KMS-1	Non- Motorable Kaccha	Yes
11	Gopsai Namapara,Berapar a&Presspara(S.C.03 5)	Others	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1	Non- Motorable Pucca	Yes
11	Lalsagar Uttarpara- Dakshinpara(S.C.- 036)	Municipal staff	Once in 15 days	Non- Motorable Kaccha	0.5 TO 1.0 KM.	Non- Motorable Kaccha	Yes
12	Paraima Majipar,Bhatpukur M.Para,&A.Para(S. C-037)	Municipal staff	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1	Non- Motorable Pucca	Yes
12	Malleswarpur Majipara & Adibasipara(S.C.03 8)	Others	No collection	Motorable Kaccha	LESS THAN 0.5 KMS-1	Non- Motorable Pucca	Yes
12	B.Bazar M.Para,R.Para,A.Pa ra,&K.A.Para(S.039)	Others	No collection	Motorable Kaccha	LESS THAN 0.5 KMS-1	Non- Motorable Pucca	Yes
12	Baburber (S.C.040)	No Arrangeme nts	No collection	Motorable Kaccha	LESS THAN 0.5 KMS-1	Non- Motorable Kaccha	Yes

Table: 24B: Connectivity of Slums

Annexure-C

DPR SCRUTINITY REPORT FOR THE PROJECT UNDER BENEFICIARIES LED INDIVIDUAL HOUSE CONSTRUCTION / ENHANCEMENT COMPONENT OF PRADHAN MANTRI AWAS YOJANA (PMAY)

BASIC INFORMATION:					
1	Name of the State	:	West Bengal		
2	Name of the City	:	Chandrakona		
3	Project Name	:	HFA-CHANDRAKONA 2017-18		
4	Project Code	:	19801752024N0		
5	State Level Nodal Agency (SLNA)	:	SUDA		
6	Implementing Agency/ ULB	:	Chandrakona Municipality		
7			Total	New construction	Enhancement
	i) Project Cost (Rs in Lakhs)	:	3946.80	3946.80	Nil
	ii) Gol grant (Rs. in Lakhs)	:	1462.50	1462.50	Nil
	iii) State Grant (Rs. in Lakhs)	:	2061.15	2061.15	Nil
	iv) ULB/ Implementing agency share (Rs. in Lakhs)	:	179.40	Nil	Nil
	v) Beneficiary share (Rs. in Lakhs)	:	243.75	243.75	Nil
	vi) others, if any (Rs. in Lakhs)	:	Nil	Nil	Nil
8	Sources of availability of beneficiary share (self/loan/any other):	:	Self		
			(As per Annexure I)		
9	Project Brief:	:	HFA under PMAY		
10	No of eligible Beneficiaries for Gol grant:	:	975		
	Project duration (in months):	:	12		
ADMINISTRATIVE DETAILS					
12	Date of State Level Appraisal Committee (SLAC) approval of the project:	:			
13	Whether observations of SLAC have been incorporated?	:	Yes		
14	Date of SLSMC approved the project:	:			
15	Whether the format as per Annexure 7C of PMAY scheme guidelines has been signed by competent authorities:	:	Yes		

LAND DETAILS		
16	Whether selected beneficiaries have rightful ownership of land?	Yes
TECHNICAL DETAILS		
17	No of Proposed houses	
	i) New Construction	975
	ii) Enhancement	Nil
18	Whether the carpet area of proposed houses is up to 32.18 Sqm? If more, whether consultation with the Ministry has been done for determining the size of houses?	Within 32.18 Sqm
19	Whether building plans for all houses have been approved?	Yes
	Schedule of Rates (SOR) adopted (Year)	PWD (W.B schedule of Rates Building and Sanitary w.e.f- 01.07.2014
21	Whether cost index has been taken over the SOR rates? if Yes, whether supporting documents approving the same is furnished.	Yes
22	Whether technical specifications/design of housing have been ensured as per Indian Standards/NBC/State norms	Yes
23	Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation of the project? Please specify.	Yes
24	Whether statutory approvals from competent authorities have been obtained? If required	Yes
25	Whether any innovative / cost effective / green technology adopted in the project? If yes, please specify	No
26	Whether Beneficiaries have access to basic civic and social infrastructure facilities?	Yes
27	How Quality Assurance is proposed to be ensured for beneficiary led construction? Specify	Yes

Table 25: Annexure C- DPR Scrutiny Report for BLC

Section 4 – Description of Proposed Project and Planning

4.1 Provision of Housing

The Supply Demand Gap and Requirements

<u>Particulars</u>	<u>Requirements</u>
--------------------	---------------------

Housing: Dwelling Unit provision for Households with standard provisions:

- 1 Multipurpose Room
- 1 Bed Room
- 1 Kitchen
- 1 Toilet
- 1 W.C

Physical Infrastructure Requirement:

Standard Infrastructure Provision for

- Water Supply
- Drainage
- Roads
- Electricity

Project Development Option

In-situ redevelopment and whole of the project will be addressed in the project

Proposed Development

Based on preliminary understanding, the following components are being proposed

- Housing Units [Single storied in situ].
- Standard Physical Infrastructure to be provided in the form of Circulation of Water Supply Drainage, Roads and Electricity

Innovations proposed in Project Planning

Background

Housing activities are known to have the capacity to play a significant role in social-economic development, because they help not only in creation of shelter for the people by also in

generating employment opportunities for a large variety skilled and unskilled work force which is a prerequisite for growth and development of settlement. A considerable section of the people without land are in a still worse position as housing schemes for the poor have hitherto been targeted on paper but not applied in practice. Both the serviced land and shelter have become beyond the reach for half of the population-hence formation of slums, encroachments, informal colonies and unauthorized constructions. No land is earmarked for Economically Weaker Sections and Low Income Groups in Master Plan. The population density norms are required to re-look to enable better utilization of valuable land, as certain areas in the city. This growing slum population and the lack of basic facilities like water and sanitation will badly impact on overall development and prosperity of urban centers like Municipality.

To overcome the existing situation and to promote planned development the following innovative strategies can be adopted for the improvement of the city.

- To ensure that housing, along with the supporting services is treated as a priority and at par with the infrastructure sector.
- Forging strong partnerships between private, public, and cooperative sectors to enhance the capacity of the construction industry.
- Organizing public consultations to meet the special needs of slum dwellers.
- Promotion of livelihood for the slum dwellers.

Financial Implementation:

Beneficiary led Participation:

implies development of housing by involvement of Beneficiary

Tasks:

- Composition of beneficiaries and organizing the area meetings.
- Involvement of community and sustainable livelihood framework (SLF) in decision making and prioritization of needs of the slum.
- Understating of Social-economic profile

Post Project Monitoring

A Monitoring & Evaluation team has to be formed to know the post project impact on the slums and to document the best practices.

Physical Infrastructure

Background

The National Sample Survey Organization (NSSO) in the Ministry of Statistics and Programme Implementation, Government of India has released the report of a nation-wide survey carried out by it during July 2008 to June 2009 (65th round) on the condition of urban slums.

The aim of the survey was to collect information on the present condition of the slums and on recent changes, if any, in the condition of facilities available therein. Both 'notified slums' – areas notified as slums by the municipalities, corporations, local bodies or development authorities – and non-notified slums were surveyed – a non-notified slum being any compact urban area with a collection of poorly built tenements, mostly of temporary nature, crowded together usually with inadequate sanitary and drinking water facilities in unhygienic conditions. The present report gives the condition of urban slums, covering ownership, area type, structure, road within and approaching the slum, living facilities like electricity, drinking water, latrine, sewerage, drainage, garbage disposal, and distance of slums from the nearest primary school and government hospital/health centre. It also estimates the proportion of slums where certain specific facilities have improved/ deteriorated over the five years preceding the date of survey.

Comprehensive data on this subject was last collected by NSSO in its 58th round (July - December

2002). The present report provides key indicators from the 58th round as well, for

comparison. Some important findings of the survey are given below.

- About 49 thousand slums were estimated to be in existence in urban India in 2008-09, 24% of them were located along *nallahs* and drains and 12% along railway lines.
- About 57% of slums were built on public land, owned mostly by local bodies, state government, etc.
- In 64% of notified slums, a majority of the dwellings were pucca, the corresponding percentage for the non-notified ones being 50%.
- For 95% slums, the major source of drinking water was either tap or tube wells.
- Only 1% notified and 7% non-notified slums did not have electricity connection.
- About 78% of notified slums and 57% of the non-notified slums had a pucca road inside the slum.
- About 73% notified and 58% non-notified slums had a motorable approach road.
- About 48% of the slums were usually affected by water logging during monsoon – 32% with inside of slum waterlogged as well as approach road to the slum, 7% where the slum

was waterlogged but not the approach road, and 9% where only the approach road was waterlogged in the monsoon.

- The sanitary conditions in the slums in terms of latrine facility during 2008-09 showed considerable improvement since 2002. Latrines with septic tanks (or similar facility) were available in 68% notified and 47% non-notified slums (up from 66% and 35% respectively in 2002). At the other extreme, 10% notified and 20% non-notified slums (down from 17% and 51% in 2002) did not have any latrine facility at all.
- About 10% notified and 23% non-notified slums did not have any drainage facility. The corresponding proportions in 2002 had been 15% for notified and 44% for non-notified slums. Underground drainage systems or drainage systems constructed of pucca materials existed in about 39% notified slums (25% in 2002) and 24% non-notified slums (13% in 2002).
- Underground sewerage existed in about 33% notified slums (30% in 2002) and 19% non-notified slums (15% in 2002).
- Government agencies were collecting garbage from 75% notified and 55% non-notified slums.

Among these slums, garbage was collected at least once in 7 days in 93% notified and 92% non-notified slums. About 10% notified and 23% non-notified slums did not have any regular mechanism for garbage disposal.

- Over the last five years, facilities had improved in about 50% of notified slums in terms of roads (both within-slum road and approach road) and water supply. The incidence of deterioration of any of the existing facilities in notified slums during the last five years was quite low (about 6% or below).
- In case of most slum facilities – sewerage and medical facilities being exceptions – the facility was reported to have improved during the last five years in more than 20% of non-notified slums. Deterioration of any of the existing facilities in non-notified slums, like notified slums, was rare (about 9% or below).
- Facilities such as street light, latrine, drainage, sewerage and medical facilities were each reported by more than 10% of notified slums to be non-existent both at the time of survey and five years earlier. In case of non-notified slums, facilities like street light, latrine, drainage, sewerage and garbage disposal were each reported by more than 20% of the slums to be non-existent, both during the survey and five years earlier. Where improvement had been brought about during the last 5 years, it was due to the

Government's efforts in about 80-90% of slums, both notified as well as non-notified and for all the facilities. Improvement in educational facilities at primary level was attributed to NGOs in 13% of the notified slums where such improvement was reported. NGOs were also found to have played a role in the improvement of latrine and sewerage

system in non- notified slums.

Topographical survey and GIS mapping

The preparation of base map of Wood Industries slum has been prepared with Global Positioning Stations (GPS) and temporary Benchmarks (TBM) for Georeferencing and accurately locating the slum. These points have been selected and located at well defined locations on the ground after discussion with the ULB officials. The existing topographical features have been represented to the actual terrestrial position.

Based on the Total Station survey and Socio-economic survey GIS based thematic maps were generated. This helped in accurate representation of the ground scenario with that of the socio-economic conditions of the people. The following GIS maps were generated for inclusive planning:

- Map showing existing Land use Map
- Map showing Household Size
- Map showing House Type/Structure, Flooring, Cooking
- Map showing Minority Status
- Map showing existing toilet facility
- Map showing existing road type in front of house
- Map showing existing source of drinking water
- Map showing existing source of house lighting

Water Supply

Proposal Rationale

Water and poverty are inextricably linked. Poor access to water and insufficient sanitation affect the health of the poor, their food security, and their prospects for making a living especially for vulnerable groups, such as children, the elderly, and women in general. Safe and adequate quantities of water and food security are recognized as preconditions for an acceptable development standard.

In almost whole of Asia and the Pacific region - home to nearly 900 million of the world's poorest people - one in three people does not have safe drinking water and one in two lacks adequate sanitation. Water is a critical resource for the poor and plays a key role in many aspects of their livelihoods.

Poor people depend on or are affected by water resources in four key ways:

- As direct inputs into production**

- For health, welfare, and food security**
- For ecosystems viability**
- For combating water-related hazards**

Keeping the above in mind, a water scheme for the urban poor needs to be drawn up which shall **Improved Access to Quality Water Services and also** build up institutions accessible to the poor that can efficiently manage water resources. These institutions need to be responsive to the poor and should have an adequate opportunity for the poor to raise their views.

The management of water resources must take place within the wider ecosystems context, and all actions should be based on an understanding of the flows of water resources within river basins and how they affect the poor.

In view of this, the water scheme needs to take into account the following broad objectives:

- To provide adequate Treated Water**
- To ensure access for the Urban poor**
- To develop institutional framework taking into account the requirements of the Urban Poor**

Outcome

Water is a basic requirement of life. Absence of adequate water is a major issue for health as well as comfort for the poor. With the implementation of the project, the slum dwellers will have access to safe drinking water, which will greatly help their personal health, and hygiene. Quality of life would improve significantly and the multiplier effect due to this investment would reap significant benefit to the economy of this region within a considerable short period of time.

Water supply includes sources of supply, features of collection and distribution system, water demand and availability, quality of surface and groundwater source, reuse and recycling of water including conservation of water at the household level. The endeavour for all the proposals is to optimize the total cost of the system.

Assessment of Overall State of Infrastructure

In line with the City Development Plan for Kolkata Metropolitan Area (Pg 11-28), it has been resolved that the entire KMA are will be switched over to surface water.

The following norms have been fixed for the region:

- Kolkata Municipal Corporation Area 200 lpcd**
- Howrah Municipal Corporation Area 150 lpcd**

Municipal & Non-Municipal Area 135 lpcd

Previously the area was largely dependent on ground water. The status of ground water availability is as follows:

Keeping in mind the reduced rate of aquifer, traces of Arsenic Contamination and presence of Iron on the water, it has been decided to switch over to surface water from River Damodar.

Accordingly, the plant design is adequate to cater to the future requirement of the entire region and no augmentation of supply is required for the present project

Situation Appraisal & Key Intervention for Identified Slum

Presently accessibility to water supply facilities in the slum pocket is inadequate. The major source of water is from the common tap water available in the slums. The slum is partially connected to the municipal water supply main.

It is now proposed that water pipeline shall be provided in each household with requisite number of taps, as computed during the survey as felt needs shall be provided under this Project. However, considering that the houses are being provided with water, the provisions of multiple taps have not been encouraged and kept to the minimal level.

Design of distribution system was carried out on the following basis:

- Population projection
- Project horizon years
- Design period for various project components
- Per capita water supply
- Factors affecting consumption
- Existing water supplies
- Pipeline pressure requirement
- Supply of water on 24 x 7 basis
- Economical size of conveying main
- Choice of pipe materials
- Peak factor
- Residual pressure
- Hydraulic zoning

Design Period for various Project Components

Water supply projects are designed normally to meet the requirements over a period of 30 years after their completion. The time lag between design and completion of the project should also be taken into account which should not exceed two to five years depending on the size of the project. CPHEEO guidelines have been followed has suggested the design period for various water supply components.

Service Plan

The pipelines needs to be regularly and kept in full working conditions. It is proposed that operation and maintenance of these pipelines and other assets be done in conjunction with the maintenance programme of the Municipal Corporation. The Bustee Working Committee shall be the first level of responsibility for ensuring that the pipelines etc are kept in good order. The overall operation and maintenance shall be carried out by the project cell of the Municipal Corporation.

Proposed Interventions

According to the above, the water supply design requirement for Municipality has been fixed at 135 lpcd

(Domestic Requirement) + 15% (head loss) + $100 \cdot (p^{0.5}) = 163.25$ lpcd (approx).

There is existing water supply scheme which has the capacity for meeting the requirement. Thus there is no additional requirement of any reservoir. There are street stand posts for the slum proposed. But to achieve house connection at slum 100 mm dia. DI pipes are proposed.

The details of water supply lines provide are as follow:

Transmission of Water

Memari Municipality has water supply through ESR having (24x7) water supply. For the proposed multi-storied buildings sump and pump with OHR is provided for each building. The water supply network for this slum will be connected to the citywide water supply network.

Water supply system broadly involves transmission of water from the water supply main to the area of consumption normally through pipelines. Pipelines normally follow the profile of the ground surface quite closely, normally at 1 metre below ground.

Following design criteria are adopted for this Project:

- Gravity pipelines have to be laid below the hydraulic gradient.
- Pipes are of Ductile Iron, Mild steel, GRP, HDPE, uPVC, Plastic etc.
- The design of water supply conduits is dependent on pipe friction, available head, velocity allowable, etc.
- Minimum sizes of 100mm for towns having population up to 50,000 and 150mm for

those above 50,000 are recommended.

- There are a number of formulae available for use in calculating the velocity of flow. However,
- Hazen William's formula for pressure conduits and Manning's formula for free flow conduits are popularly used.

Drainage and Solid waste management

Proposal Rationale

The status of adequate Drainage has a close and direct link with environment, water supply and its cleanliness, health and hygiene. The problem of adequate drainage associated with steep influx of population in urban areas, therefore needs to be addressed forth with, debated and deliberated at length, by the policy planners for the development of urban/city areas. Inadequate Drainage results in accumulation of stagnant water and is a major health hazard for the people living in the region.

In the slums there is no proper drainage system and hence stagnation of water is a common occurrence for the slums. In order to improve the situation, there is a need for constructing pucca drains, which will dispose of the stagnant water to the main drains.

Outcome

The proposed drainage system by means of construction of new drains and improvement of existing will help to provide relief to the slum dwellers by means of efficient and effective disposal of storm water through the outfall channels. The outcome of this scheme will by and large enhance the quality of civic life by way of promotion and safeguarding the public health and environmental pollution.

Assessment Overall State of Infrastructure

One of the priority area identified for Wood Industries slum has been absence of adequate drainage. Most of the drainage is kutchha and inadequate for covering the slums which had led to water logging which in turn affected the environment and health of the people on an overall basis.

As mentioned above poor drainage system and consequently chronic water logging are the major issues of concern. There is hardly any pucca drain. The state of drain also affects the condition of the road.

Though there are storm water drains on the main road around the slums, but there is no systematic connection with the internal areas of the slum, thereby leading to acute water logging within the slum. It is worth mentioning that apart from lack of drainage network in several slum pockets, major challenge lies with its maintenance. In numerous cases drains in slums gets choked due to improper

disposing of solid waste and other hazardous materials into the existing drains.

Situation gets beyond control particularly during monsoon season like July and August. Accumulated water causes to generate public health problems. Haphazard growth and settlement in the slum area has blocked the natural drainage courses, which in turn causes water logging and stagnation in different parts of the slum.

Proposed Interventions

It is thus proposed to have an integrated drainage programme covering the slum pocket. The programme shall envisage construction of pucca drain throughout the road length and installing a maintenance programme to ensure that the drains are kept free from clogging from plastics and other materials. Depending on the availability of space and requirement, a sections have been designed, Designs of which have been provided in the relevant sections.

Road Infrastructure

Proposal Rationale

A key component of the Proposal is a focused initiative to provide strong connectivity and provision of movement in the slums. This will enable the poor people to benefit from greater mobility and would increase their employment opportunities, open up trading and marketing of products, and important improve access to health, education, and other social services.

Roads in the slum are highly undeveloped and ill maintained. Poor roads are strong barrier to the development of the slums. Poor road condition and absence of road facility in several slums makes life difficult for all slum dwellers, especially, women and children. It also hampers prompt movement of sick; particularly those who require urgent medical attention. Lack of maintenance, coupled with poor drainage makes life even worse during monsoon season. Road are rarely re-built or re-paired periodically due to several reason. Provision of basic quality road is thus an important element of slum development. The existing road network system of the slum has become inadequate to cope up with the present and ever increasing needs. In order to bear the additional pressure due to enhanced civic, economic and commercial activities of the slum, existing road network system in several places are required either to be up-graded or winded and new roads are also be constructed in a number of places where the network is inadequate.

Proposed status and strategy

The existing condition of the road is poor and cause great hardship to the slum dwellers particularly

women and children. The existing roads in the slum areas are predominantly made of brick pavement. These roads are substantially worn out. The lane roads are Kutchra roads. These roads are highly vulnerable and are in a poor condition particularly in rainy season

One of the major issues is absence of proper maintenance. In view of this it is proposed that the entire road network is to be converted to concrete pavement as concrete pavements are durable and easy to maintain.

The Road needs to be maintained. It is proposed that operation and maintenance and servicing of these roads be done by the Municipality. The Bustee Working Committee shall be the first level of responsibility for ensuring that the pipelines etc. are kept in good order. The project cell of the Municipal Corporation shall carry out the overall operation and maintenance.

Proposed Intervention

All the proposed roads are rigid pavement-cement concrete roads. Rigid pavements are those which possess noteworthy flexural strength. The concrete pavement slab can very well serve as a wearing surface as well as effective base course. Therefore usually rigid pavement structure consists of a cement concrete slab, below which a granular base or sub base course may be provided. Rigid pavements are generally designed and the stresses are analyzed using elastic theory, assuming pavement as an elastic plate resting over elastic or a viscous foundation.

Construction of granular sub-base (GSB) 200 mm thick. Construction of 150 mm thick cement concrete pavement, as per Clause 1501.2.2 M30 (Grade), as per drawing and Technical Specification Clause 1501.

Outcome

After successful implementation of the scheme the slum dwellers will have facilities like pre-school education, adult education, non-formal education and social, recreational activities in the slum area. The community centres would provide the people to gather in, to meet and discuss their problems. It is not just a physical location but a space; where poor people could own, develop their thoughts and also could contribute their own skill and labour to make their dream come true. It will also provide the Municipal Corporation in networking with the urban poor communities in order to exchange information and views.

Proposed Intervention

In view of the above, it is proposed that a Community Centre is established to cater the slum population. For community development a community centre is proposed. The one storied community centre has total plinth area of 223.4 sq m.

There will be Multipurpose hall which may be used as skill development centres or livelihood centre, health centres and Crèche are provided.

The Community Centres act mainly as a supporting unit for livelihood and for revenue generation for O&M.

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 kutchha (10) and semi-pucca (186) housing. In certain cases where pucca housing is available, they are usually in dilapidated condition. The kutchha 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 dwellers in the pocket. In situ single dwelling units are proposed.

Table-26: Dwelling units

Building type	Number of DU
In situ single Unit	975 within 40 slums & 4 non slum areas

Building Plan

The buildings are proposed to cover an area of approximate 32.18 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.

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)
- 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)

Identification of Beneficiaries

Municipality Municipal Corporation, in consultation with State Urban Development Agency (SUDA), will approve the phasing of the beneficiaries in the region. The beneficiaries so identified and the projects so prepared shall be done in consultation with the committees and community development societies already existing in that particular city. The identification of beneficiaries will be on the basis of the baseline survey already conducted under PMAY Demand Survey.

Allotment of Houses

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

Town Planning Norms

Up-gradation of existing constructions and construction of new houses shall only be taken after approval of the lay out by the urban local body. Respective State Govts. may relax some town planning norms for sanction of such layout Plans, to facilitate HOUSING SCHEME, however, minimum acceptable standards of Town Planning will need to be set and followed.

All planning are done as per UDPFI & CPHEEO guidelines and local Municipal Bye-laws.

Compliance with Municipal Bye laws

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

Tenure

Unlike rural areas, land is scarce in urban areas particularly in large metropolises. Under HOUSING SCHEME, the responsibility for providing land for the project rests with the State Government or its agencies.

Summary of Investment**Project Costing**

The costing for the individual sectors has been made on the basis of applicable Schedule of Rates. The details of each of the sub-projects have been provided in the respective sections.

The cost components include:

Infrastructure: Cost of infrastructure development/up-gradation including water supply, sewerage, storm water drainage, solid waste management, roads & drainage, street lights, etc.

Housing: Construction Costs would need to be arrived from the various components that are proposed to be implemented and would vary depending on the development option identified.

GOI Contribution:

PMAY scheme guidelines stipulate that, 1.5 lakhs of the unit cost of Dwelling unit.

The Central share would be available as per milestones set out in Memorandum of Agreement (MoA).

Beneficiary Contribution:

In order to ensure beneficiaries interest, financial contribution by the beneficiaries is critical..

The share of beneficiary contribution in housing is proposed to be a minimum of 25000/-. As per PMAY guidelines no contribution from the beneficiaries is expected in infrastructure improvements

State Contribution:

Remaining share i.e. 1.93 lakhs per Dwelling Unit would have to be arranged by the State. State will also contribute 5% of total Dwelling cost for infrastructure.

ULB Contribution:

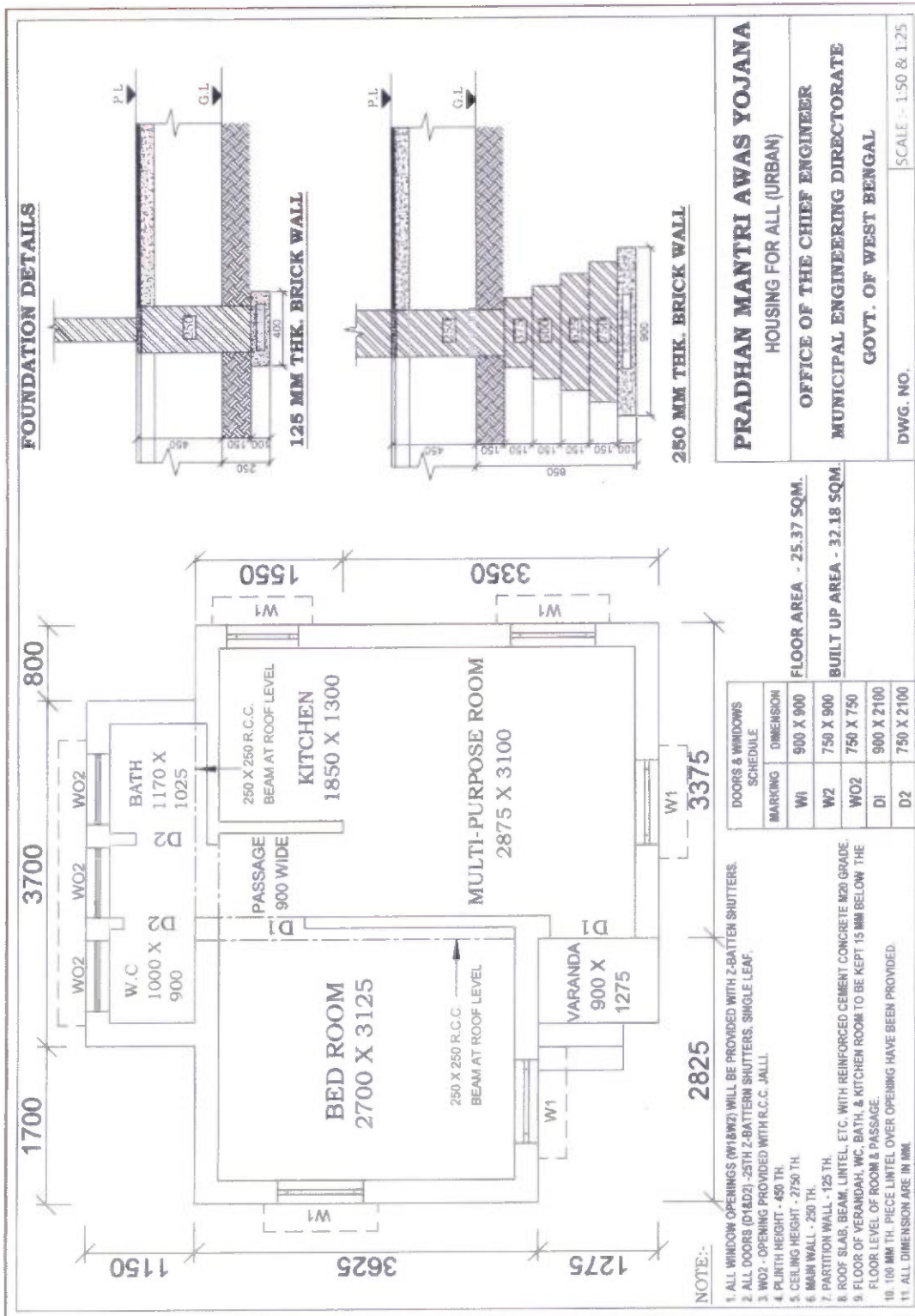
ULB have no contribution on dwelling unit cost. ULB will contribute 5% of total Dwelling cost for infrastructure.

In the 1st Meeting of SLSMC of West Bengal it has been decided that the flowing funding pattern should be adopted for implementation of PMAY until further revision.

Table-27: Share of Fund

Type of City/Towns as per 2011 census	Component	Contribution of			
		Central Rs.(Lakhs)	State Rs.(Lakhs)	ULB Rs.(Lakhs)	Beneficiaries Rs.(Lakhs)
Total cost of Beneficiary LED Construction	Housing	1.5	1.93	Nil	0.25
	Infrastructure	Nil	5 %	5 %	Nil

Figure- 3: Drawing of Dwelling Unit



14/10/18

Sub Assistant Engineer,
Chandrakona Municipality

Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

4.2. Disaster Management and Mitigation

Though Chandrakona Town is not a disaster prone area but the people of the town suffer from frequent cyclonic effect and severe water logging which creates flood during summer and rainy season. Water logging occurs due to poor drainage system throughout the Municipality and bad condition (fill up by silt and nuisance) of Marakhali Khal, which is the main outlet of the town. To escape from this worse conditions it requires pucca drainage work throughout the town and de-silting the Marakhali Khal and also to provide an embankment along the said natural khal.

The structural design of the building is made by the MED, Govt. of West Bengal considering the norms of disaster management.

4.3. Statutory approval including environmental clearance (as applicable)

Statutory approval including environmental clearance

IMPACT & REMEDIES		
1.	Utilization of alternative material Characteristics and availability of alternative material	Locally available bricks etc. will be used.
2.	Rehabilitation of water bodies & measures for maintaining surface runoff smoothly	No water body is affected by the alignment of road. The road side open C. C. / Brick masonry drains have been provided for free flow of storm water.
3.	Measures for Erosion Control	Not applicable for the slum area.
4.	Conservation of Topsoil a. Extent of loss of topsoil b. Area requirement for topsoil conservation c. Inclusion of conservation of topsoil d.	Not applicable for the slum area.
5.	Impact on Heritage & Culture a. Identification of locally significant cultural properties b. Assessment of likely impacts on each cultural property due to project implementation c. Possible measures for avoidance i) Identification of alternative routes ii) Relocation of Culture property in consultation with the local community iii) Common Property	Question does not arise.
6.	Location of Natural Habitants	It will not be disturbed
7.	Construction of site office / Camp	Temporary construction of camp / office shall be established by contractor and since the project is small

		and scattered, the temporary impact on environment for Construction Camp / office at the time of execution of work is negligible.
8.	Quarrying of Materials	
	a. Sourcing of materials from quarries b. Lead from various existing quarries c. Adequacy of material for the project in these quarries	The construction materials require for the project shall be procured from : a) Stone metal : from the existing. b) Bricks : From the existing brick fields nearby the project site. c) Sand : From the nearest source. All the materials are sufficiently available.
9.	Water Requirement; Identification of potential sources of water	Water required for the construction of work will be available from ground water. There is no scarcity of water in the region.
10.	Location of Waste Water Disposal :	
	a. Location for disposal of waste water	The surface drain have been proposed in the slum for disposal of waste water.
	b. Outfalls locations for longitudinal drains	
	i) Outfall level and back flow	Natural slope of the ground will be maintained for waterways for discharge of surface runoff. No possibility of back flow except in the case of heavy flood. The storm water drain of the slums will discharge the water to the main high drain of the town.
	ii) The outfall is in natural stream; measures shall be taken to prevent sediment into the stream.	
11.	Air Pollution during construction work	Work shall be carried out by equipments like concrete mixer machine vibrator etc. at this time of concerting work only for which air pollution will be negligible.
12.	Identify locations susceptible to induced development	Locations vulnerable to induced development: In such location the Municipality has committed not to allow building construction activity. a. Lands within 50 m of junctions b. Agricultural lands with enforce restriction on building activity on either side of road. Stretches within 100m of worship places, weekly fairs and locations of community mass gatherings.
13.	Roles and responsibilities of municipality in regulating development	The municipality shall lay down restrictions on building activities along the by-pass roads : 1. Municipality will enforce restriction on building activity on either side of road. 2. Development of Residential sites outside Existing Settlement. Appropriate measure towards the removal of encroachments onto the public land to be taken.
14.	Traffic Congestion and related air & noise pollution	As the road passes through the slum area of the town and two wheelers, Three wheelers, light vehicle will move hence there will not be any traffic congestion, related air & noise pollution.
15.	Opportunity in economic activities due to ease of transportation system	The benefits due to this project are : 1. Generation of Man days 2. Improvement in Household or population sector i.e. Improvement of personal health, hygiene, socio-economic condition, education etc.

Section 5 – Project Cost Estimate

5.1. Abstract cost estimates

5.1.1 Component wise abstract for each slum/Non slums area

Component wise abstract for each slum/Non slums area

Sl. No.	Ward No.	Name of Slum	Slum Code	No. of Kutchha & Semi-Pucca House	Dwelling Unit		Infrastructure		Total Cost
					Proposed No.	Cost Involved	Proposed Drain (In Mtrs.)	Cost Involved @ Rs. 0.04097 lakh per Mtr.	
1	Ward No 1	Alampur & Alampur Canelpar	001	64	16	58.88	177.46	5.89	64.77
2		Bagswarpur, Samaspur, Nischindipur & Gossaiber	002	51	13	47.84	144.18	4.78	52.62
3		Ilambazar & Ilambazar Muslimpara	003	144	28	103.04	310.55	10.30	113.34
4		Golokdhampur Santrapara & Pathanber	004	45	7	25.76	77.64	2.58	28.34
5		Gobindapur & Gobindapur Palpara	005	95	22	80.96	244.00	8.10	89.06
6	Ward No 2	Mitrasenpur Dompara	006	47	2	7.36	22.18	0.74	8.10
7		Naraharipur Majhipara	007	59	6	22.08	66.55	2.21	24.29
8		Nayagunja Majhipara & Bagtipara	008	60	8	29.44	88.73	2.94	32.38
9	Ward No 3	Raghunathpur Majipara, Chalakpara, Jamaipara, Adakpara & Purusottampur Ruidaspara	009	127	24	88.32	266.18	8.83	97.15
10		Madhabpur Bauripara, Kumorpara & Jelepura	010	136	30	110.40	332.73	11.04	121.44
11		Madhabpur Muslimpara & Bhangipara	011	93	27	99.36	299.46	9.94	109.30
12	Ward No 4	Kasaimahalla & Gajipur Daspara	012	120	35	128.80	388.19	12.88	141.68
13		Khirkibazar Daspara & Shyamsundarpur	013	133	30	110.40	332.73	11.04	121.44

14	Ward No 5	Begunbari & Jaharapukur Ruidaspalli	014	107	13	47.84	144.18	4.78	52.62
15		Satibazar Daspara	015	86	11	40.48	122.00	4.05	44.53
16		Gonsaibazar Ruidaspalli	016	31	4	14.72	44.36	1.47	16.19
17	Ward No 6	Chasimahal, Canelpar, 24 Chhia & Lalbazar	017	99	29	106.72	321.64	10.67	117.39
18		Majher Banshdaha	018	60	28	103.04	310.55	10.30	113.34
19		Chasimahal Ruidaspara & Dompapa	019	47	11	40.48	122.00	4.05	44.53
20		Nilapat	020	61	22	80.96	244.00	8.10	89.06
21	Ward No 7	Bona Paschimpara, Majherpara & Sadgoppa	021	188	38	139.84	421.46	13.98	153.82
22		Gopalpur Santrapara & Daspara	022	104	16	58.88	177.46	5.89	64.77
23		Natunhat Ghoruipara, Ruidaspara & Majipara	023	125	27	99.36	299.46	9.94	109.30
24	Ward No 8	Joyantipur Baganpara, Adibasipara, Bagtipara & Dangapara	024	122	17	62.56	188.55	6.26	68.82
25		Joyantipur Santrapara & Roypara	025	147	30	110.40	332.73	11.04	121.44
26		Khejurdanga Kotalpara	026	90	26	95.68	288.37	9.57	105.25
27		Dalmadal Majipara & Adibasipara	027	58	17	62.56	188.55	6.26	68.82
28		Joyantipur Tantipara	028	61	15	55.20	166.37	5.52	60.72
29	Ward No 9	Ramgunja Majhipara, Bhuniapara, Kotalpara, Kamargunja Muslimpara, Hanripapa & Bastipara	029	186	35	128.80	388.19	12.88	141.68
30		Manpur Adibasipara, Hatipara & Rashikanandapur	030	108	22	80.96	244.00	8.10	89.06
31		Dalmadal Majipara	031	84	13	47.84	144.18	4.78	52.62
32	Ward No 10	Jagina Dompapa & Shyamnagar Roypara	032	40	12	44.16	133.09	4.42	48.58
33		Ramrangi Bauripara, Madhabpur Bauripara & Ajodhya Schoolpara	033	188	39	143.52	432.55	14.35	157.87
34	Ward No 11	Dakshinbazar Doluipara, Daspara & Chowrapara	034	213	56	206.08	621.10	20.61	226.69
35		Gopsai Namapara, Berapara &	035	110	32	117.76	354.91	11.78	129.54

		Presspara							
36		Lalsagar Uttarpara-Dakshinpara	036	128	34	125.12	377.09	12.51	137.63
37		Paraima Majipar, Bhatpukur Muslimpara & Adibasipara	037	99	20	73.60	221.82	7.36	80.96
38	Ward No 12	Malleswarpur Majipara & Adibasipara	038	54	6	22.08	66.55	2.21	24.29
39		Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara	039	101	20	73.60	221.82	7.36	80.96
40		Baburber	040	22	9	33.12	99.82	3.31	36.43
41		Non-Slum area in Ward No. 2	Non-Slum Area		133	10	36.80	110.91	3.68
42	Non-Slum area in Ward No. 3			127	35	128.80	388.19	12.88	141.68
43	Non-Slum area in Ward No. 5			157	40	147.20	443.64	14.72	161.92
44	Non-Slum area in Ward No. 6			191	40	147.20	443.64	14.72	161.92
		Total		4501	975	3588.00	10813.74	358.80	3946.80

Table 28: Component wise abstract for each slum/Non slums area

Aek
15/10/18
Sub Assistant Engineer,
Chandrakona Municipality

MR.
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

5.2. Detailed Estimates

5.2.1. Detailed Estimate of Provision of Housing

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 .	13.000	%cu.m.	12047.00	1566.11
	SOR, PWD, P-1, I -2 a				
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.	11.120	%cu.m.	7831.00	870.81
	SOR, PWD, P-1, T/3 a				
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	6.810	sqm,	297.00	2022.57

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.)
	carriage of all materials complete.				
	SOR, PWD, P-45, T-12				
6	Brick work with 1st class bricks in cement mortar (6:1)				
	a) In foundation and plinth.	10.430	cum	5719.00	59649.17
	b) In super structure	15.240	cum	5943.00	90571.32
	SOR, PWD, P-29, T -22(a), (b)				
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor	23.220	sq.m.	783.00	18181.26
	SOR, PWD, P-73, I -29				
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)				
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.	0.309	MT	60705.93	18775.74
	(i) Tor steel/Mild steel.				
	SOR, PWD, P-27, T -15(i)				

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.)
10	Hire and labour charges for shuttering with centring and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor). (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.) SOR, PWD, P-66, T -12(a)				
	25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M ²	360.00	13342.68
11	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary . In ground floor. A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster SOR, PWD, P-151, T -2 (i)(b)	116.940	sq.m.	181.00	21166.14
	b) Out side Wall, 15mm th. SOR, PWD, P-151, I -2 (i)(c)	111.950	sq.m.	156.00	17464.20
	B)10mm th ceiling plaster (4:1) SOR, PWD, P-151, I -2 (i)(c)	23.330	sq.m.	140.00	3266.20
12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. SOR, PWD, P-152, I -8	26.700	sq.m.	38.00	1014.60

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)**Reference 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.)
13	Artificial stone in floor,dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick SOR, PWD, P-40, I -3 (i)	26.490	sq.m.	265.00	7019.85
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1) fitted and fixed complete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) SOR, PWD, P-90, I -18 (c)	34	each	22.00	748.00
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood SOR, PWD, P-85, T -1(i)	0.213	cu.m.	46171.00	9834.42
16	Panel Shutter of door & Window (each Panel Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panel of size 30 to 45 cm. Other Local wood SOR, PWD, P-105, I -84 (iv)c	8.520	sq.m.	1567.00	13350.84

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)**Reference 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.)
17	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a)75mm x 47mm x 1.70mm SOR, PWD, P-91, T -20(iv)	32.000	each	34.00	1088.00
18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia SOR, PWD P-93, I-25,c	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats SOR, PWD, P-155, I -3 (b)	124.960	%sq.m.	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothing surface thoroughly external surface One Coat SOR, PWD, P-155, I - 4(ii)(a)	100.560	%sq.m.	1514.00	1522.48
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand papering etc.				
	1) On timber surface SOR, PWD, P - 162, I - 7(a)	21.690	sq.m.	41.00	889.29
	2) On Steel Surface SOR, PWD, P - 162, I - 7(b)	2.700	sq.m.	31.00	83.70
22	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : With super gloss (hi-gloss)-With any shade except white.				
	a) On timber or plastered surface Two Coats	21.690	sq.m.	89.00	1930.41
	b) On Steel surface Two Coats SOR, PWD, P - 162, - 8A(aii),(bii)	2.700	sq.m.	86.00	232.20

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)**Reference 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.)
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia with center bolt and round fitting. 300 mm long SOR, PWD, P-93, I - 27c	2.000	each	193.00	386.00
24	Precast 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 to 16 kg/m ² SOR, PWD, P - 76, I - 10 (i) (2.70sqm @ 10.5kg per sqm = 28.35 kg)	0.284	Qntl	8247.00	2342.15

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)**Reference 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.)
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
	Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement mortar (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 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 reinforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder	1	Item	7544.00	7544.00

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)
 Reference 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.)
	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)				
	TOTAL AMOUNT		Rs.		350000.36
	Say		Rs.		350000.00
	Add for Electrical Works (ANNEXURE-I)		Rs.		17858.00
	TOTAL AMOUNT		Rs.		367858.00
	Say		Rs.		368000.00
(Rupees Three lakh Sixty eight thousand only)					


Sub Assistant Engineer
 Chandrakona Municipality

Chairman.
 Chandrakona Municipality
 Panna Paschim Medinipur

ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY

ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY					
(ANNEXURE-I)					
SL.N o.	Item of works	Unit	Rate	Quantity	Amount
1	Supplying & fitting polythene pipe complete with fittings as necessary. Under ceiling /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 pre-laid 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 insulated and unseathed cop per (Finolex make) wire used as ECC in 19 mm bore 3 mm thk. polythene pipe complete with all accessories 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 matching 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 & unseathed single core sstranded 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 insulated & unseathed cu wire (finolex) used as ECC in 19 mm bore, 3 mm thick polythene pipe complete	points	76.00	2.00	152.00

	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				
5	Supplying & drawing 1.1 KV grade single core stranded FR PVC insulated & unseathed single core stranded cu Wire 3x2.5 sq mm (finolex make) in the prelaid polythene pipe & by the prelaid GI fishwire & making necessary connection as required (CESC supply to consumer DP near to CESC & inside the room another DP near CESC & inside the room another DP of dwelling units)	RM	86.00	15.00	1290.00
Sl.No.	Item of works	Unit	Rate	Quantity	Amount
6	Supplying Delivery & instalation on wall of 30/32 amp DP MCB of 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 partly under the ground level & partly above GL driven to an average depth of 3.65 m below the GL & restoring surface duly rammed.	each	1715.00	1	1715.00
8	Connecting the equipment to earth BUSbar inclusive S&F 10 SWG (Hot Dip) GI wire on wall /floor with a staples buried inside wall /floor as required & making connection to equipments with bolt, nut, washer, cable lugs etc. as required & mending good damages.	M	6.00	5	30.00
			TOTAL		17858.00
	Rupees Thirteen Thousand Eight Hundred Seventy Eight Only				17858.00


Sub Assistant Engineer,
Chandrakona Municipality

Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

Cost Estimate for 2 Nos Leach Pit for single unit Dwelling Unit

Cost Estimate for 2 Nos Leach Pit for single unit Dwelling Unit P.W.D Schedule of Rates effect from 1st July 2014					
(ANNEXURE-II)					
Sl No	Description of Items	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom boiling out water as required complete. Depth of excavation not existing 1500mm P.No-1, I-2(a)	2.500	%Cu.M	12047.00	301.18
2	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. In ground floor and foundation (a) 6:3:1 proportion.	0.050	Cu.M	5803.06	290.15
3	Brick work with 1st class bricks in cement mortar (6 : 1). a) In foundation & Plinth P.no-29, I-21(a)	0.010	Cu.M	5719.00	57.19
4	125 mm. thick brick work with 1st class bricks in cement mortar (4 : 1) G.Floor 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 mix design after testing of concrete cubes as per direction of Engineer-in charge Consumption of cement will not be less than 300 Kg of cement -with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on- the basis of preliminary test and job mix formula. -In 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	M.T	68508.00	685.08
7	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete.				
	i) UPVC Pipe 110 mm dia P.no-173, I-21(A)(ii)	4.000	Mtr	291.00	1,164.00
	ii) UPVC Bend 87.5 degree 110 mm dia P.no-174, I-21(B)C(ii)	2.000	Each	162.00	324.00
8	Jaffri brick work 125 mm. thick with 1st class bricks in cement mortar (4:1) including 12 mm. thick cement plaster (4:1) in all faces in ground floor .P.no-32, I-35	2.000	SqM	792.00	1,584.00
Cost of 2 no leach pit					7,543.97
Total=					7,544.00

Table-36: Detailed Estimate for Single Dwelling unit

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
	C/L of main outer wall			125 mm Partitionwall		Varandah C/L	
		4.65		3.375			1.275
		0.8		1.15			0.9
		1.15		1.15	2.3		2.175
		3.45		2.187			
		1.15		1.9			
		1.7		1.387	5.474		
		3.375		11.149			
		1.275					
		2.825					
		3.125					
		23.5					
	X wall	1.25					

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
	C/L of main outer wall				125 mm Partitionwall		Varandah C/L
Sl.no.							
1	Earth work in excavation						
	250 mm wall						
	1	23.5	0.75	0.7	12.34		
		0.875	0.75	0.7	0.46		
		24.375			12.8	m3	
	125 mm Wall						
		2.625	0.4	0.225	0.24		
	WC	0.4	0.4	0.225	0.04		
	Bath	0.65	0.4	0.225	0.06		
	5.474	0.75		0.225			
		4.724	0.4	0.225	0.43		
	Varanda	1.425	0.4	0.225	0.13		
					0.88		
	Step	0.5	0.9	0.075	0.034		
					13.715	m3	
2	Soling						
		24.375	0.75		18.281		
		11.45	0.4		4.58		
					22.861		
3	Polythene sheet						
		2.575	3.125		8.047		
		2.875	2.625		7.547		
		2	1.65		3.3		
	passage	0.625	2.375		1.484		
	Bath&WC	2.7	0.9		2.43		
	Varndah	1.025	0.6		0.615		
	step	0.9	0.5		0.45		
					23.873		
4	Jhama concrete						
			18.28	0.075	1.371		
			4.58	0.075	0.344		
			23.93	0.075	1.795		
					3.51		
5	Earth work in filling 1/5 excavation						
			13.715	5	2.743		
			23.48	0.375	8.805		
					11.548	m3	

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
	C/L of main outer wall			125 mm Partitionwall		Varandah C/L	
6	B.W (6:1) in Foundation of plinth						
	23.5	0.625	14.6875				
	23.5	0.5	11.75				
	23.5	0.375	8.8125				
			35.25	0.15	5.288		
	23.5	0.25		0.525	3.084		
	X wall	0.938	0.625	0.586			
		1	0.5	0.5			
		1.063	0.375	0.399			
				1.485	0.15	0.223	
		1.125	0.25		0.525	0.148	
	125mm	3.125	0.25		0.525	0.41	
	Bath&WC	2	0.9	0.25	0.523	0.235	
	Kit	5.224	0.25		0.525	0.686	
	Vard	1.925	0.25		0.525	0.253	
	Steps	0.5	0.9		0.15	0.068	
		0.25	0.9		0.15	0.034	
						10.427	m3
7	DPC	23.5					
		1.125					
		24.625		0.25		6.156	
		3.125					
		1.8					
		5.224					
		10.149		0.125		1.269	
						7.425	
	Less	0.9		0.25	0.225		
		0.9		0.125	0.113		
	3	0.75		0.125	0.281		
						0.619	
						6.806	sqm
8	BW in super structure (6:1)						
		23.5					
		1.125					
		24.625	2.75	0.25	16.93		
	Parapet	23.8	0.075	0.25	0.446		
						17.376	

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm									
C/L of main outer wall				125 mm Partitionwall		Varandah C/L			
Less opens									
1	0.9	2.1	1.89						
4	0.9	0.9	3.24						
1	0.75	0.9	0.675						
3	0.75	0.75	1.688						
			7.493	0.25	1.873				
Lintel									
1	1.525	1.525							
4	1.2	4.8							
1	1.05	1.05							
		7.375	0.25	0.1	0.184				
Wo2									
1	3.05	3.05	0.25	0.1	0.076				
				(-)	2.134				
Net brick work						15.242	m3		
9	125 th. Brick work (6:1)								
	room		3.125	2.6	8.125				
	kit		2.125	2.75	5.844				
			1.65	2.75	4.5375				
			1.45	2.65	3.8425				
	2		0.9	2.1	3.78				
						26.12875			
Less opening									
1	0.9	0.9							
3	0.75	2.25							
		3.15	2.1	6.615					
Lintel									
1	1.3	1.3							
1	1.025	1.025							
		2.325	0.1	0.2325					
					6.8475				
						19.28125			
Parapet									
	23.5		0.15	3.525					
				22.806					
	passeege	0.75	0.55	0.4125					
				23.219	sqm				
10	Conc M-20								

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm								
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L
	Roof slab							
	32.15	1.1475	31.003		0.1	3.1		
	Beam		3.625	0.25	0.15	0.136		
			2.575	0.25	0.1	0.064		
	Lintel						3.301	
	D1	1	1.525	1.525				
	W1	4	1.2	4.8				
	W2	1	1.05	1.05				
	WO2	1	3.05	3.05				
				10.425	0.25	0.1	0.261	
	D1	1	1.39	1.39				
	D2	1	1.025	1.025				
	D2	2	1.4	2.8				
	O2	1	0.875	0.875				
	D2	2		6.09	0.125	0.1	0.076	
	Chaja							
	W1	4	1.2	4.8				
	W2	1	1.03	1.03				
	D1	1	1.275	1.275				
	W02	1	3.05	3.05				
				10.155	0.3	0.075	0.228	
							3.866	m3
11	Reinforcement							
		3.866	0.80%	1	7850	0.243	MT	
12	Shuttering							
	31	23.5	1.125					
			24.63	0.25				
	31			6.156	24.844			
	Side beam	2	3.125	0.15	0.9375			
		2	2.325	0.1	0.465			
	side slab	1	25.3	0.1	2.53			
	Lintel	1	0.9	0.25	0.225			
		1	1.525	0.1	0.153			
		1	1.275	0.35	0.446			
		1	0.3	0.05	0.015			
						29.615	sqm	
	4W1	4	0.9	0.25	0.9			

Detailed Estimate for Single Dwelling unit									
Floor area 25.36 sqm Built up area 32.18 sqm									
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L	
		4	1.2		0.1	0.48			
		4	1.2		0.35	1.68			
	2	4	0.3		0.05	0.12			
	1W2	1	0.75		0.25	0.188			
		1	1.05		0.1	0.105			
		1	1.05		0.35	0.368			
	2	1	0.3		0.05	0.03			
	WO2	3	0.75		0.25	0.563			
	1	1	3.05		0.1	0.305			
		1	3.05		0.35	1.068			
	2	1	0.3		0.05	0.03			
	Lintel 125 Wall								
	D1	1	0.9		0.125	0.113			
		2	1.3		0.1	0.26			
	D2	2	0.75		0.125	0.188			
	2	2	1.15		0.1	0.46			
	D2	2	0.75		0.125	0.188			
		2	1.9		0.1	0.38			
							7.423		
							37.038	sqm	
13	Plaster (6:1)								
	Out side 15 mmth.								
			2.85		1.125	0.45			
		25.3				4.425	111.953	sqm	
	Inside 20 mm th.								
	2	2.7	3.125		2.75	32.038			
	2	2.875	2.625		2.75	30.25			
	2	2	1.65		2.75	20.075			
	2	2.075			2.75	11.413			
	Above lintel								
	1	0.75			0.65	0.488			
	Bath								
	2	0.9			2.75	4.95			
	WC								
	1	2.95			2.75	8.113			
	1	2.25			2.75	6.188			
	4	2.2			0.9	7.92			
	T. 125 wall								
	2	0.9			0.125	0.225			

Detailed Estimate for Single Dwelling unit									
Floor area 25.36 sqm Built up area 32.18 sqm									
C/L of main outer wall				125 mm Partitionwall		Varandah C/L			
					121.658				
	Open out side less								
	3	0.75		2.1	4.725				
					(-)	4.725			
						116.933	sqm		
	Ceiling Plaster				24.47				
	Less				1.14				
						23.33	Sqm		
14	Neat cement punning								
	Out side	Plinth							
		25.3	0.45			11.385	Sqm	11.385	
	Inside		2.7	3.125					
		2		5.825	0.1	1.165	Sqm		
			2.875	2.625					
		2		5.5	0.1	1.1	Sqm		
	Kithen		2	1.65					
		2		3.65	0.45	3.285	Sqm		
		1		1.65	0.45	0.743	Sqm		
		2		2.075	0.1	0.415	Sqm		
	Varanda			1.775	0.1	0.178	Sqm		
	step WC	1		3	0.45	1.35	Sqm		
	Bath			3.5	2	7	Sqm		
				0.75	0.1	0.075	Sqm		
	In side punning						15.31	15.31	
	Total							26.695	Sqm
15	Art. Stone flooring								
	Floor area					25.37	sqm		
	Step	2	0.9	0.25		0.45			
	W1	4	0.9	0.1		0.36			
	W2	1	0.75	0.1		0.075			
	W3	3	0.75	0.1		0.225			
							26.48	Sqm	
16	Ms Clamp for door & window								
	D1+D2	4		6		24			
	W1+W2	5		2		10			
							34	nos.	
17	Wood work in Door & window frame								

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm									
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L	
	D1	2	5.1	10.2					
	D2	2	4.95	9.9					
	W1	4	3.6	14.4					
	W2	1	3.3	3.3					
				37.8	0.075	0.075	0.213	m3	
18	Z batten shutter								
	D1	2	0.775	2.025		3.139			
	D2	2	0.625	2.025		2.531			
	W1	4	0.775	0.775		2.403			
	W2	1	0.775	0.625		0.484			
							8.557	sqm	
19	Iron Butt Hinges								
	D1+D2					12			
	W1	4	4			16			
	W2	1	4			4			
							32	nos.	
20	Iron soket bolt								
	Door			6					
	Window			5					
							11	nos.	
21	White wash								
	Inside+Celling Plaster- inside punning								
			116.933	23.33	15.31		124.953	sqm	
22	Colour wash								
	Out side Plaster- out side punning								
			111.953	11.385			100.568	sqm	
23	Priming on timber sutrface								
	2	2	0.9	2.1		7.56			
	2	2	0.75	2.1		6.3			
	4	2	0.9	0.9		6.48			
	1	2	0.75	0.9		1.35			
							21.69	sqm	
24	Painting best quality on wooden surface								
	same sl.no. 23						21.69	sqm	

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
	C/L of main outer wall			125 mm Partitionwall			Varandah C/L
25	MS ornamental gril....10Kg-16 Kg						
	W1	4	0.75	0.75	2.25		
	W2	1	0.75	0.6	0.45		
					2.7		
					@12Kg/sqm	32.4	Kg
26	Priming on Steel sutrface					2.7	sqm
27	Painting best quality on steel surface					2.7	sqm
	same sl.no. 24						
28	R.C.C. Shelf						
		1.75	0.5			0.875	sqm
29	Roof treatment with cow dang						
				32.18			
	Deduct	1.14	(varanda)	1.14			
	Cornice	25	0.125	3.125			
				27.915		27.915	sqm

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5.2.2. Detailed Estimate of adoption of technology for Concrete Drain:

Detailed Estimate of adoption of technology for Concrete Drain

The Estimate for Construction of CC Drain under with in Chandrakona Municipal area under the PMAY Scheme.							
Rate based on PWD schedule 01.11.2017							
REF.	IT. NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	Rate	add 12% GST	Ammount
Pg-1/2/a	1	Earth work in excavation of foundation trenches or drains or septic tank soak well etc. in all sorts of soil (including mixed soil but excluding moorum and laterite or sand stone) including removing, spreading or stacking the spoils within a lead of 75 metre as directed, including trimming the bottom, side of trenches, levelling, dressing and ramming the bottom, bailing or pumping out water etc. as required complete. a) Depth of excavation not exceeding 1500mm (not requiring soring)	6.3	cum	119.27	133.582	841.57
Pg-1/3/a	2	earth work in filling in foundation or plinth with good earth in layers not exceeding 150 mm. as directed and consolidating same by through saturation with water ramming complete,	1.5	cum	77.54	86.8448	130.27
Pg-2/4/b	3	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm. as directed and consolidating same by through saturation with water ramming complete, including the cost of supply of sand. By fine sand	0.7875	cum	509.85	571.032	449.69
Pg-12/1	4	Single brick flat soling in foundation and floor with picked jhama brick laid over rammed and leveled surface and the joint to be filled with sand or powder of earth.	10.5	sqm	343	384.16	4033.68
Pg-Pg-34/22/1	5	Cement concrete with graded stone ballast (40 mm size) excluding shuttering in 6:3:1 proportion. a) In Ground Floor	0.7875	cum	5128	5743.36	4522.90
Pg-24/4	6	Ordinary M-15 (1:2:4) Cement concrete with graded stone chips (20 mm down) excluding shuttering and reinforcement, (if any) In a) ground floor as per I.S.456-2000 l) Pakur/Chandil variety.	2.50	cum		6133.46	15333.65

Pg-42/36/f	7	Hire and labour charges for shuttering with centering and necessary staging upto 4 metre using approved stout props thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns lintels curved or straight including fitting, fixing and striking out after completion of works. (Upto roof of ground floor) A.(i) 25 mm to 30 mm thick wooden shuttering as per direction of E.I.C.		sqm		0	0.00
		f) 25 mm to 30 mm thick wooden shuttering without staging	20.00	sqm	203	227.36	4547.20
Pg-82/15	8	Neat cement punning in wall/ dado, window sills, floor drain etc. Note: Cement @ 0.152 cum./% sqm.	19.00	sqm	34	38.08	723.52
Pg-89/1	9	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off corners, or chamfering corners, as directed and raking out joints or roughening of concrete surface (Ground Floor)				0	0.00
		c) 10 mm thick plaster (4:1)	19.00	sqm	122	136.64	2596.16
					TOTAL		33178.63
Cost of per mtr = 3317.86							

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Rate Analysis**Brick Work 4:1 in foundation & plinth**

Step - 1	Schedule Rate	Rs	6068.00(A)
Step - 2	Deduct cost of cement=(Quantity of cement)x(Issue rate of cement vide item no-1 column-4 Table1-1 of Annexure-1 0.055x8100	Rs	672.30(B)
Step - 3	Add cost of cement supplied by cost contractor including 10% proffite = 1.1x(Quantity of cement)x(Basik price of cement vide item no -1 column- 5 table-1-1 of annexure -1 1.1x.055x7364	Rs	672.33 (C.)
	Note;- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D	Rs	6068.03 (D)

Rate Analysis**Ordinary Mix Concreate 1:1.5:3**

Step - 1	Schedule Rate Vide page no - 15 it - 07 (PWD 01.12.2015)	Rs	5142.00
Step - 2	Cost 20 mm 10 mm Stone Chips (Nearest Chandrakona railway stationa) 20 mm :0 .66 Cum X 0..86 = 0.5676 Cum 10 mm :0 .34 Cum X 0.86 = 0.2924um	Rs	1054.033 494.156
Step - 3	Carriage : chandrakona road to Chandrakona = 22.00 Km= Rs298.50 20 mm = 0.5676 Cum 10 mm = 0.2924 Cum	Rs	169.4286 87.2814
Step - 4	Loading & Unloading = 0.86 Cum	Rs	49.88
Total Rs.		Rs.	6996.779

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Rate Analysis
Ordinary Mix Concrete 1:2:4

Step - 1	Schedule Rate Vide page no - 12 it - 05 (PWD 01.12.2015)	Rs	4352.00
Step - 2	Cost 20 mm 10 mm Stone Chips (Nearest Chandrakona railway station) 20 mm :0 .88 Cum X 0.75 = 0.66 Cum 10 mm :0 .88 Cum X 0.25 = 0.22um	Rs	1225.62 371.80
Step - 3	Carriage : chandrakona road to Chandrakona = 22.00 Km= Rs298.50 20 mm = 0.66 Cum 10 mm = 0.22 Cum	Rs	197.01 65.67
Step - 4	Loading & Unloading = 0.88 Cum	Rs	51.04
	Total Rs.	Rs.	6263.14

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Annexure - II**Format - A**

(Format for Rate Analysis of Cement Concrete Item)

Item 7. Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.

(i) Pakur Variety

Consumption of Stone aggregate (Page B-59)

20 mm 0.573 Cum

=

10 mm 0.287 Cum

=

Distance of site considered =

10 Km

Steps	Quantity	Unit	Rate	Amount
Step - 1 Rate of item as per relevant section of this Schedule A =	1.00	CUM	5389.00	5389.00
Step - 2 Add cost of stone aggregate of different grading as per consumption required for one cum of concrete. (As per table:T-1)				
Station : kalyani				
20mm Nominal Size:	0.573	CUM	1463.00	838.30
10mm Nominal Size:	0.287	CUM	1296.00	371.95
Total B =				1210.25
Step - 3 Add cost of carriage of stone aggregate as per consumption required for one cum of concrete. (As per table:T-2)				
20mm Nominal Size:	0.573	CUM	178.50	102.28
10mm Nominal Size:	0.287	CUM	178.50	51.23
Total C =				153.51
Step - 4 Add cost for loading and unloading of stone aggregate (As per table:T-3)				
20mm Nominal Size:	0.573	CUM	58.00	33.23
10mm Nominal Size:	0.287	CUM	58.00	16.65
Total D =				49.88
Final Rate of Item = [Rs. A - Rs.B + Rs.C + Rs.D] = Rs.				6802.64

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Section 6 – Project Implementation & Management Framework

6.1. Institutional Framework for implementation

Central Sanctioning and Monitoring Committee (CSMC)

- An inter-ministerial committee under Chairpersonship of Secretary (HUPA) for implementation of the Mission, approvals there under and monitoring.

Indicative Functions of CSMC

- Overall review and Monitoring of the Mission
- Assessing resource requirement based on HFAPoA and AIP submitted by States/UTs
- Approval of central releases under various components of the Mission
- Approval of Capacity Building Plans of States/UTs
- Devising financial and other norms for various activities undertaken as part of the Mission
- Approval of Annual Quality Monitoring Plans, Social Audit plans etc.
- Any other important issues required for implementation of the Mission.

State Level Sanctioning and Monitoring Committee (SLSMC)

Indicative functions of SLSMC

- Approval of Housing for All Plan of Action (HFAPoA)
- Approval of Annual Implementation Plan
- Approval of DPRs under various components of the Mission
- Approval of Annual Quality Monitoring Plans
- Reviewing progress of approved projects in the State and cities
- Monitoring of implementation of Mission
- Any other issues required for effective implementation of the Mission.

Chandrakona Municipality

Chandrakona Municipality shall be the nodal agency for implementation of HFAPoA and has set up a robust administrative structure for implementation. The roles and responsibilities of the key stakeholder are as follows:

- I. **Housing for All Nodal Officer:** Executive Officer of the Chandrakona Municipality has been designated as the Nodal Officer for HFA.
- II. **Housing for All Working Group:** Chandrakona Municipality has decided to create a HFA working group with departmental heads of all key departments including PWD, Revenue, Health, Water Supply, Planning and Poverty. The working group was instrumental in preparing the HFAPoA and will be responsible for the implementation of HFAPoA.
- III. **Federation at city level and slum dweller association at slum level:** Chandrakona Municipality has one CDS covering 12 wards and plan to establish a federation at city level and slum dweller association at slum level for smooth implementation of HFA.

6.2. Implementation schedule

A time-bound action plan covering

1. Tendering and process for award of work must be completed within one month from the date approval of the Project.
2. Quarterly fund requirement to match the project schedule will be followed as per guideline of the State Government.
3. Slum-wise project delivery will be done within six months from the date approval of the Project.

6.3. Quarterly component wise investment schedule vis-a-vis means of finance

(Central/State/ULB/Beneficiaries share)

Fund Type	Total Project cost (Rs. In Lakh)				DU for 404 nos (Rs. In Lakh)			Physical Infrastructure (Rs. In Lakh)		
	DU for 975nos @ Rs. 3.68 Lakhs/DU)	Physical Infrastructure (CC Drain552 3.48 Running Mtrs. @ Rs. 0.03288/Mtr.)	Physical Infrastructure (Guard Wall 1640.72 Running Mtrs. @ Rs. 0.107996/Mtr.)	Totoal Rs.	1st Quarter	2nd Quarter	Total	1st Quarter	2nd Quarter	Total
Central	1462.50	0.00	0.00	1462.50	585.00	877.50	1462.50	585.00	877.50	1462.50
State	1881.75	90.80	88.60	2061.15	752.70	1129.05	1881.75	824.46	1236.69	2061.15
ULB	0.00	90.81	88.60	179.40	0.00	0.00	0.00	71.76	107.64	179.40
Beneficiaries share	243.75	0.00		243.75	97.50	146.25	243.75	97.50	146.25	243.75
Total	3588.00	181.61	177.19	3946.80	1435.20	2152.80	3588.00	1578.72	2368.08	3946.80

6.4. Monitoring mechanism at State, ULB and Community level.

Mission will be monitored at all three levels: City, State and Central Government. CSMC will monitor formulation of HFAPoA, Annual Implementation Plans (AIPs) and project implementation. Suitable monitoring mechanisms will be developed by the Mission. States and cities will also be required to develop monitoring mechanism for monitoring the progress of mission and its different components.

6.5. Quality Control & Quality Assurance Plan.

Proper structure for implementation and management arrangements of the project, dealing with administrative structure, implementing agencies against various components of the project should be prepared in consultation with SUDA & MED during implementation of HFA Scheme.

The implementation and management arrangement should mention the role of the State Level Nodal Agency (SLNA), State Level Technical Cell (SLTC), City Level Mission Directorate, City Level Technical Cell (CLTC) and Project Management Consultant (PMC.)

Section 7 – Operation & Maintenance Plan

Dwelling Units should be constructed by the beneficiary themselves in their own land. Therefore ownership of house goes to beneficiary. Operation & Maintenance should be done by the beneficiary in future. If construction of dwelling unit done by the municipality, property rights should be handed over to the beneficiary. Therefore Operation & Maintenance of dwelling units should be done by the beneficiary themselves in future.

Concrete road created under this project should be maintained by the Municipality through municipal fund and state govt. Fund time to time.

Section 8 – Project Financials

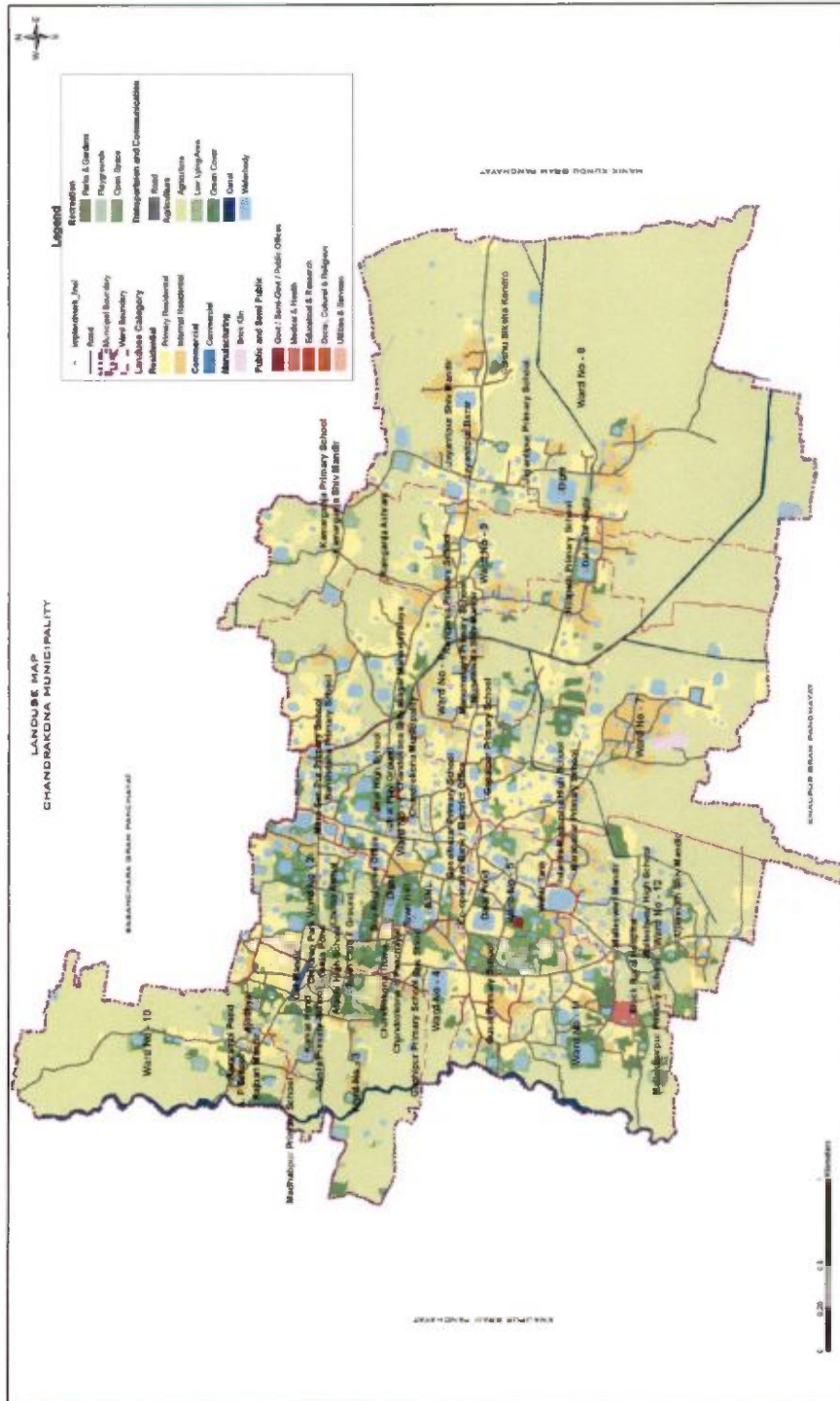
Component wise financial statement for each slum indicating cost, Central/State/ULB/Beneficiaries share or/and any other share. One consolidated statement covering all slums should also be furnished as per format given below

Rs. In lakh					
Component	Central share	State share	ULB share	Beneficiary Share	Total project cost
Housing	1462.50	1881.75	0	243.75	3588.00
Infrastructure	0	179.40	179.40	0	358.80
*O&M charges	0	0	0	0	0
*DPR Preparation, PM, TPIM, Social Audit Charges	0	0	0	0	0
Others	0	0	0		0
Total	1462.50	2061.15	179.40	243.75	3946.80
*these charges will be shared between Central and State Govt. as per applicable sharing pattern					

Section 9

Drawings:

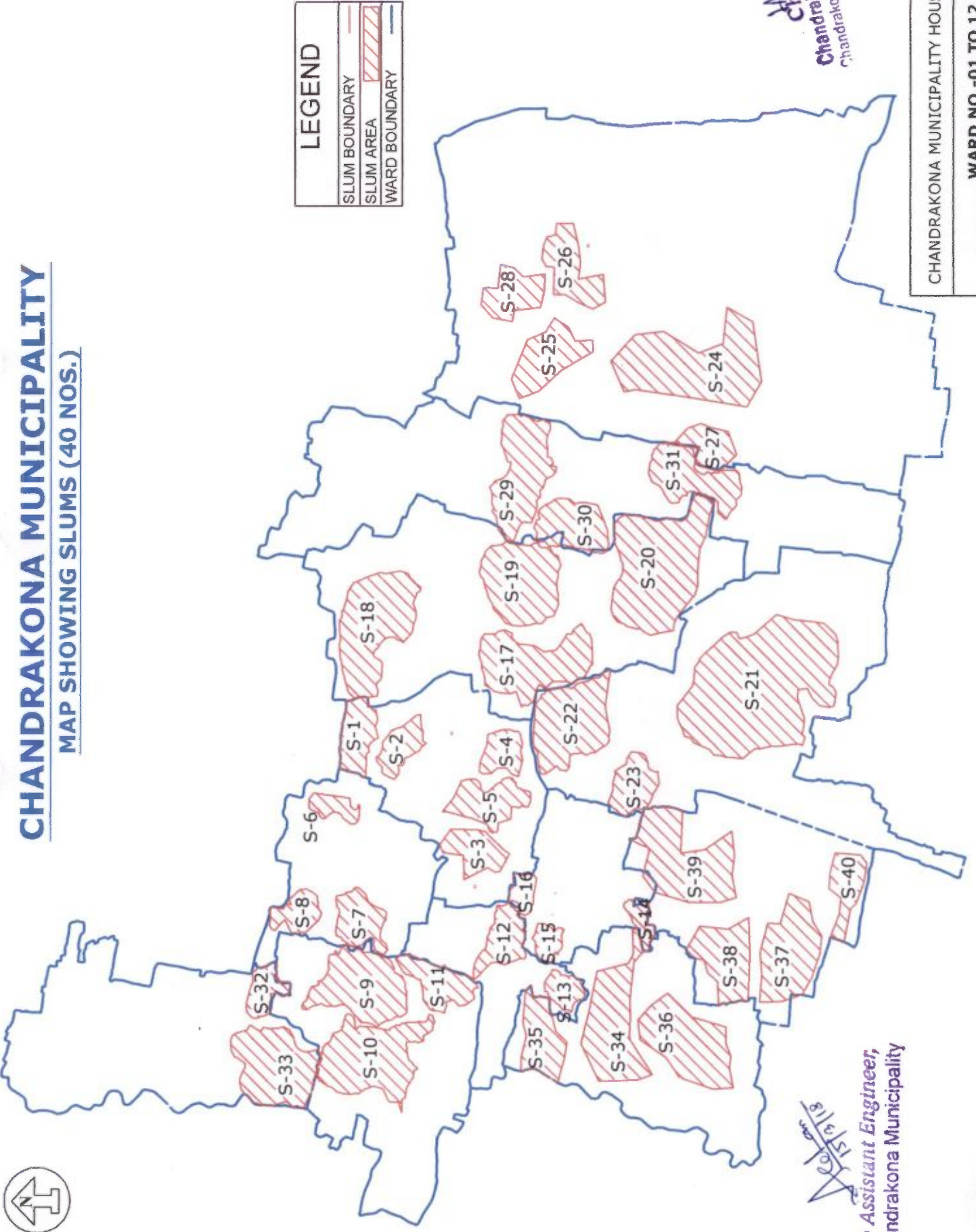
9.1 Lan Use Map of the Municipality.



Map of Slums and Non-Slum Areas

CHANDRAKONA MUNICIPALITY

MAP SHOWING SLUMS (40 NOS.)



LEGEND	
SLUM BOUNDARY	—
SLUM AREA	▨
WARD BOUNDARY	- - -

Chairman
Chandrakona Municipality
Chandrakona, Paschim Medinipur

Sub Assistant Engineer,
Chandrakona Municipality

CHANDRAKONA MUNICIPALITY HOUSING FOR ALL 2022

WARD NO.-01 TO 12



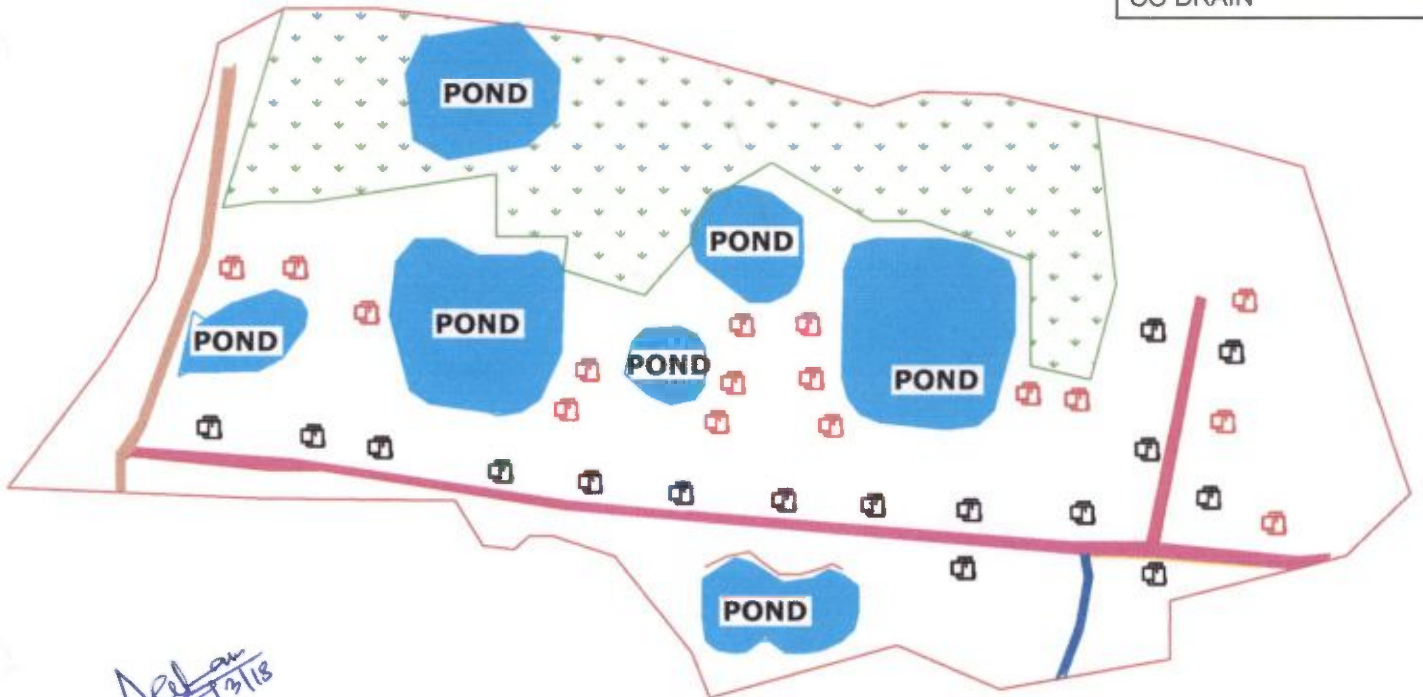
CHANDRAKONA MUNICIPALITY

WARD NO - 1

SLUM NAME : ALAMPUR & ALAMPUR CANELPAR
SLUM NO:- 001
AREA : 28420.0 SQM.

LEGEND

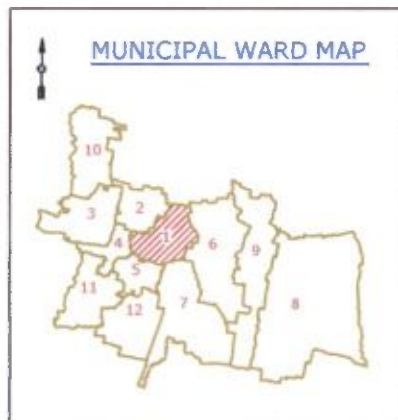
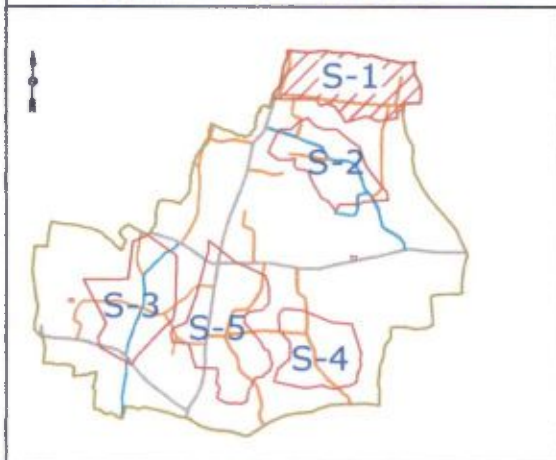
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN	—



Adnan
15/7/18

Sub Assistant Engineer,
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INDEX MAP OF SLUMS IN WARD-01



Adnan
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-01



CHANDRAKONA MUNICIPALITY

WARD NO - 1

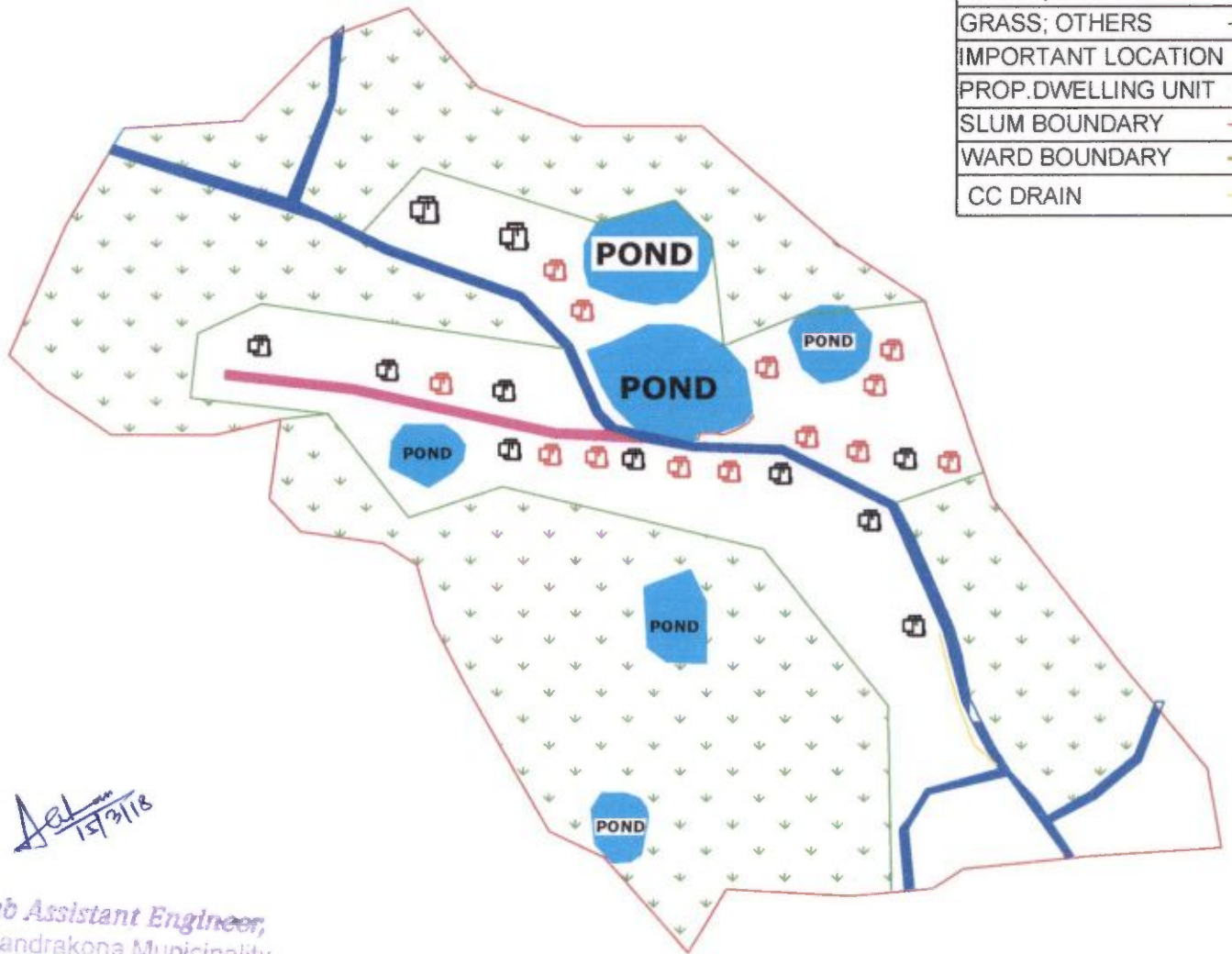
SLUM NAME : BAGSWARPUR, SAMASPUR, NISCHINDIPUR & GOSSAIBER BUSTEE

SLUM NO:- 002

AREA : 20758.0 SQM.

LEGEND

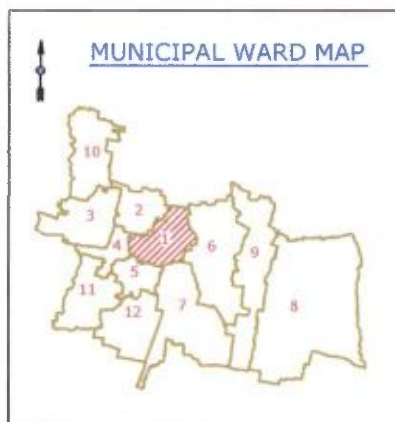
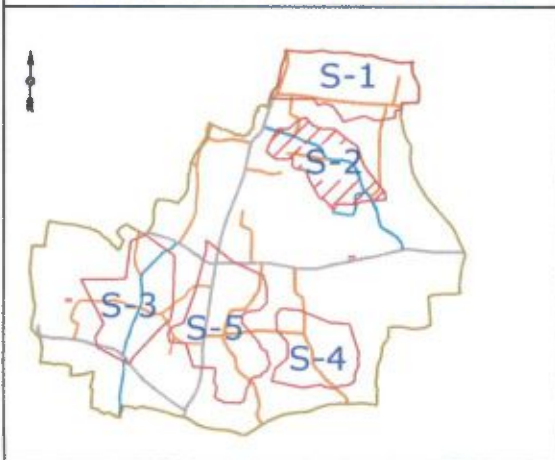
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN	—



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INDEX MAP OF SLUMS IN WARD-01



Chairman
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-01



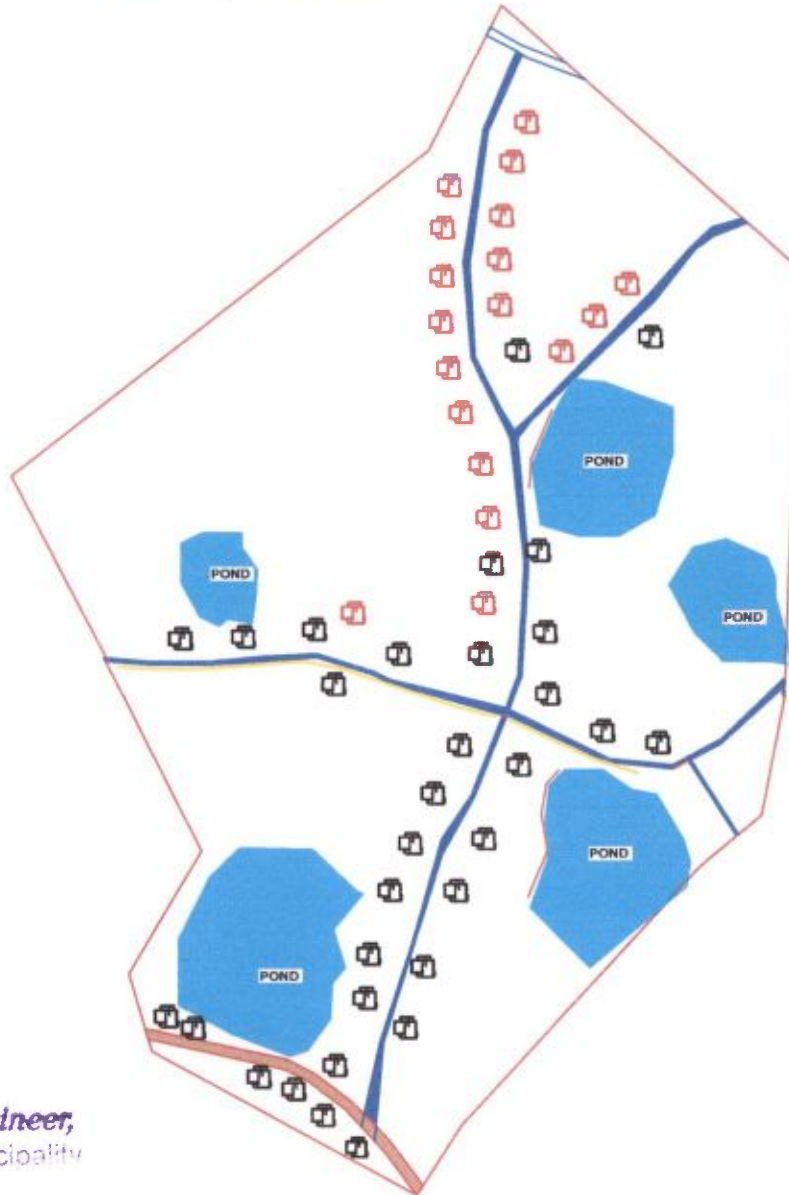
CHANDRAKONA MUNICIPALITY

WARD NO - 1

SLUM NAME : ILAMBAZAR & ILAMBAZAR MUSLIMPARA
SLUM NO:- 003
AREA : 21483.0 SQM.

LEGEND

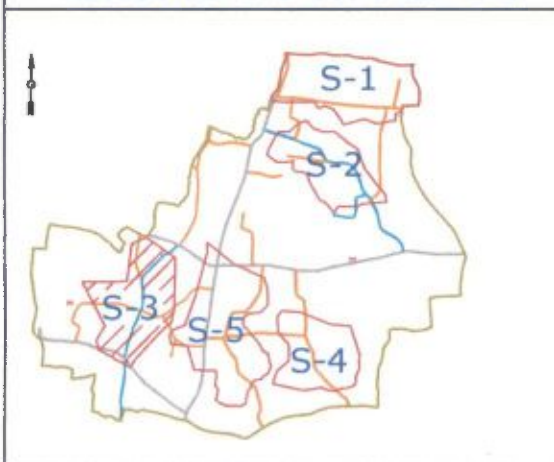
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ROADS; CONCRETE	—
GRASS; OTHERS	—
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PROP. DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN	—



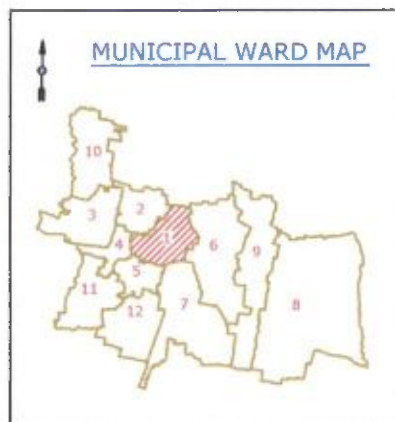
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15/1/18

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Chandrakona Municipality

INDEX MAP OF SLUMS IN WARD-01



MUNICIPAL WARD MAP



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Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-01



CHANDRAKONA MUNICIPALITY

WARD NO - 1

SLUM NAME : GOLOKHAMPUR SANTRAPARA & PATHANBER

SLUM NO:- 004

AREA : 13199.0 SQM.

LEGEND

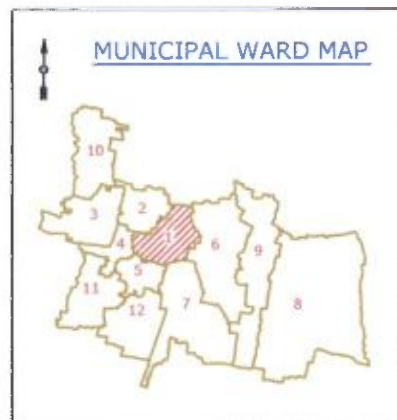
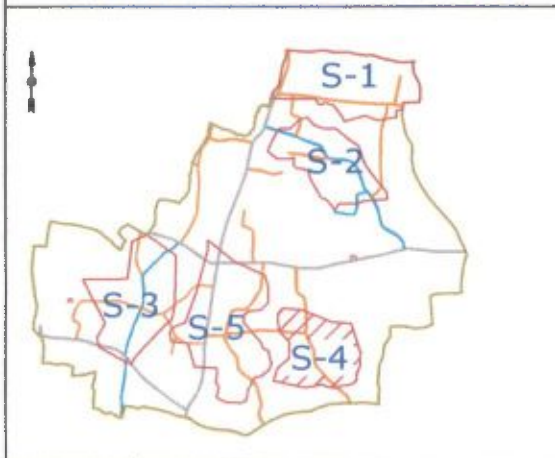
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN	—



Aet
15/3/18

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INDEX MAP OF SLUMS IN WARD-01



[Signature]
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-01



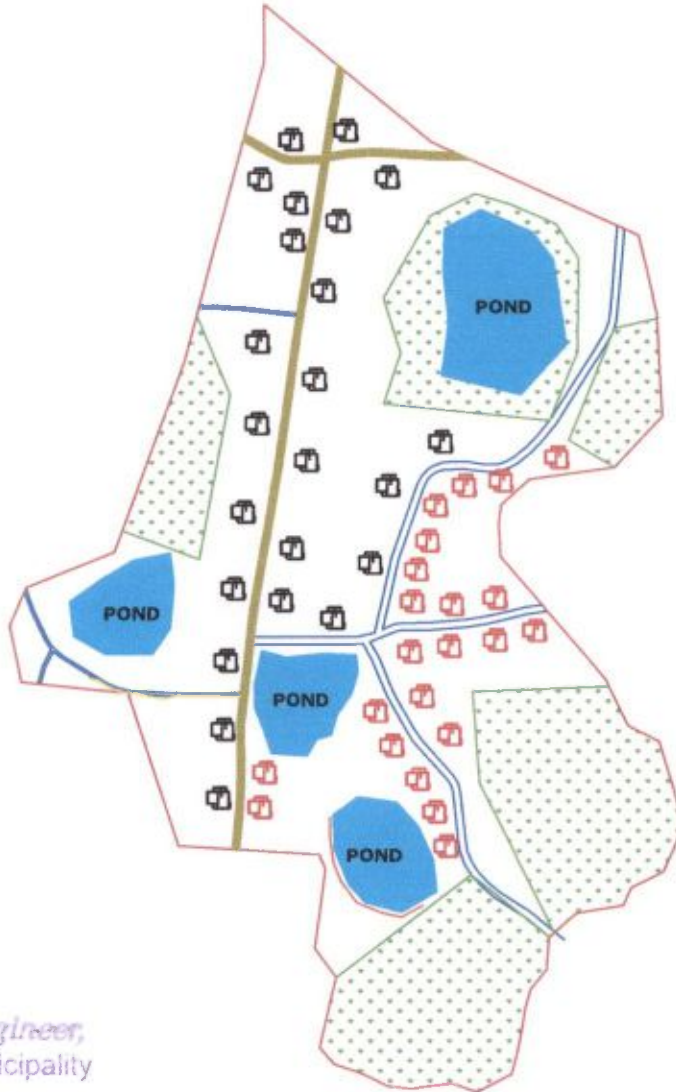
CHANDRAKONA MUNICIPALITY

WARD NO - 1

SLUM NAME : GOBINDAPUR & GOBINDAPUR PALPARA
SLUM NO:- 005
AREA : 10075.00 SQM.

LEGEND

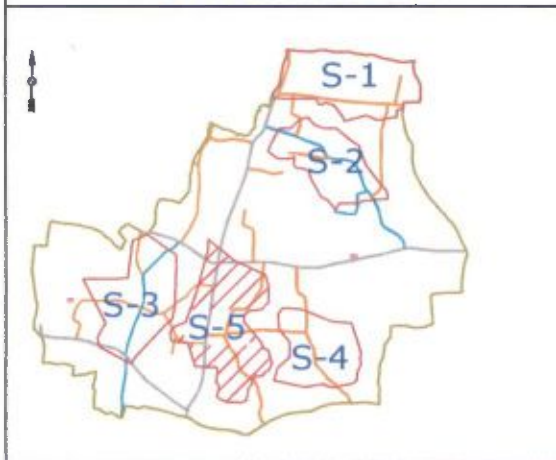
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN	—



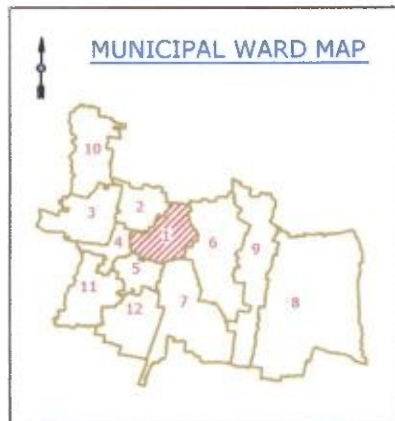
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INDEX MAP OF SLUMS IN WARD-01



MUNICIPAL WARD MAP



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Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-01



CHANDRAKONA MUNICIPALITY

WARD NO - 2

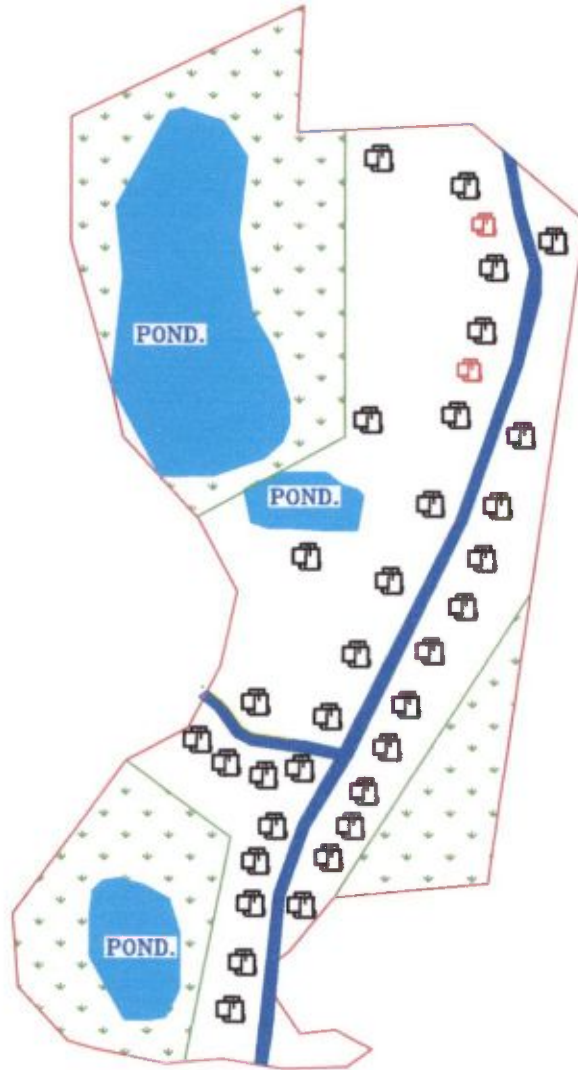
SLUM NAME : MITRASENPUR DOMPARA

SLUM NO:- 006

AREA : 21174 SQM.

LEGEND

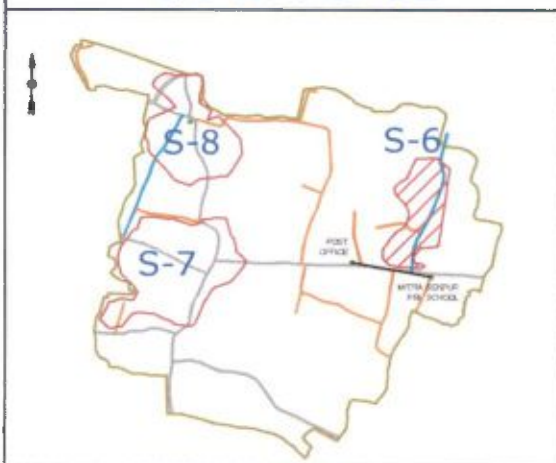
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN	—



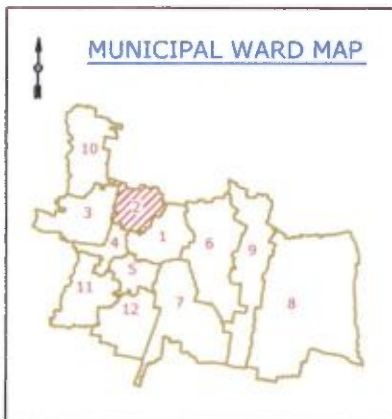
A. K. Das
15/7/18

Sub Assistant Engineer,
Chandrakona Municipality

INDEX MAP OF SLUMS IN WARD-02



MUNICIPAL WARD MAP



A. K. Das
Chairman,
Chandrakona Municipality,
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-02



CHANDRAKONA MUNICIPALITY

WARD NO - 2

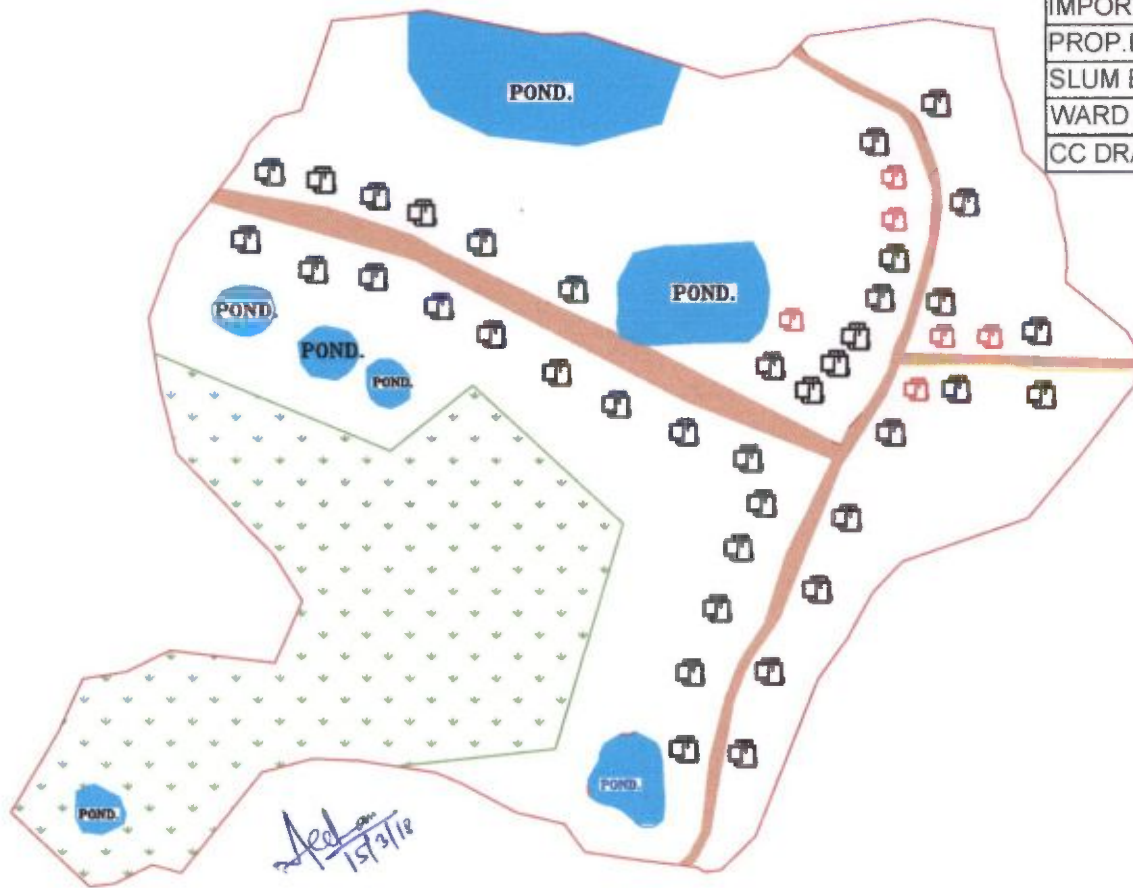
SLUM NAME : NARAHARIPUR MAJHIPARA

SLUM NO:- 007

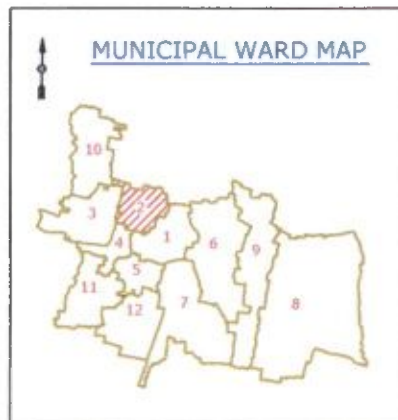
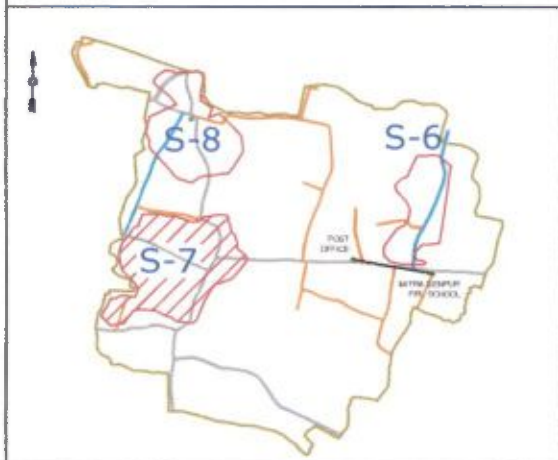
AREA : 39226.0 SQM.

LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



INDEX MAP OF SLUMS IN WARD-02



[Signature]
**Chairman,
 Chandrakona Municipality,
 Chandrakona, Paschim Medinipur**

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-02



CHANDRAKONA MUNICIPALITY

WARD NO - 2

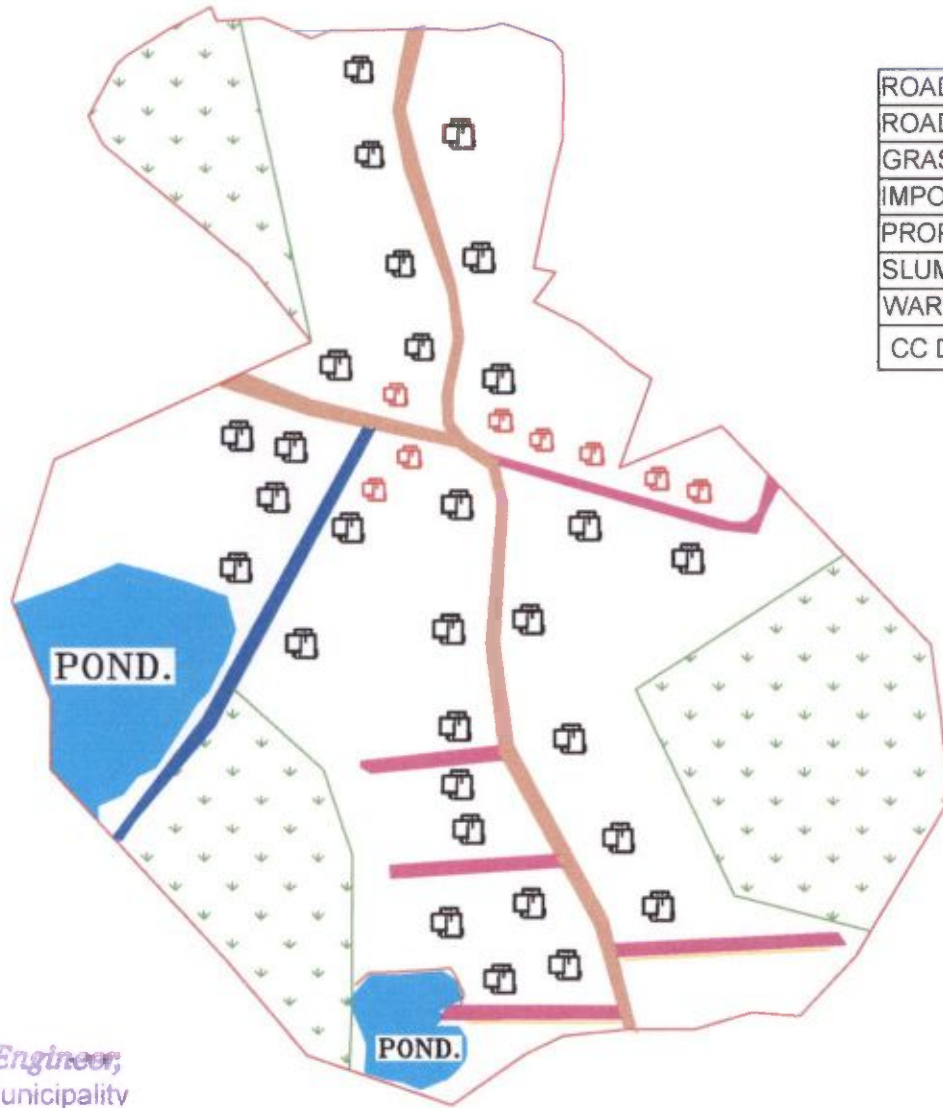
SLUM NAME : NAYAGUNJA MAJIPARA & BAGTIPARA

SLUM NO:- 008

AREA : 27743.0 SQM.

LEGEND

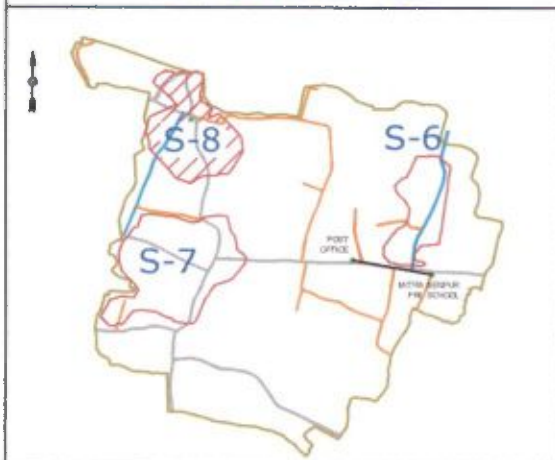
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



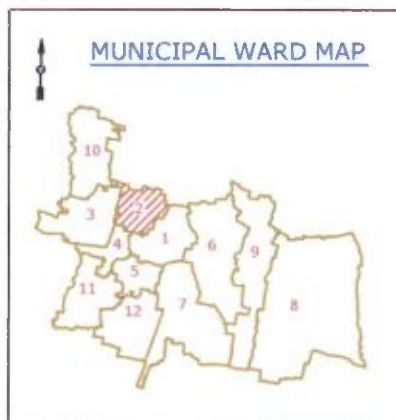
Adnan
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

INDEX MAP OF SLUMS IN WARD-02



MUNICIPAL WARD MAP



Chairman
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-02



CHANDRAKONA MUNICIPALITY

WARD NO - 03

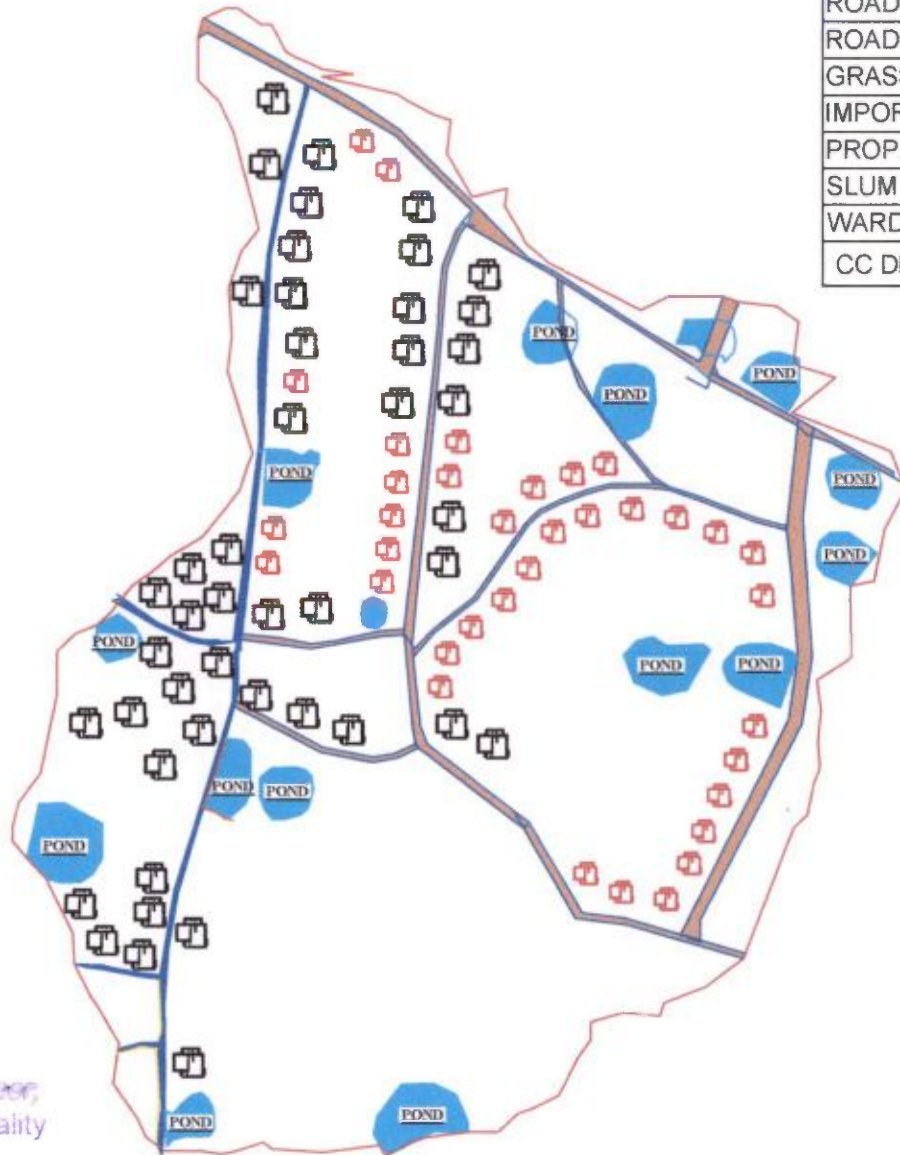
SLUM NAME : RAGHUNATHPUR MAJIPARA, CHALAKPARA, JAMAIPARA
ADAKPARA & PURUSOTTAMPUR RUIDASPARA

SLUM NO:- 009

AREA : 31373.0 SQM.

LEGEND

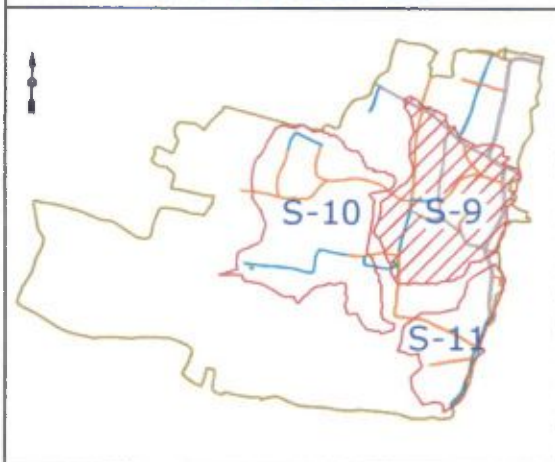
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



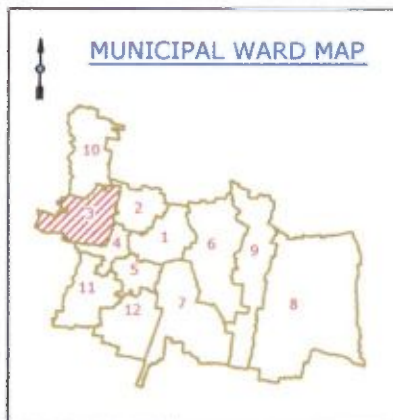
Adarsh
15/7/18

Sub Assistant Engineer,
Chandrakona Municipality

INDEX MAP OF SLUMS IN WARD-03



MUNICIPAL WARD MAP



Adarsh
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-03



CHANDRAKONA MUNICIPALITY

WARD NO - 03

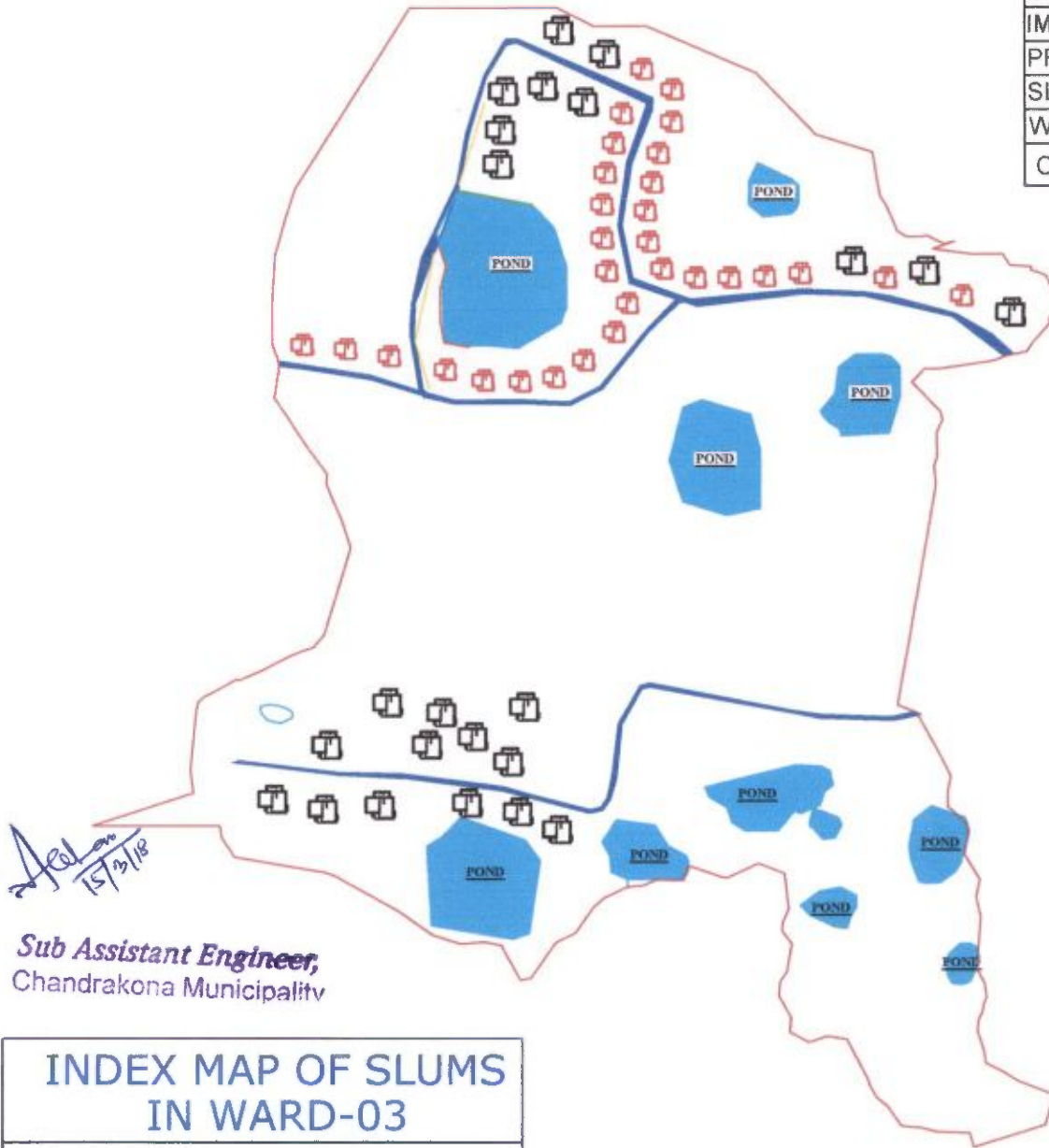
SLUM NAME : MADHABPUR BAURIPARA, KUMORPARA & JELEPARA

SLUM NO:- 010

AREA : 47215.0 SQM.

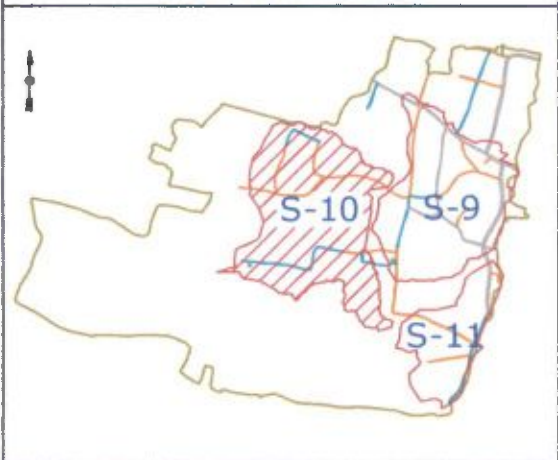
LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	⊙
PROP. DWELLING UNIT	🏠
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—

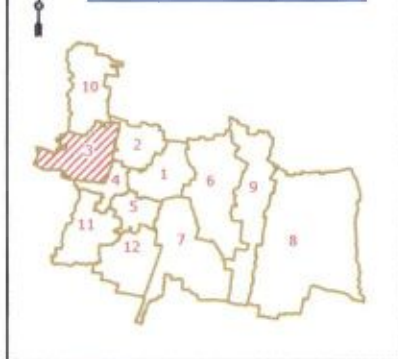


Sub Assistant Engineer,
Chandrakona Municipality

INDEX MAP OF SLUMS IN WARD-03



MUNICIPAL WARD MAP



[Signature]
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-03



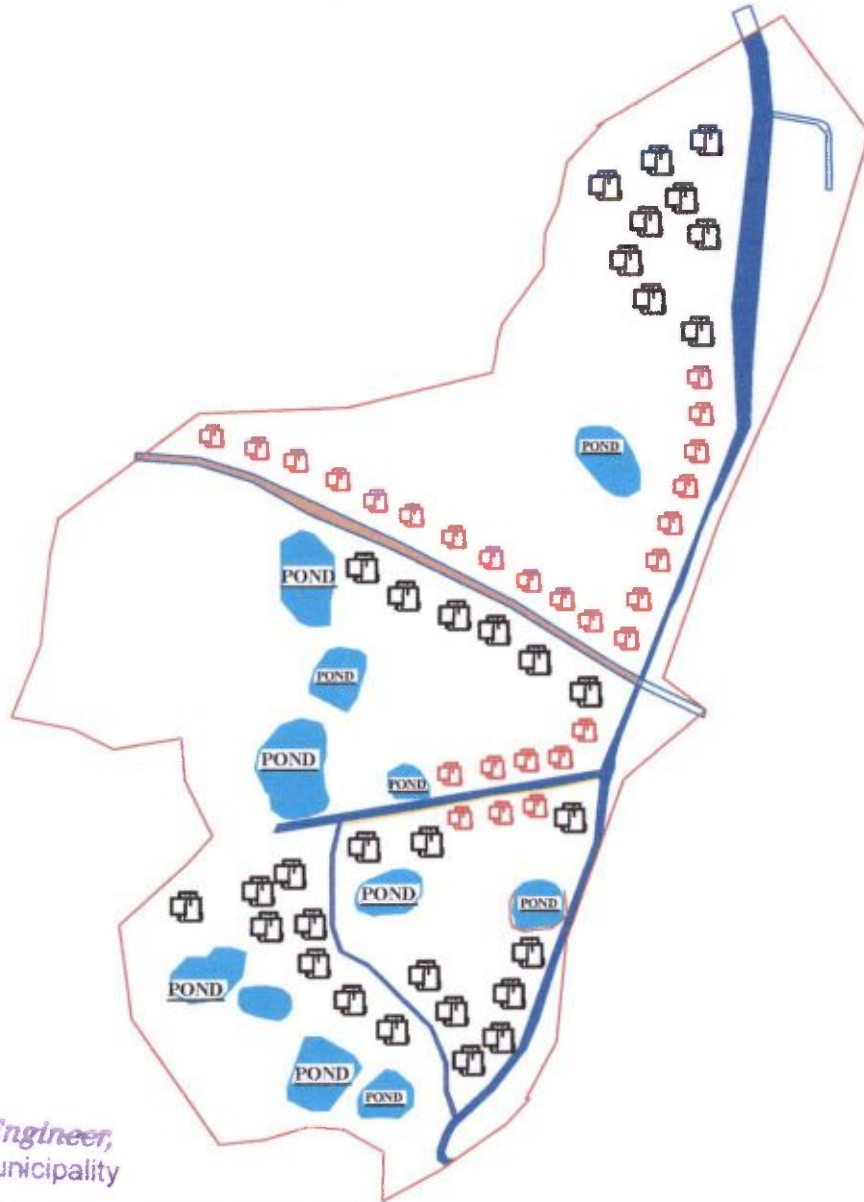
CHANDRAKONA MUNICIPALITY

WARD NO - 03

SLUM NAME : MADHABPUR MUSLIMPARA & BHANGIPARA
SLUM NO:- 011
AREA : 23430.0 SQM.

LEGEND

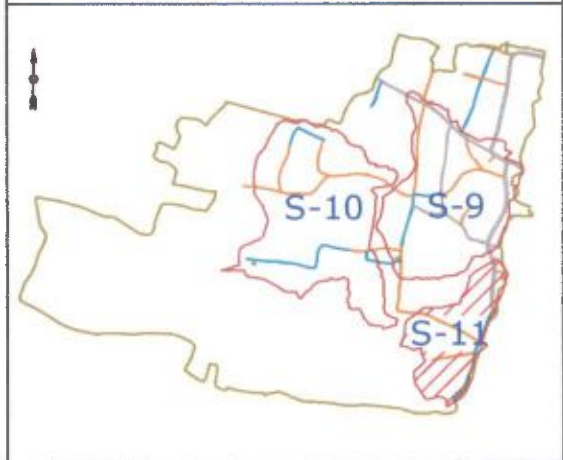
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



Signature
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

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MUNICIPAL WARD MAP



Signature
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-03



CHANDRAKONA MUNICIPALITY

WARD NO - 04

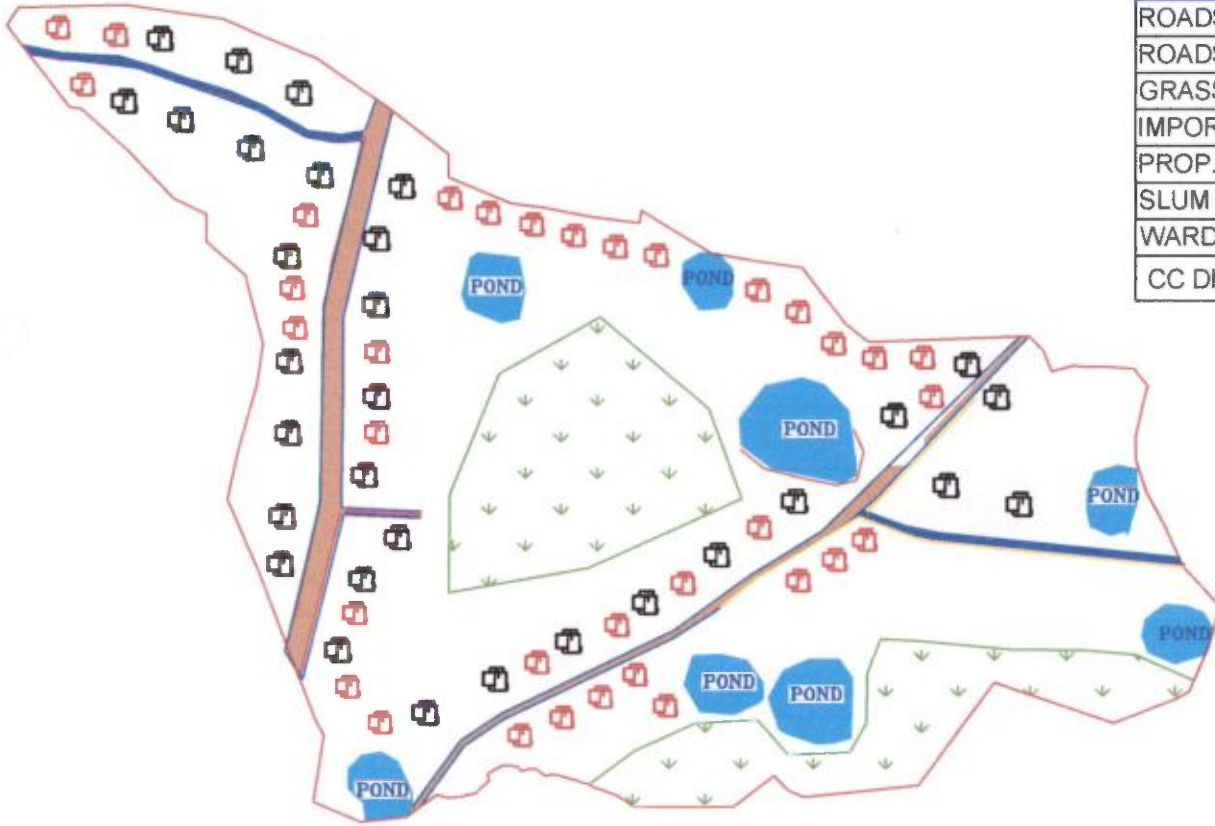
SLUM NAME : KASAIMAHALLA & GAJIPUR DASPARA

SLUM NO:- 12

AREA : 30045.0 SQM.

LEGEND

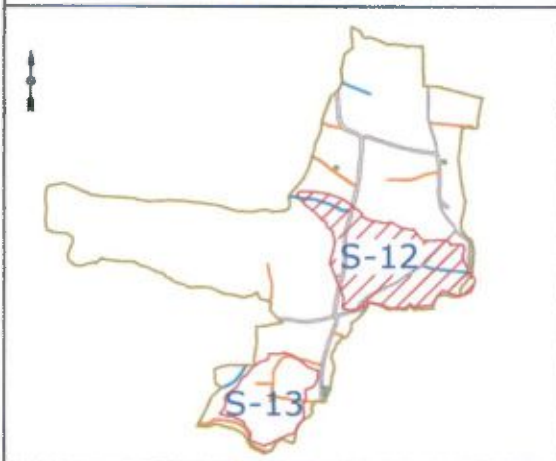
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



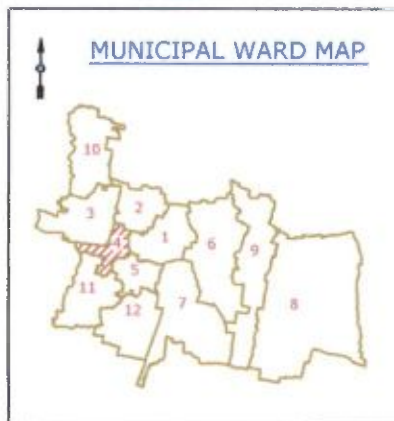
Asst. Engr
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

INDEX MAP OF SLUMS IN WARD-04



MUNICIPAL WARD MAP



Chairman
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-04



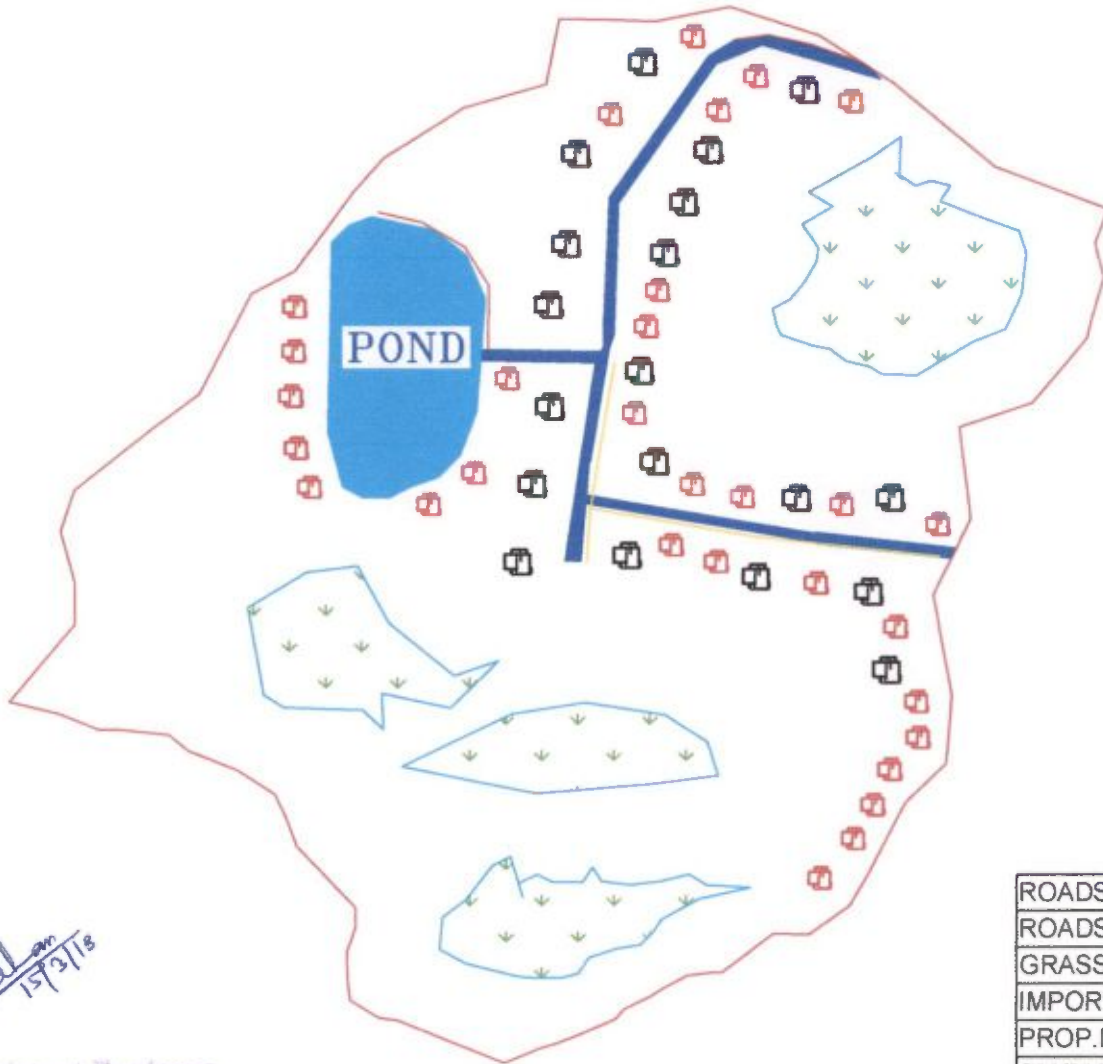
CHANDRAKONA MUNICIPALITY

WARD NO - 04

SLUM NAME : KHIRKIBAZAR DASPARA & SHYAMSUNDARPUR

SLUM NO:- 13

AREA : 14285.0 SQM.



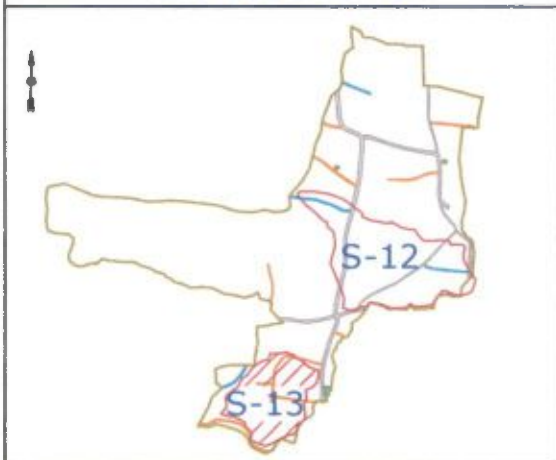
LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—

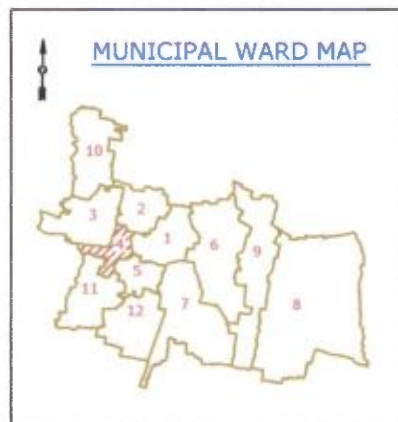
A. A. Khan
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

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MUNICIPAL WARD MAP



A. A. Khan
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-04



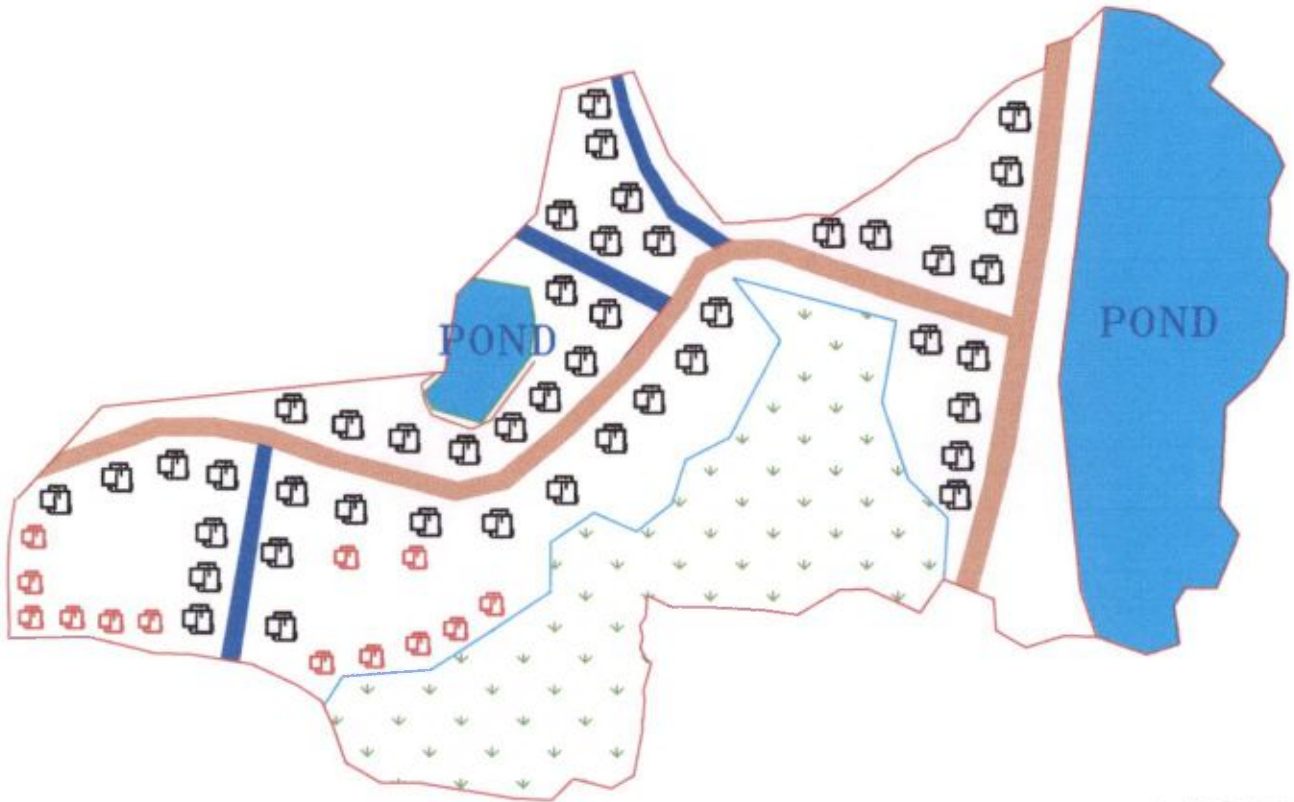
CHANDRAKONA MUNICIPALITY

WARD NO - 05

SLUM NAME : BEGUNBARI & JAHARAPUKUR RUIDASPALLI

SLUM NO:- 14

AREA : 20031.0 SQM.



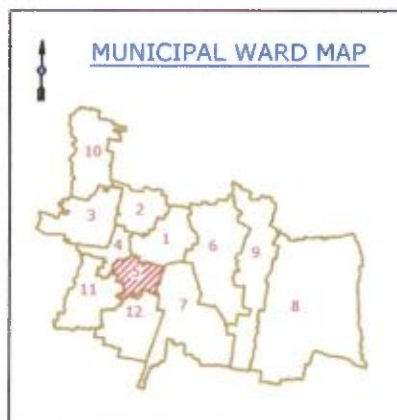
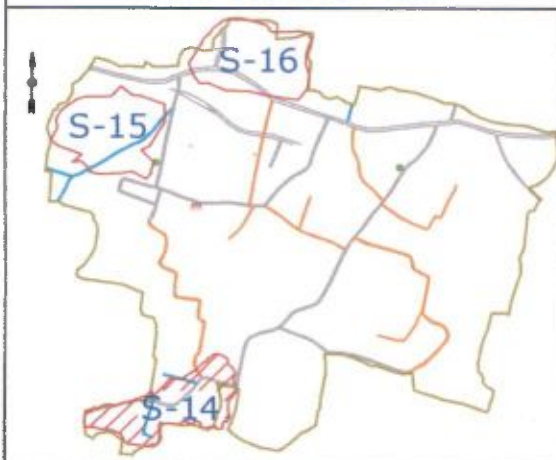
LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—

Ael
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

INDEX MAP OF SLUMS IN WARD-05



A.P.
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-05



CHANDRAKONA MUNICIPALITY

WARD NO - 05

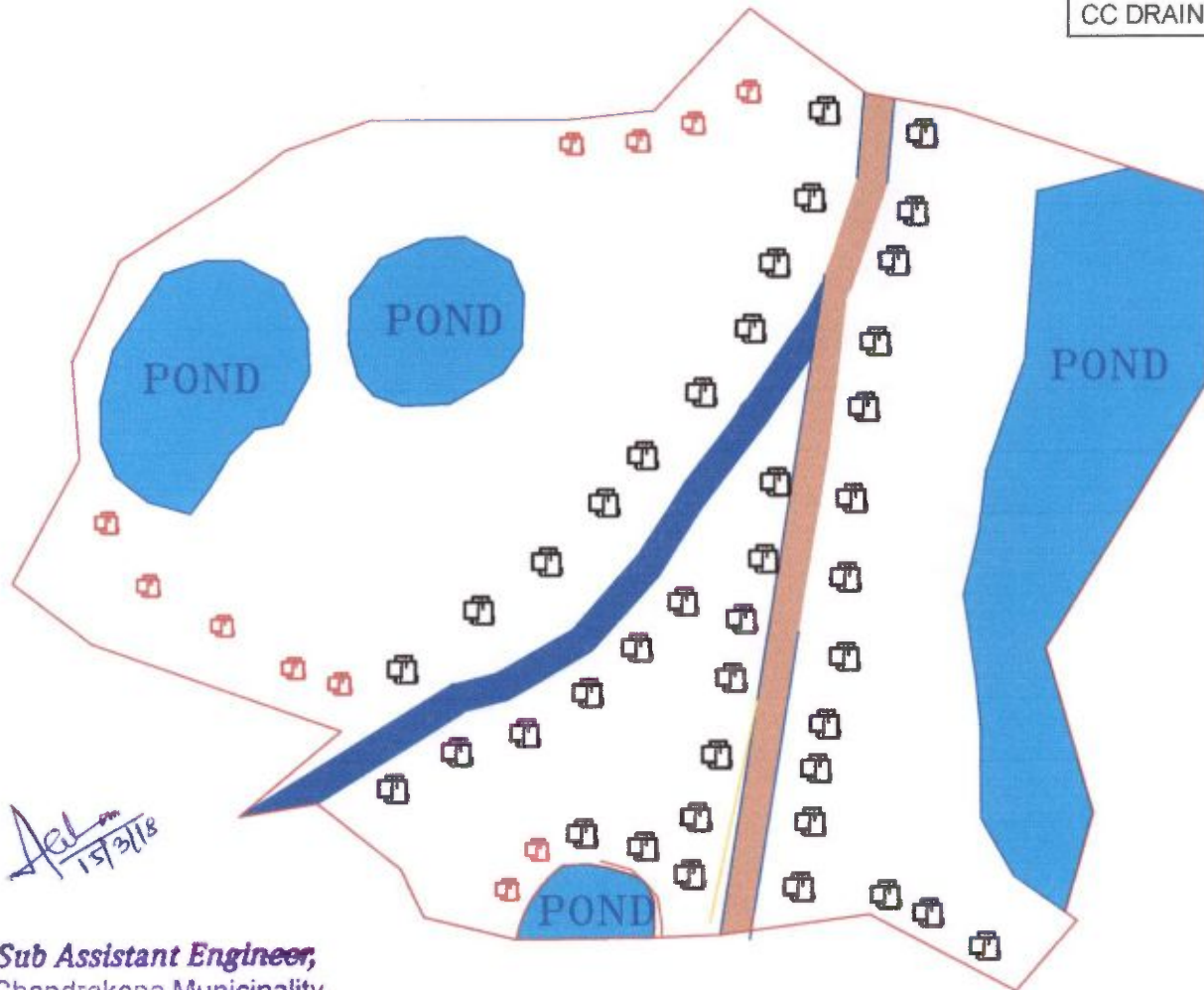
SLUM NAME : SATIBAZAR DASPARA

SLUM NO:- 15

AREA : 14682.0 SQM.

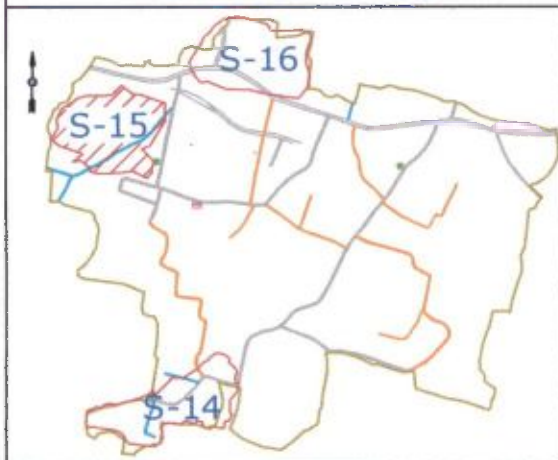
LEGEND

ROADS; BITUMINOUS	
ROADS; CONCRETE	
GRASS; OTHERS	
IMPORTANT LOCATION	
PROP. DWELLING UNIT	
SLUM BOUNDARY	
WARD BOUNDARY	
CC DRAIN (PROP)	

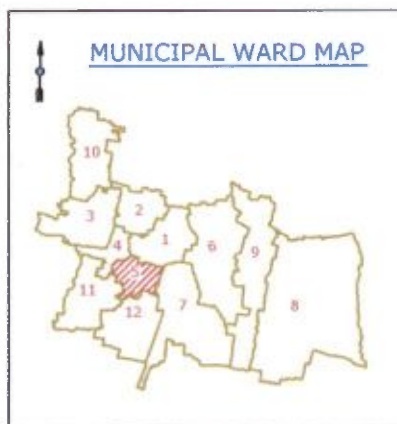


Sub Assistant Engineer,
Chandrakona Municipality

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MUNICIPAL WARD MAP



M.P.
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-05



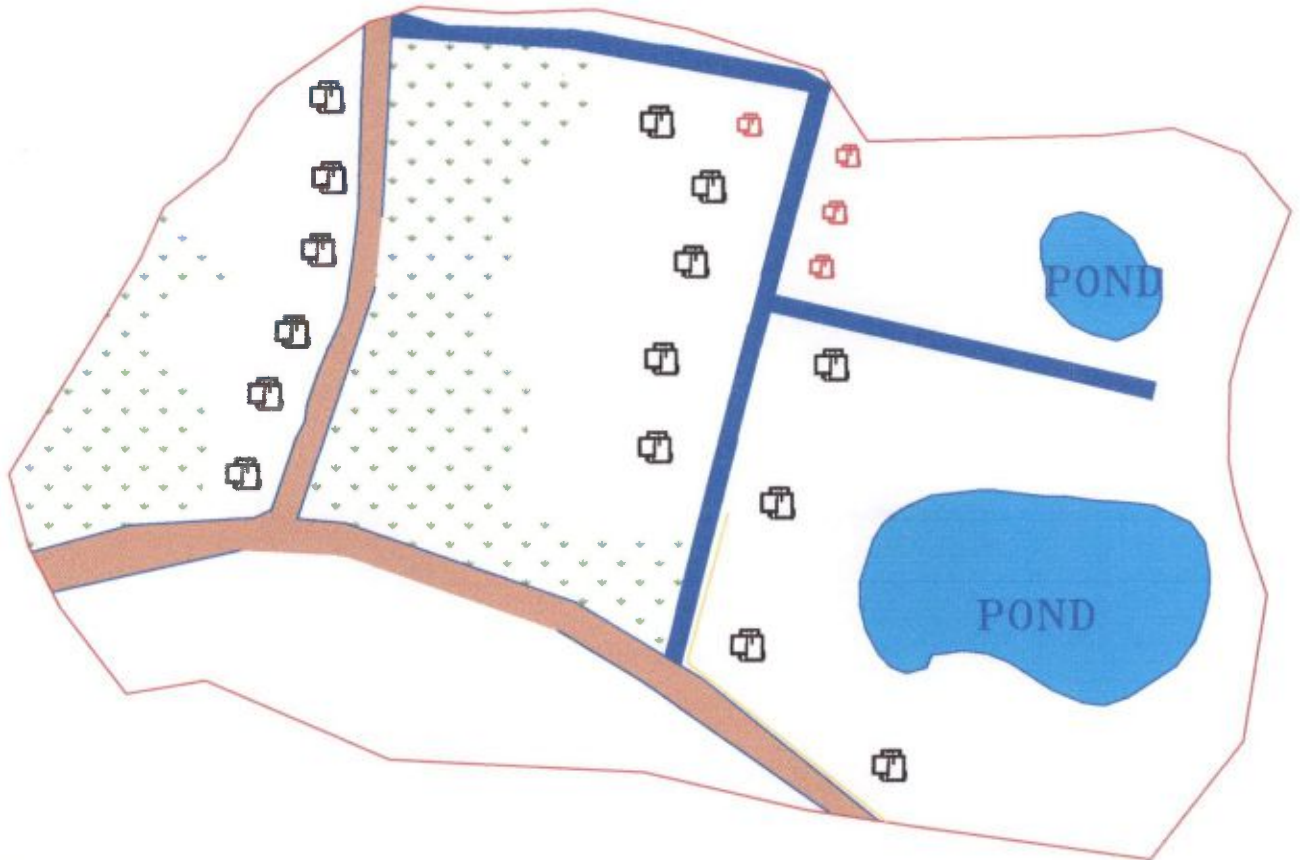
CHANDRAKONA MUNICIPALITY

WARD NO - 05

SLUM NAME : GONSAIBAZAR RUIDASPALLI

SLUM NO:- 16

AREA : 9698.0 SQM.



A. Chakrabarti
15/9/18

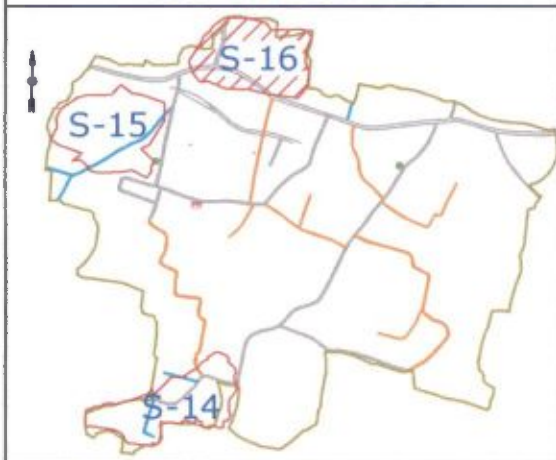
Sub Assistant Engineer,
Chandrakona Municipality

A.P....
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

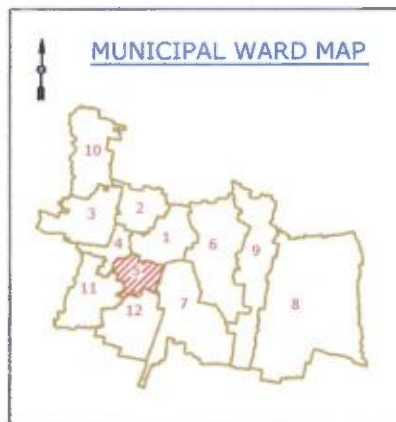
LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—

INDEX MAP OF SLUMS IN WARD-05



MUNICIPAL WARD MAP



CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-05



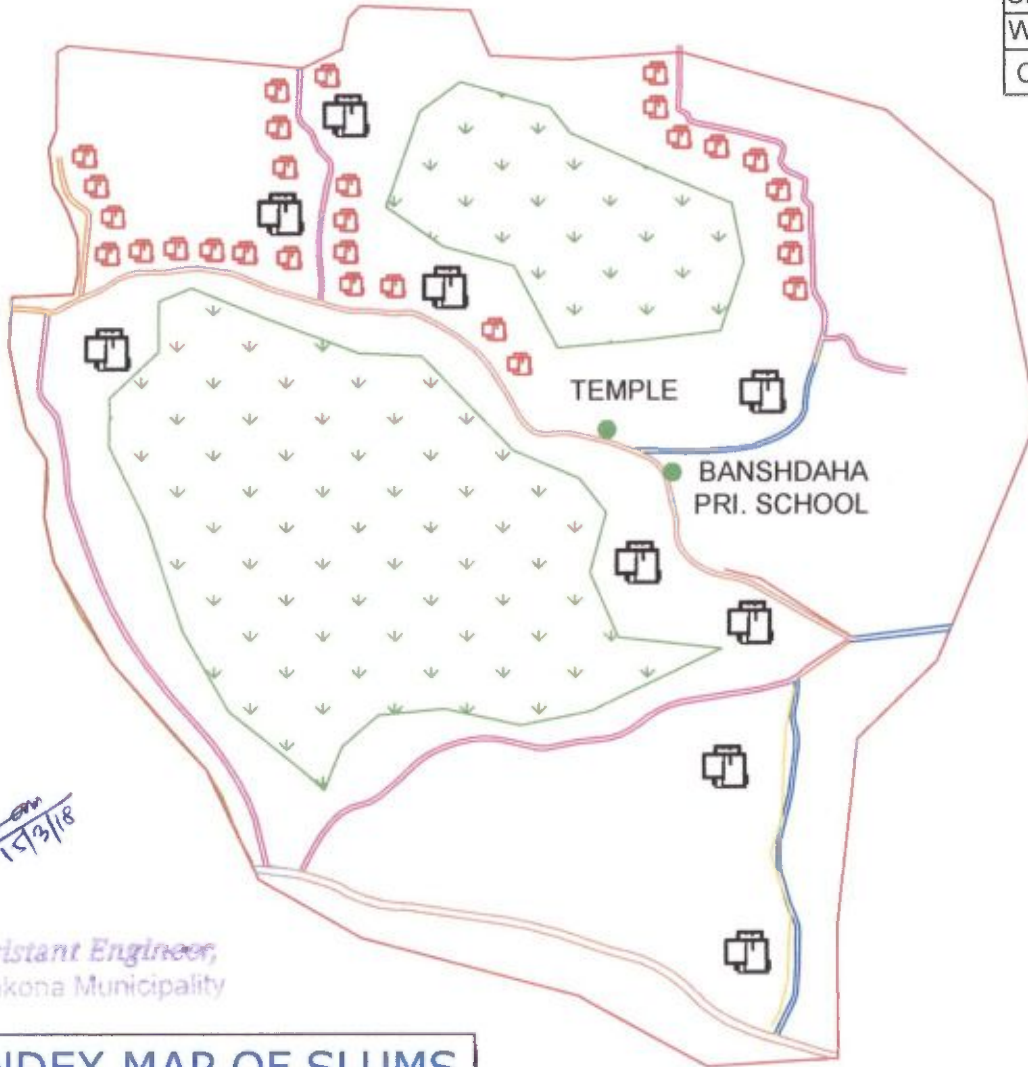
CHANDRAKONA MUNICIPALITY

WARD NO - 06

SLUM NAME : CHASIMAHAL, CANELPAR , 24 CHHIA & LALBAZAR
SLUM NO:- 017
AREA : 81982.00 SQM.

LEGEND

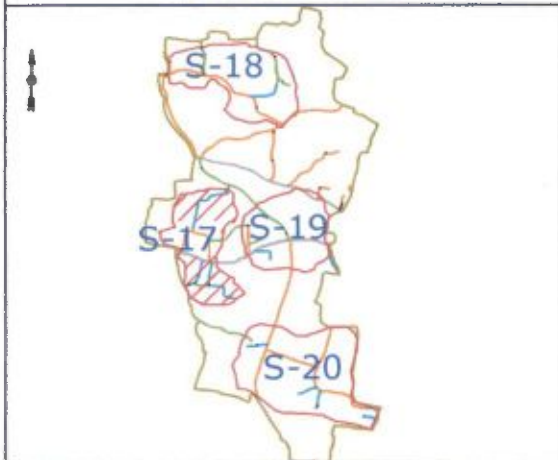
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



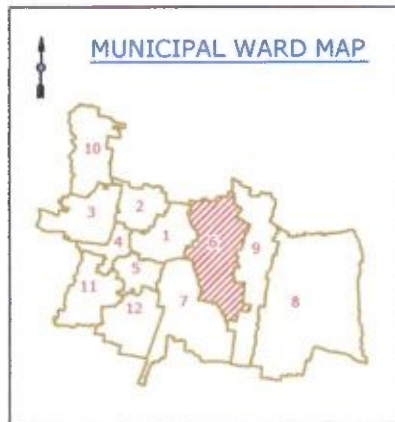
Act on
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

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MUNICIPAL WARD MAP



W.A.
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-06



CHANDRAKONA MUNICIPALITY

WARD NO - 06

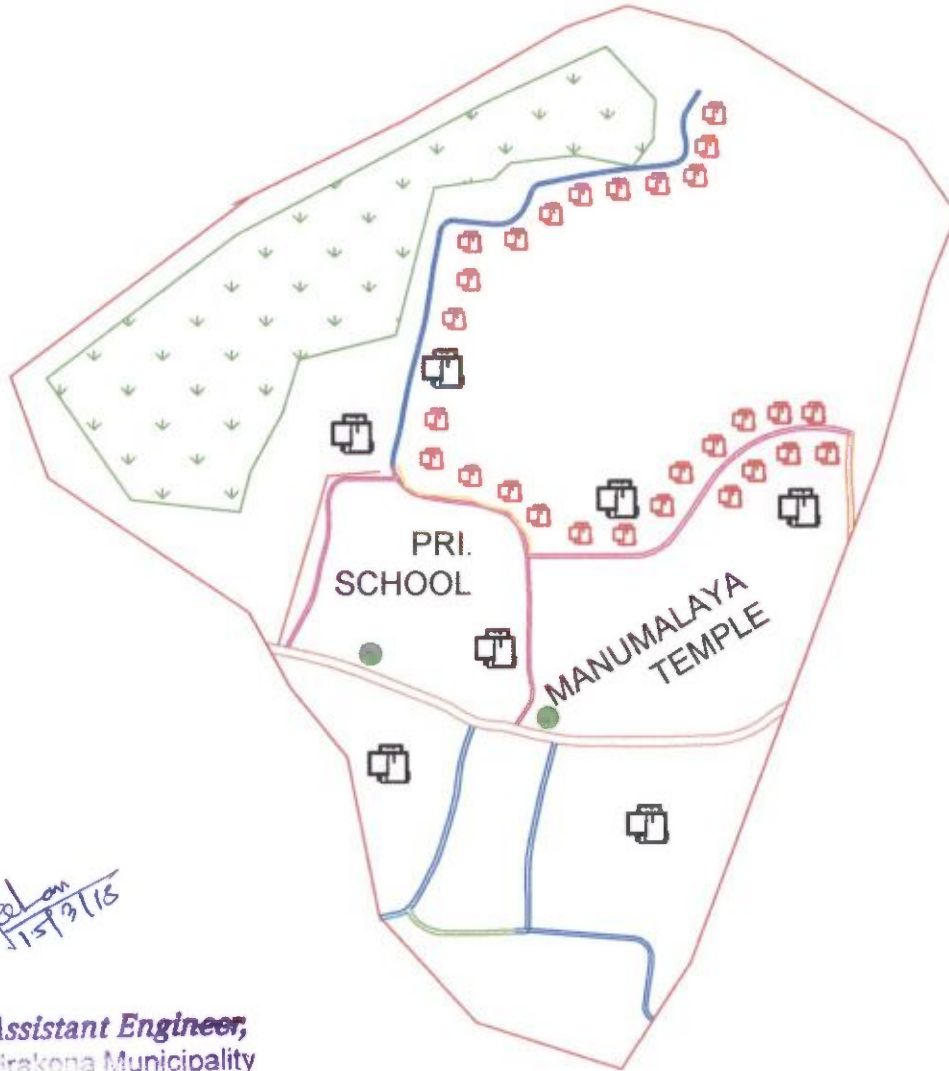
SLUM NAME : MAJHER BANSDAHA

SLUM NO:- 018

AREA : 15256.00 SQM.

LEGEND

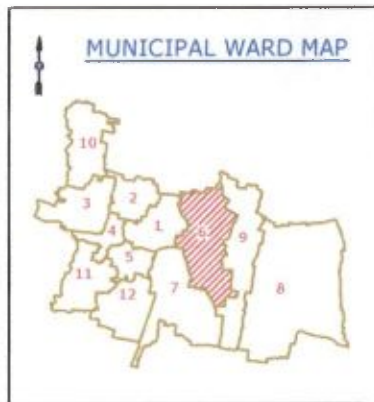
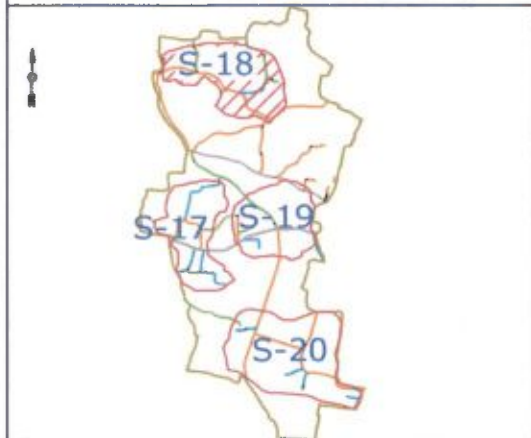
ROADS; BITUMINOUS	
ROADS; CONCRETE	
GRASS; OTHERS	
IMPORTANT LOCATION	
PROP.DWELLING UNIT	
SLUM BOUNDARY	
WARD BOUNDARY	
CC DRAIN (PROP)	



Apal on
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

INDEX MAP OF SLUMS IN WARD-06



W.A.P.
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-06



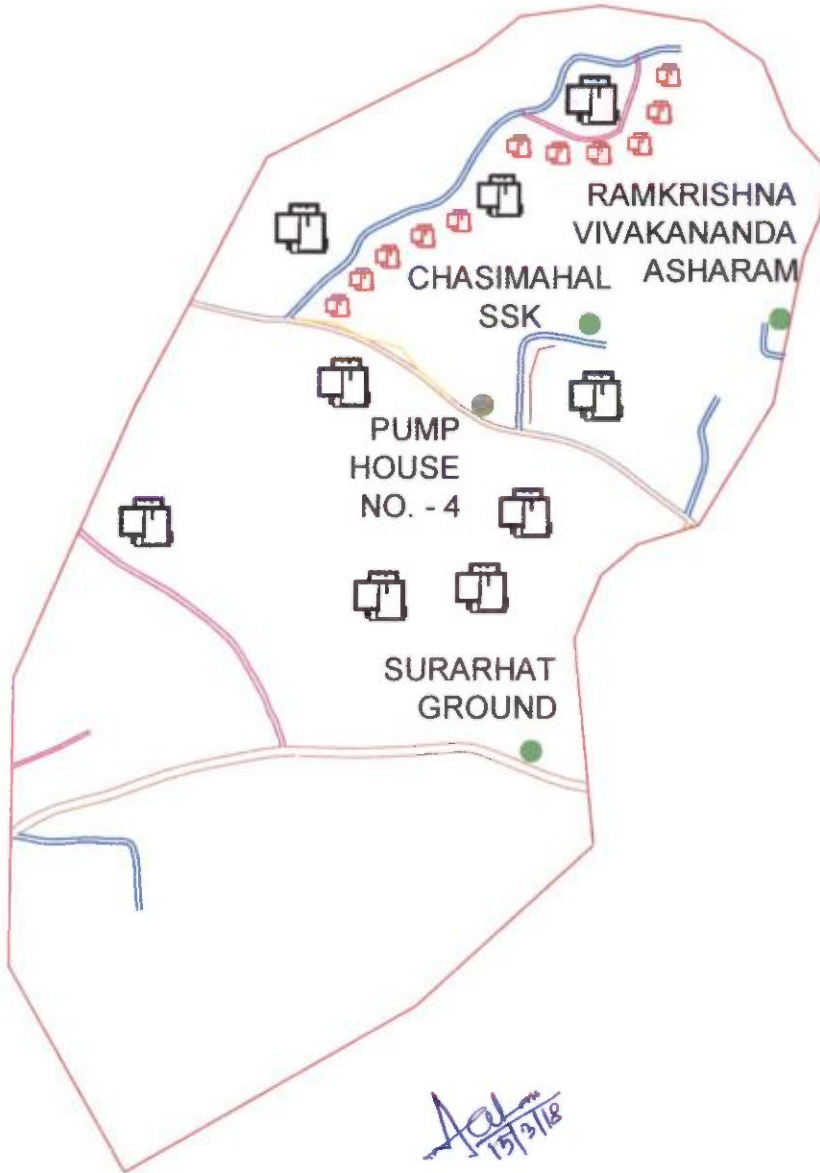
CHANDRAKONA MUNICIPALITY

WARD NO - 06

SLUM NAME : CHASIMAHAL RUIDASPARA & DOMPARA

SLUM NO:- 019

AREA : 22756.00 SQM.



LEGEND

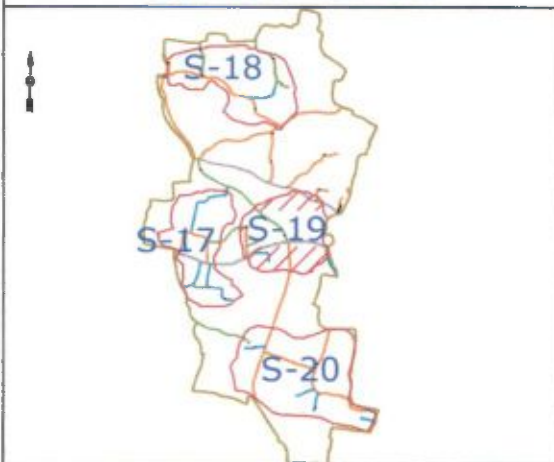
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	🏠
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—

A. J.
15/3/18

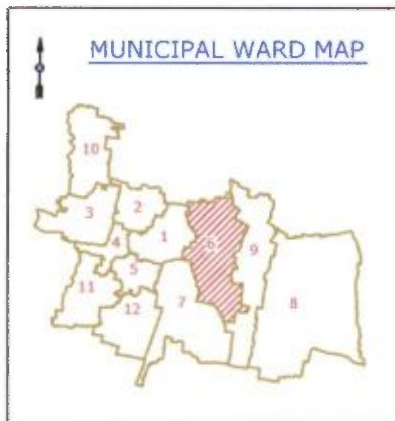
Sub Assistant Engineer,
Chandrakona Municipality

H. P.
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

INDEX MAP OF SLUMS IN WARD-06



MUNICIPAL WARD MAP



CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-06



CHANDRAKONA MUNICIPALITY

WARD NO - 06

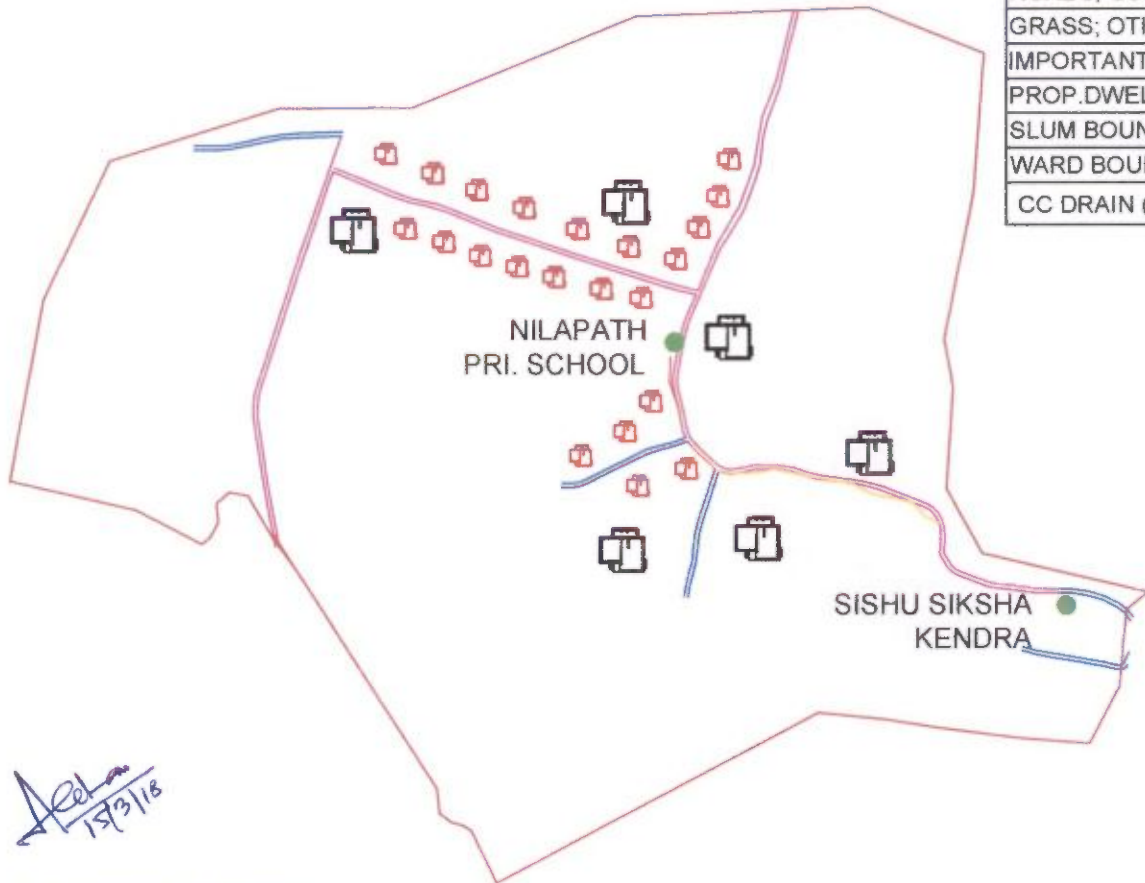
SLUM NAME : NILAPAT

SLUM NO:- 020

AREA : 50972.00 SQM.

LEGEND

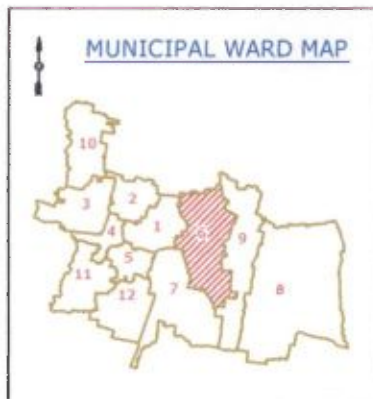
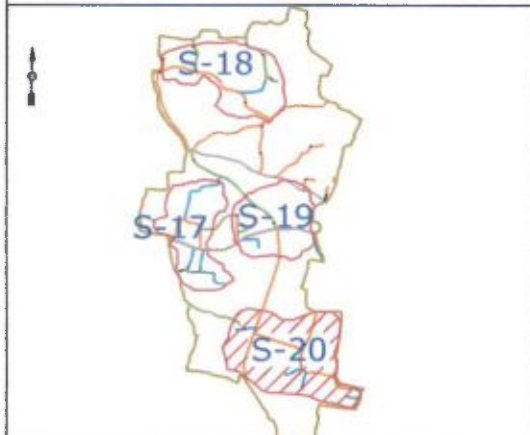
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



Handwritten signature
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

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Handwritten signature
Chairman,
Chandrakona Municipality,
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-06



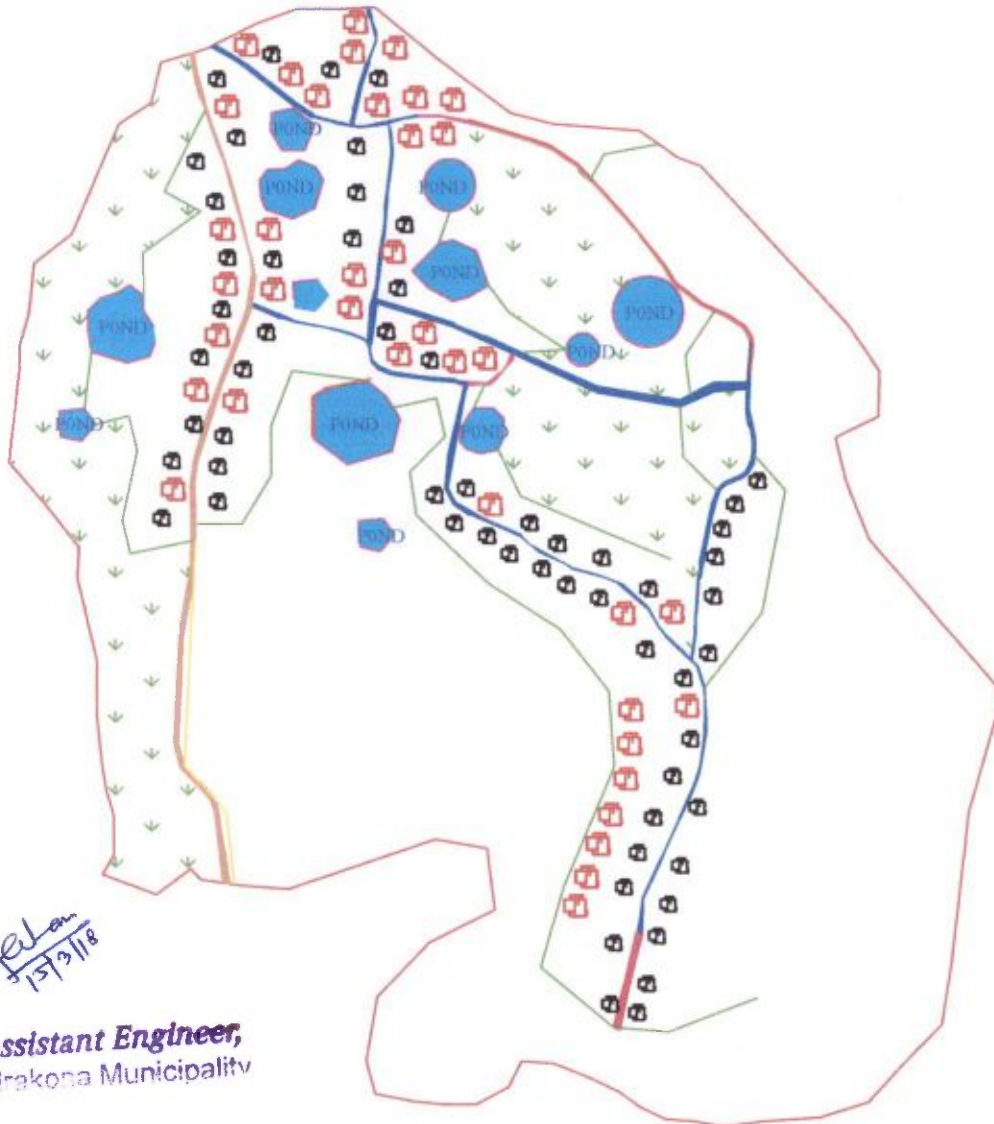
CHANDRAKONA MUNICIPALITY

WARD NO - 07

SLUM NAME : BONA PASCHIMPARA, MAJHERPARA & SADGOPPARA
SLUM NO:- 21
AREA : 208098.0 SQM.

LEGEND

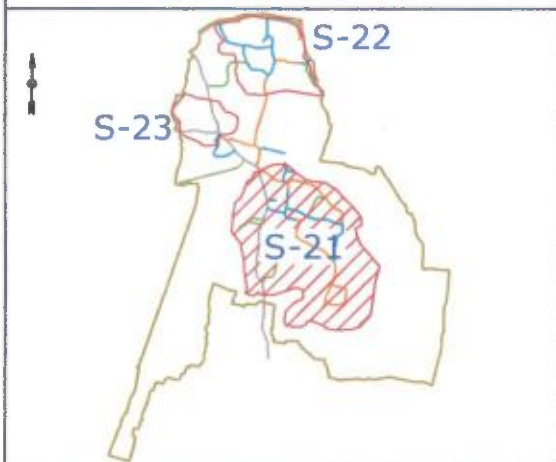
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	⊠
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



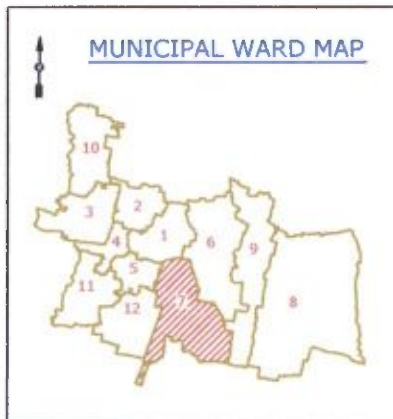
A. L. Das
15/9/18

Sub Assistant Engineer,
Chandrakona Municipality

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MUNICIPAL WARD MAP



M. P. Das
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-07



CHANDRAKONA MUNICIPALITY

WARD NO - 07

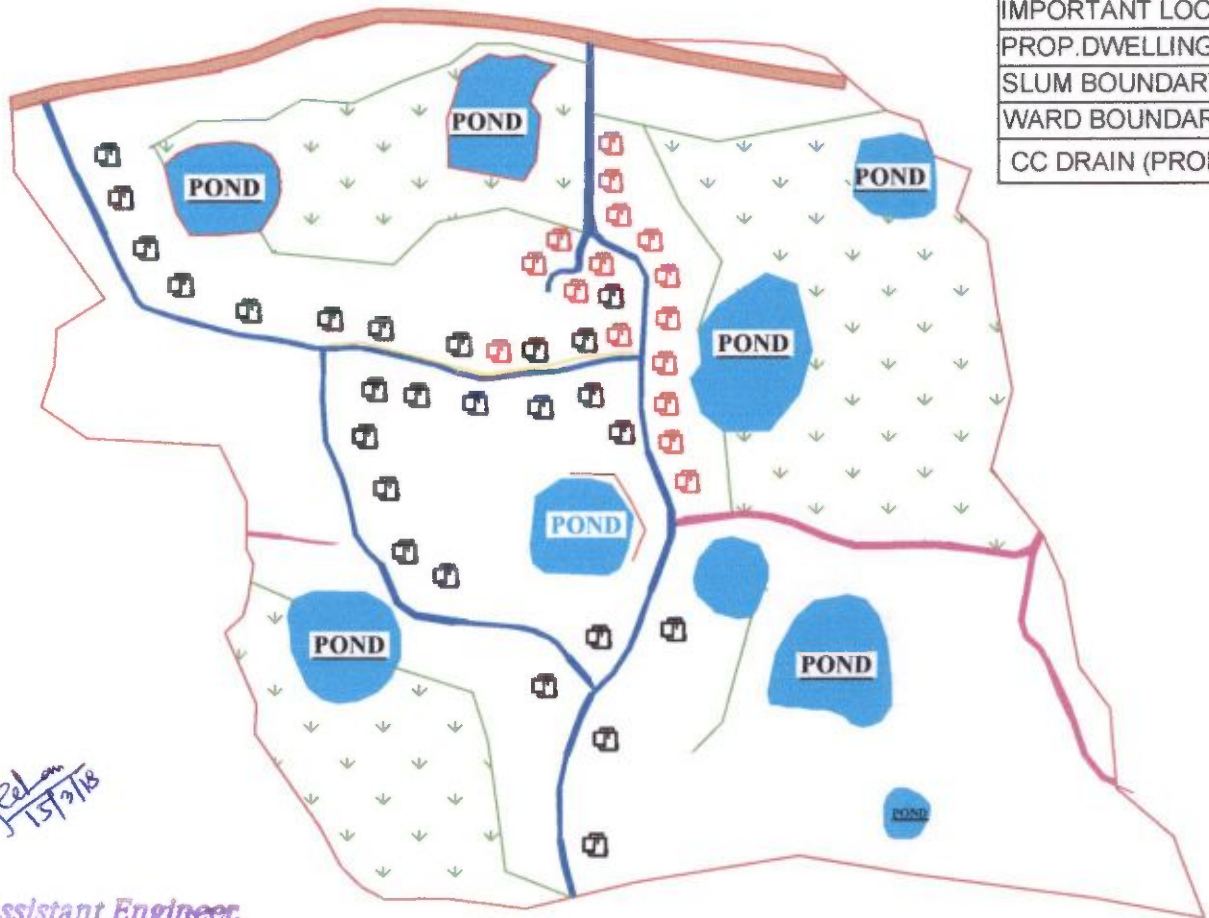
SLUM NAME : GOPALPUR SANTRAPARA & DASPARA

SLUM NO:- 22

AREA : 25827.0 SQM.

LEGEND

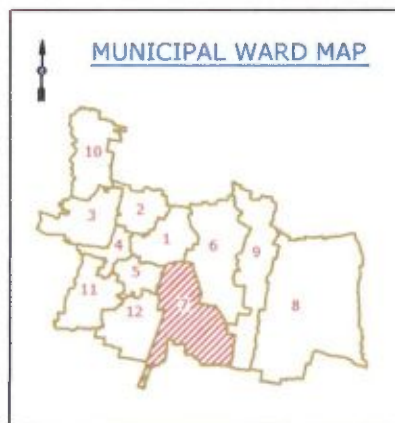
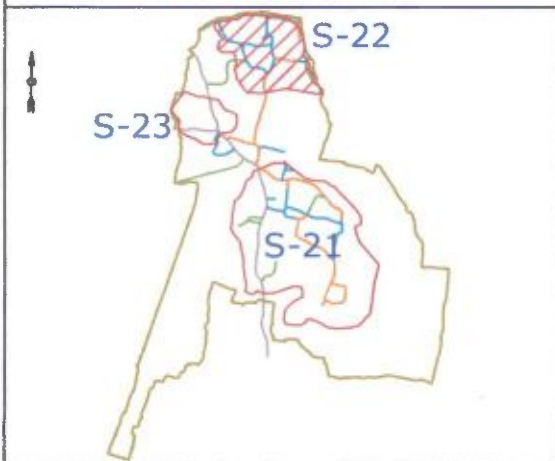
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



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Chairman,
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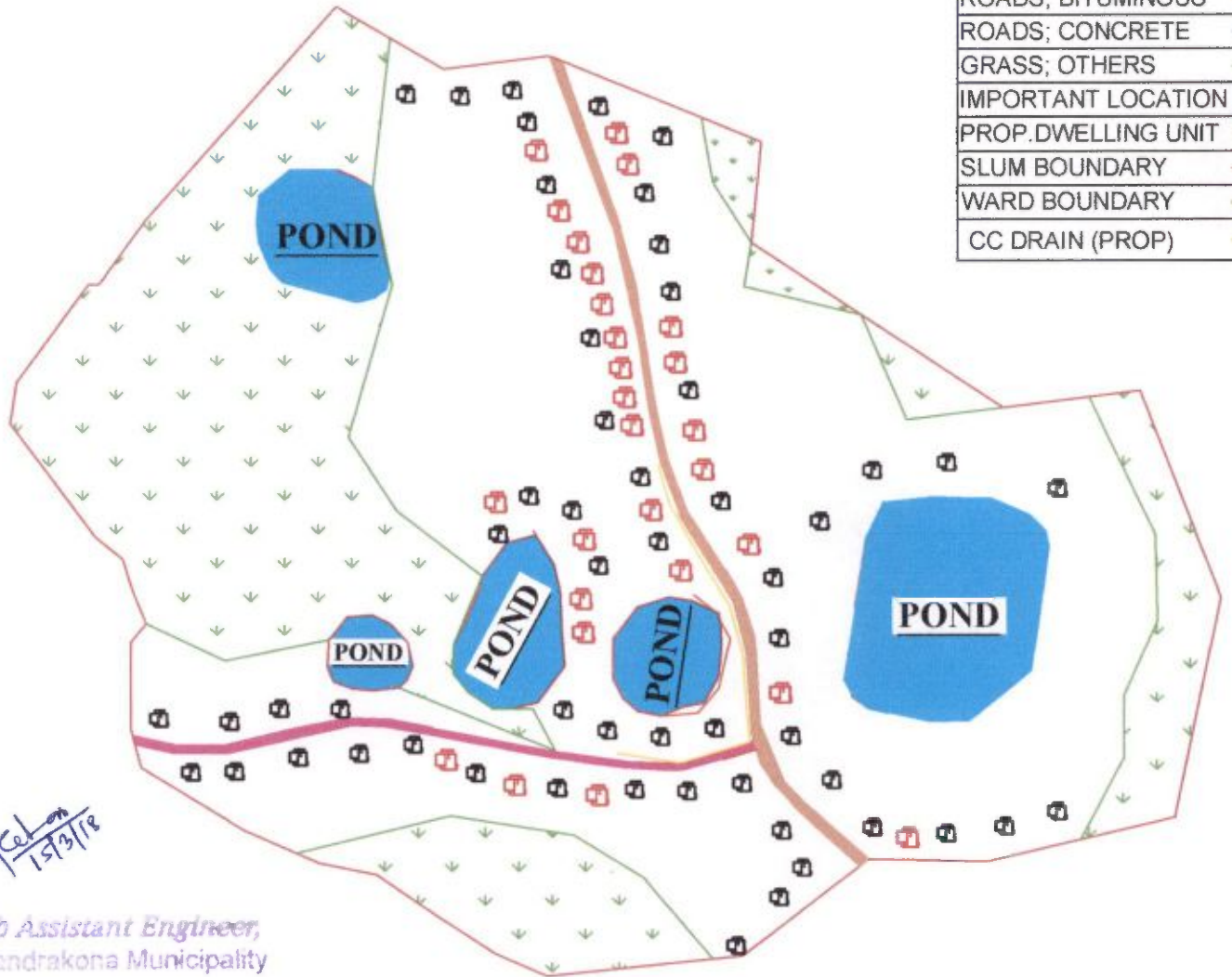
CHANDRAKONA MUNICIPALITY

WARD NO - 07

SLUM NAME : NATUNHAT GHORUIPARA, RUIDASPARA & MAJIPARA
SLUM NO:- 23
AREA : 76632.0 SQM.

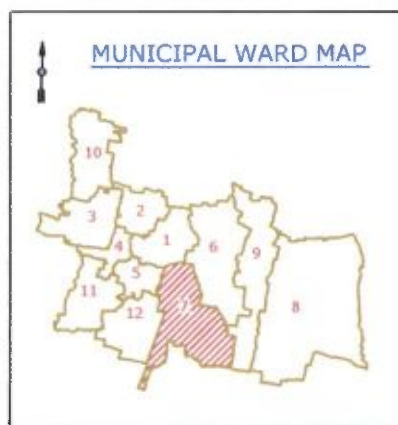
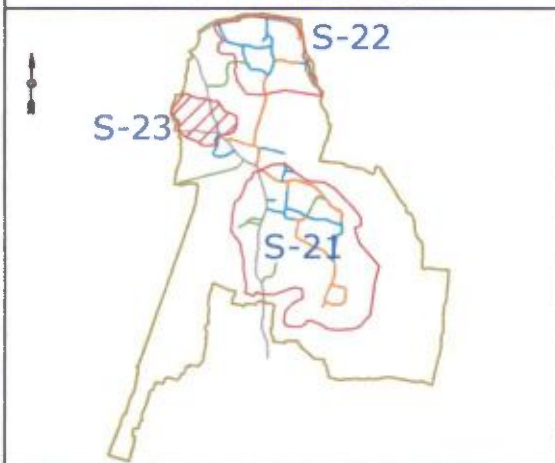
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ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



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WARD NO - 08

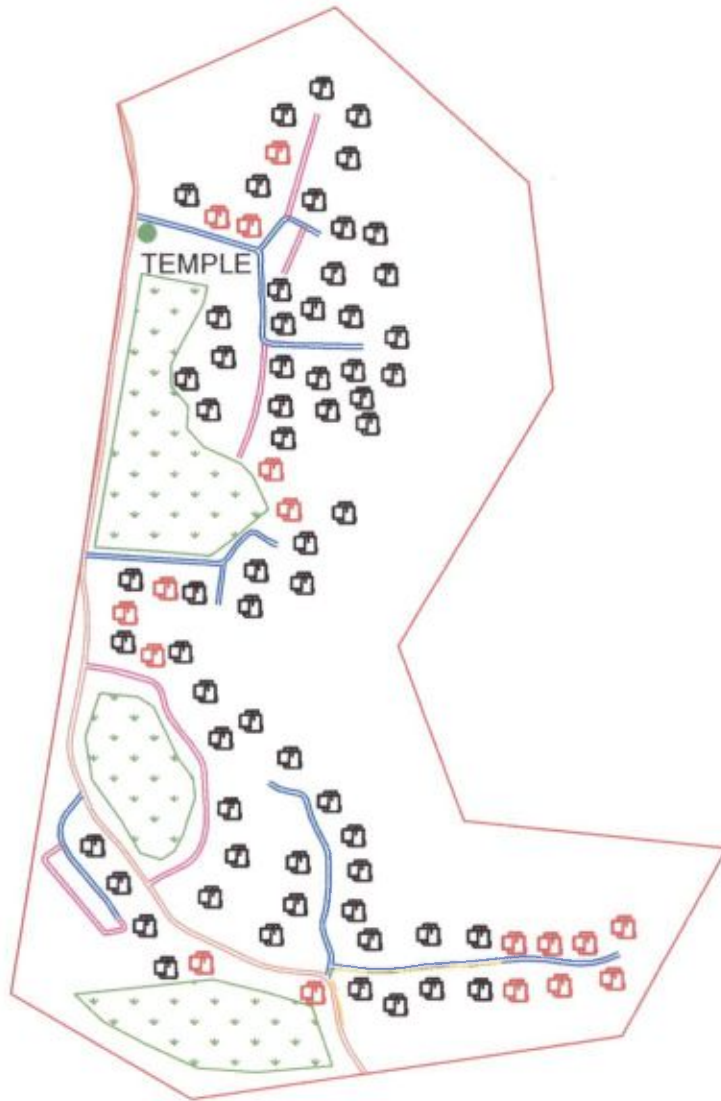
SLUM NAME : JOYANTIPUR BAGANPARA, ADISIPARA, BAGDIPARA & DANGAPARA

SLUM NO:- 024

AREA : 38914.00 SQM.

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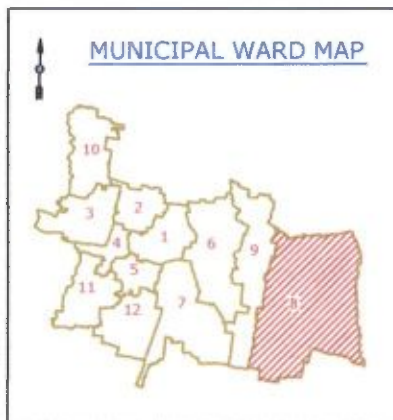
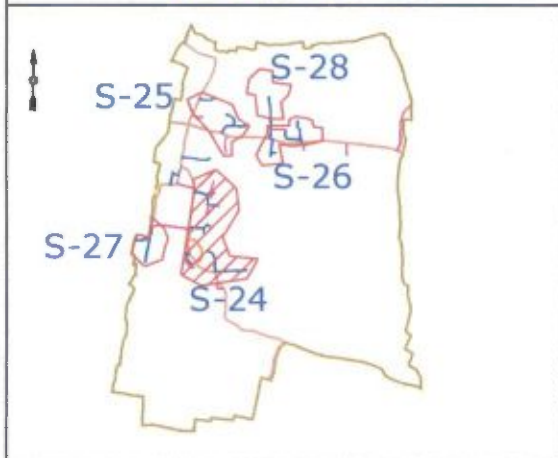
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



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Sub Assistant Engineer,
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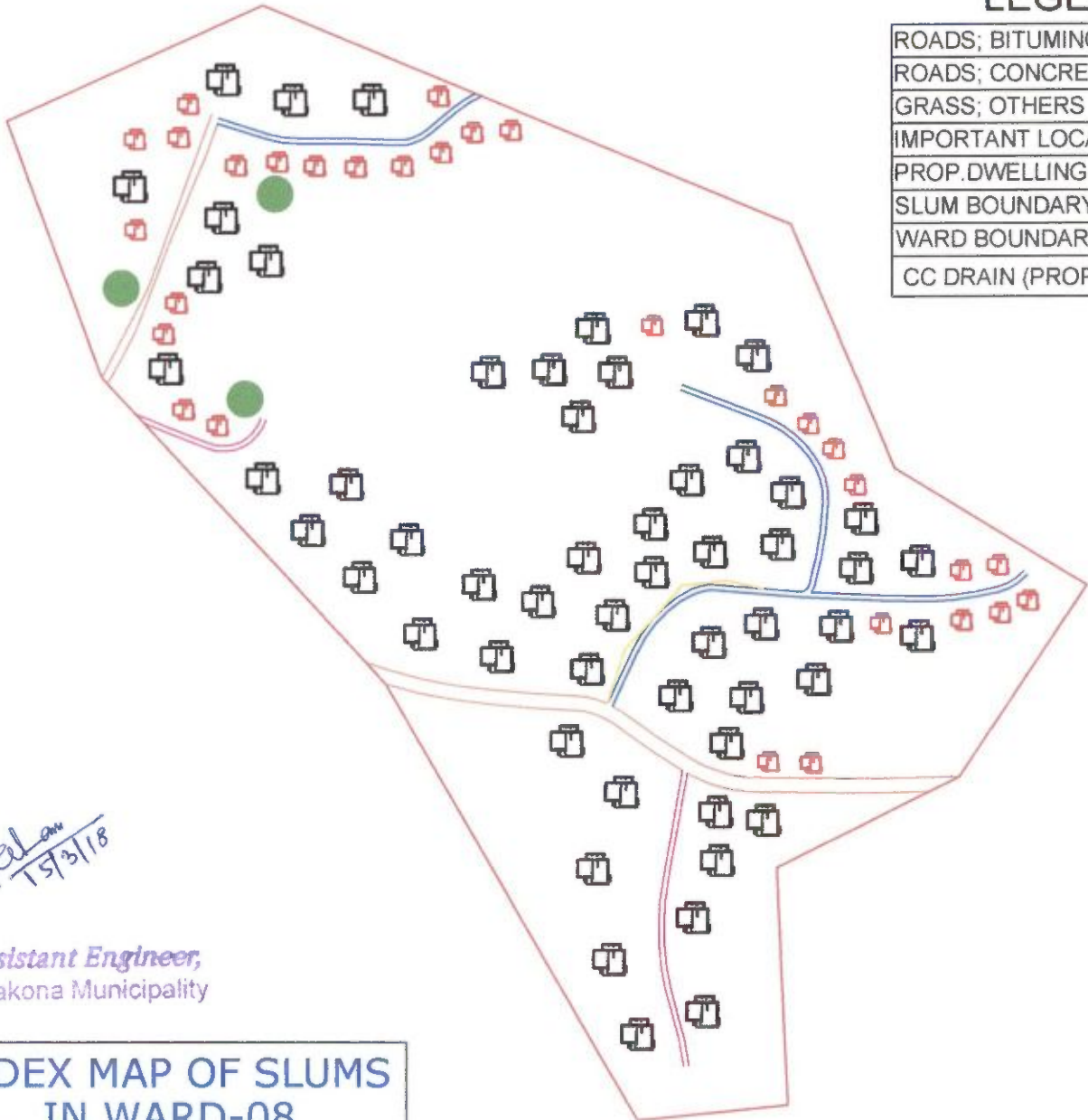
CHANDRAKONA MUNICIPALITY

WARD NO - 08

SLUM NAME : JOYANTIPUR SANTRAPARA & ROYPARA
SLUM NO:- 025
AREA : 41238.00 SQM.

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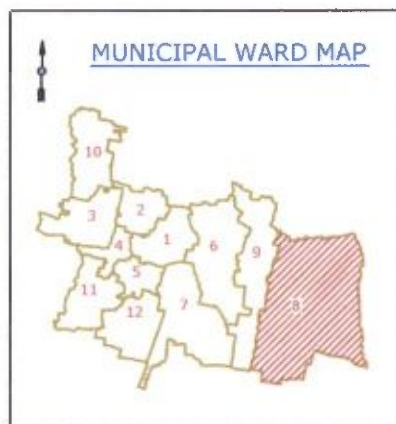
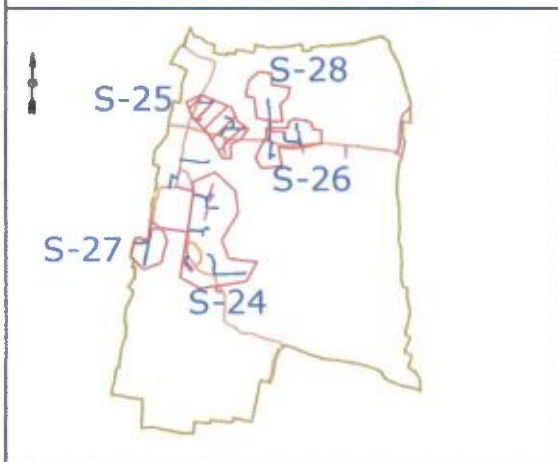
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



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WARD NO - 08

SLUM NAME : KHEJURDANGA KOTALPARA

SLUM NO:- 026

AREA :36860.00 SQM.

LEGEND

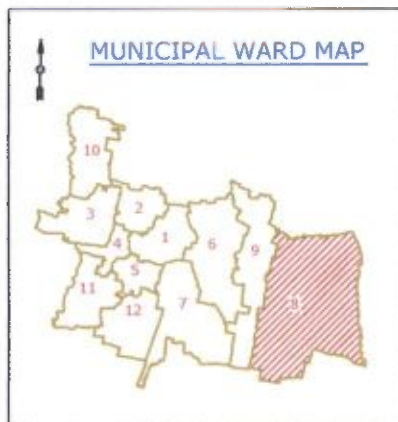
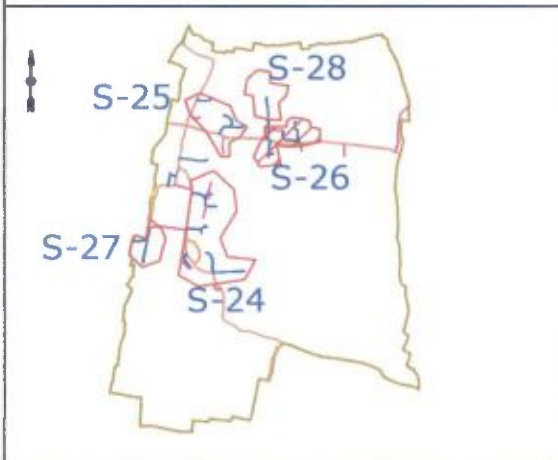
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	🏠
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



A. Chelam
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Chandrakona Municipality*



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CHANDRAKONA MUNICIPALITY

WARD NO - 08

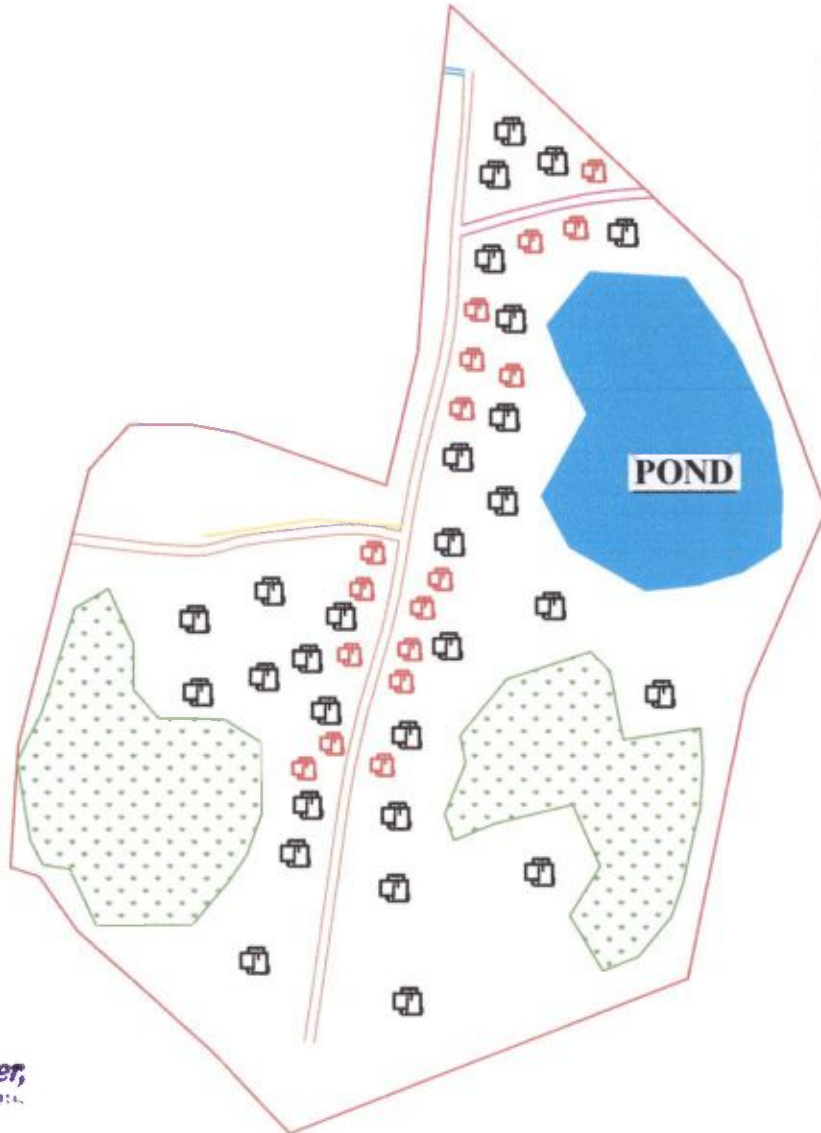
SLUM NAME : DALMADAL MAJIPARA & ADIBASIPARA

SLUM NO:- 027

AREA :26146.00 SQM.

LEGEND

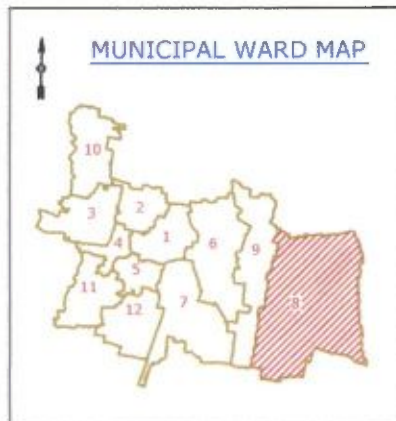
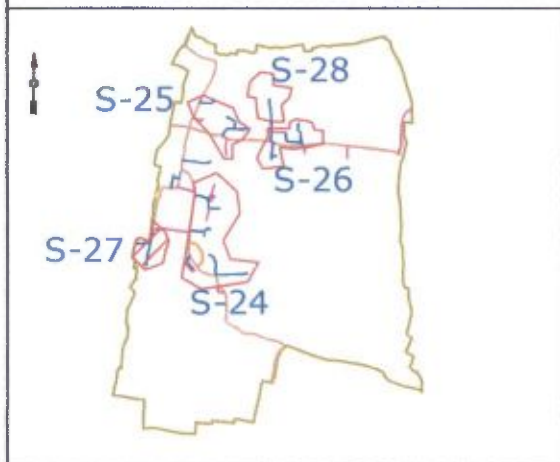
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



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CHANDRAKONA MUNICIPALITY

WARD NO - 08

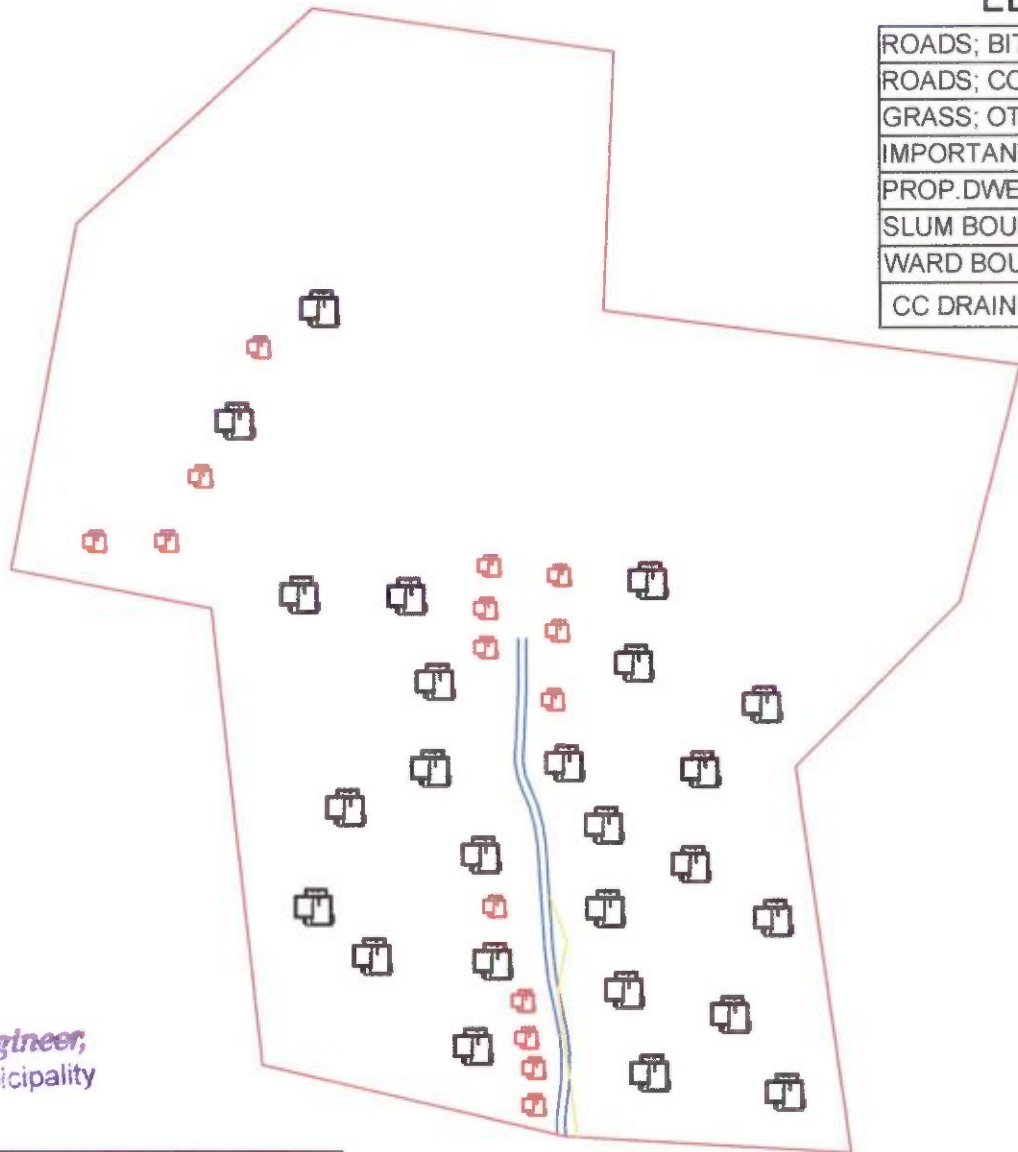
SLUM NAME : JOYANTIPUR TANTIPARA

SLUM NO:- 028

AREA : 21490.00 SQM.

LEGEND

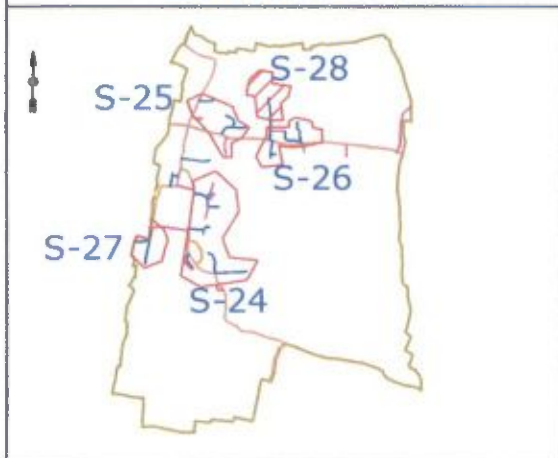
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



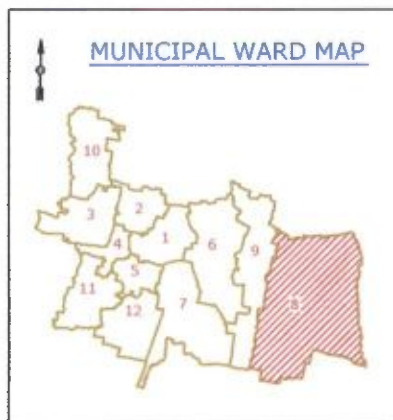
A. S. Das
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

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MUNICIPAL WARD MAP



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Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
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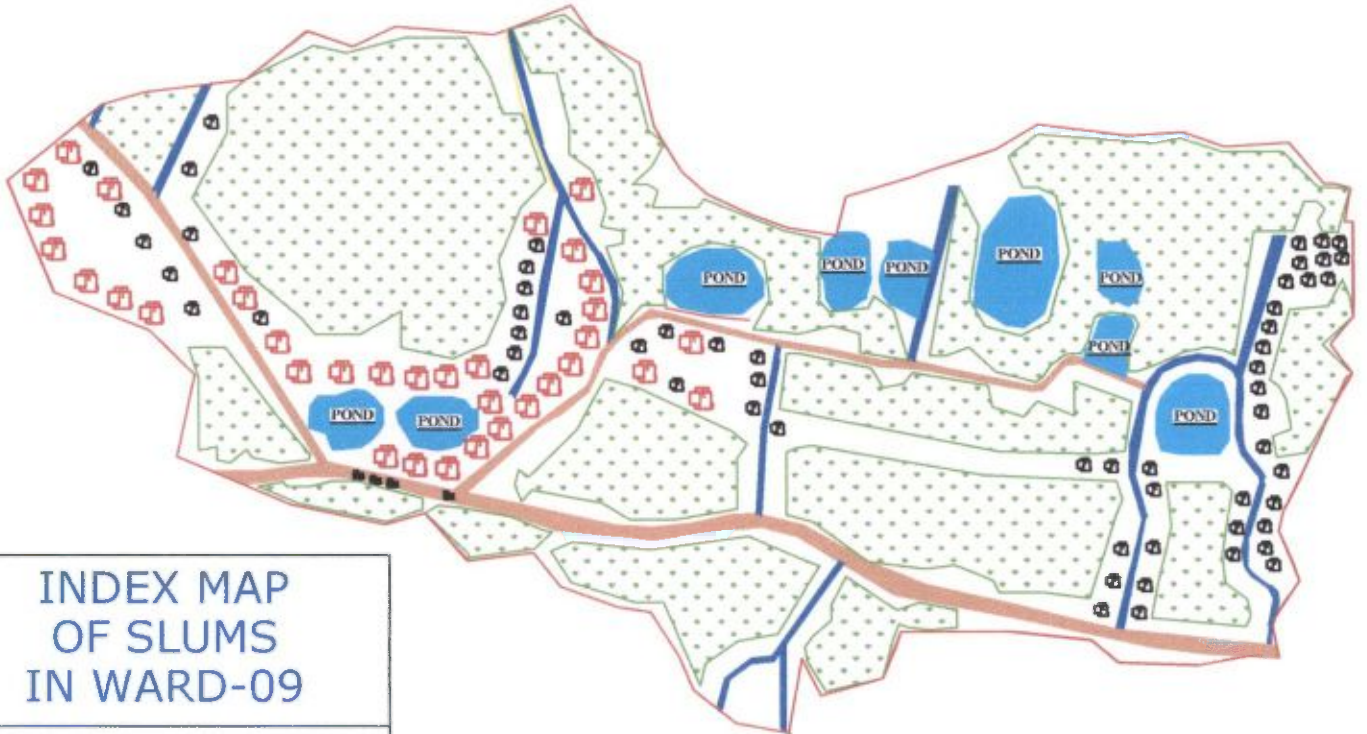
CHANDRAKONA MUNICIPALITY

WARD NO - 09

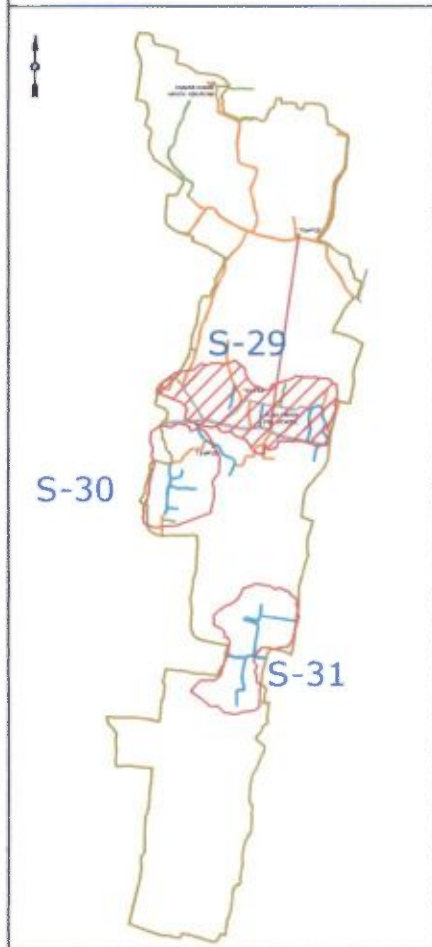
SLUM NAME : RAMGANJA MAJHIPARA, BHUNIAPARA, KOTALPARA, KAMARGANJA MUSLIMPARA, HANRIPARA & BASTIPARA.

SLUM NO:- 29

AREA : 160375.0 SQM.



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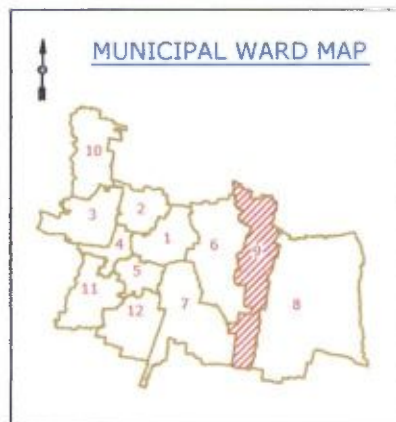


Adarsh
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Sub Assistant Engineer,
Chandrakona Municipality

LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



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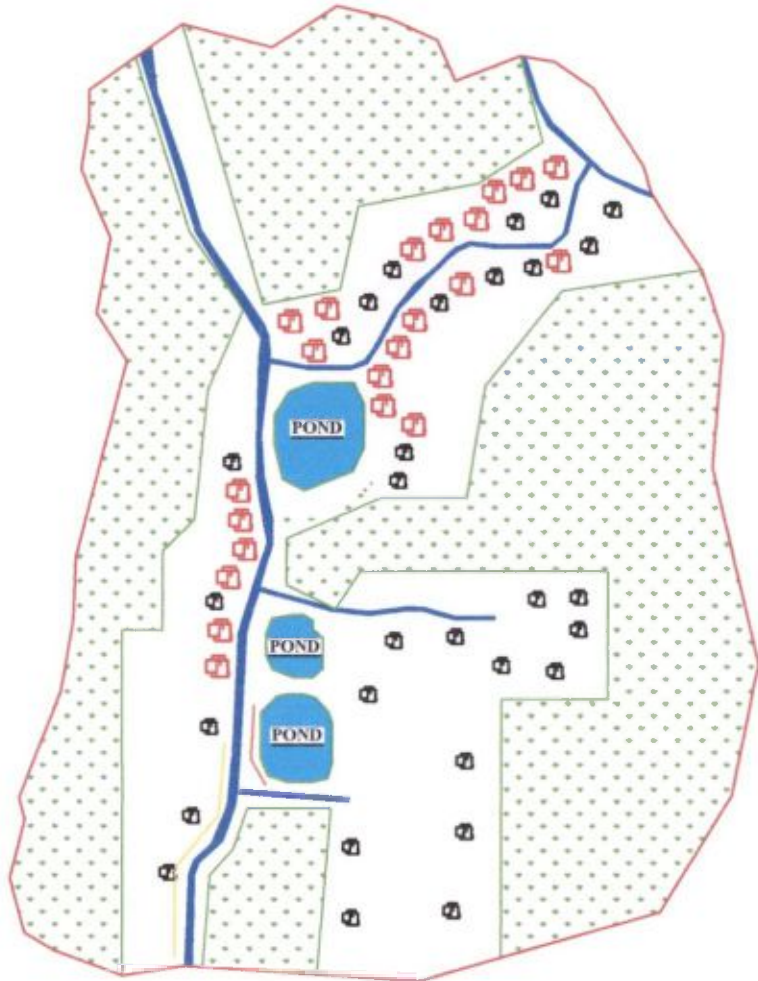
CHANDRAKONA MUNICIPALITY

WARD NO - 09

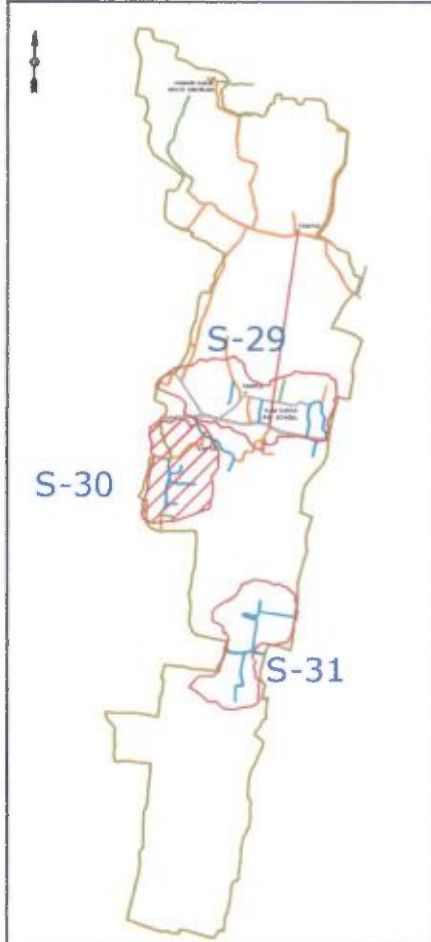
SLUM NAME : MANPUR ADIBASIPRA, HATIPARA & RASHIKANANDAPUR.

SLUM NO:- 30

AREA : 43042.0 SQM.

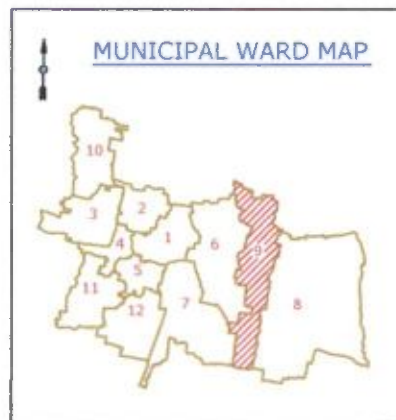


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LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	⊙
PROP.DWELLING UNIT	⊠
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—

Chairman
Chairman,
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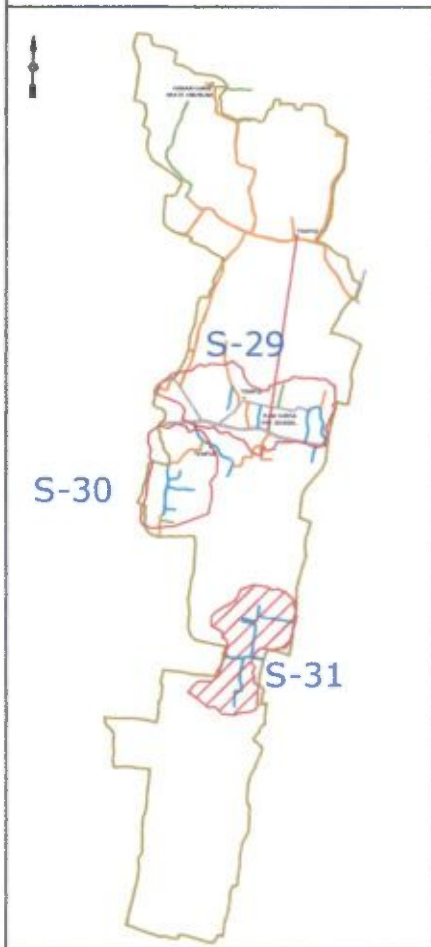
SLUM NAME : DALMADAL MAJIPARA

SLUM NO:- 31

AREA : 43196.0 SQM.



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LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—

Academy
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Sub Assistant Engineer,
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MUNICIPAL WARD MAP



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CHANDRAKONA MUNICIPALITY

WARD NO - 10

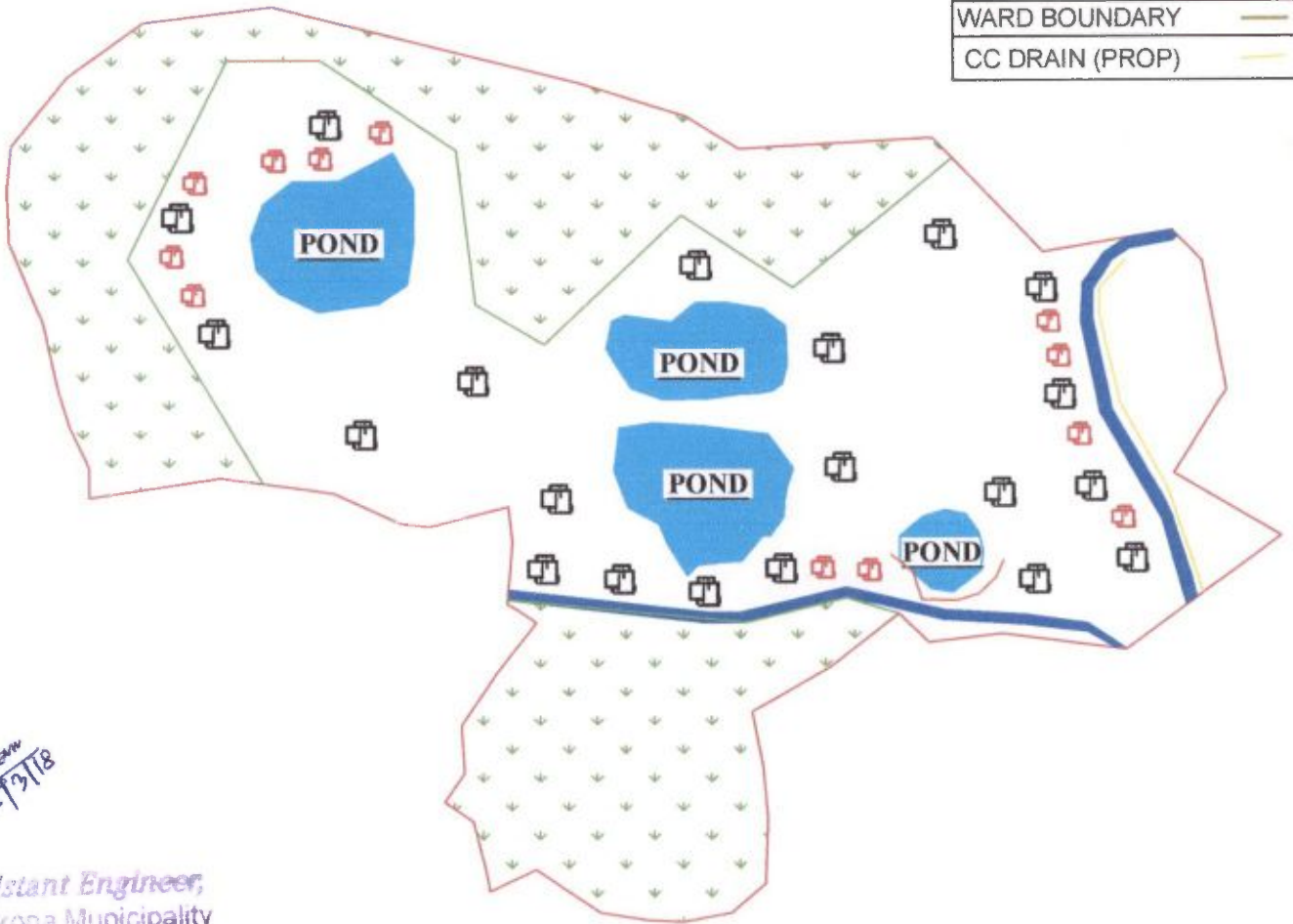
SLUM NAME : JAGINA DOMPARA & SHYAMNAGAR ROYPARA

SLUM NO:- 032

AREA : 9854 SQM.

LEGEND

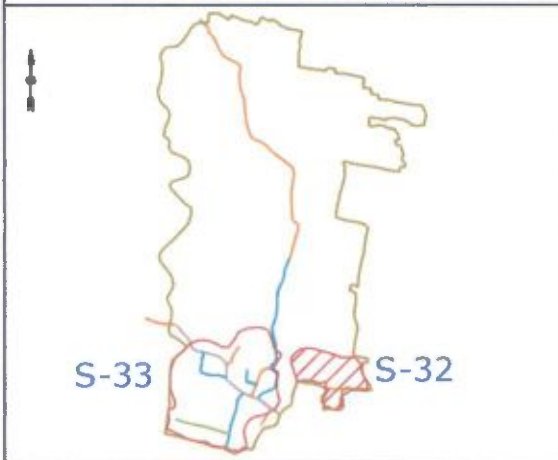
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



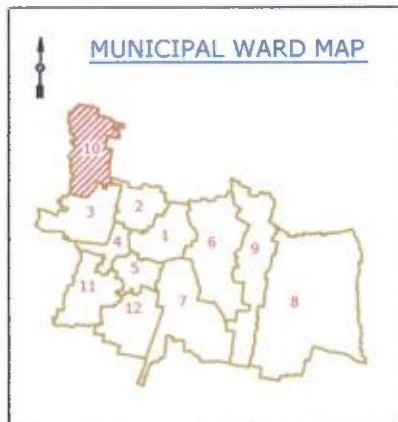
Aeolow
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Chandrakona Municipality

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MUNICIPAL WARD MAP



H.S.L.
Chairman,
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SLUM NAME : RAMRANGI BAURIPARA, MADHABPUR BAURIPARA & AJODHYA SCHOOLPARA

SLUM NO:- 033

AREA : 44357.0 SQM.

LEGEND

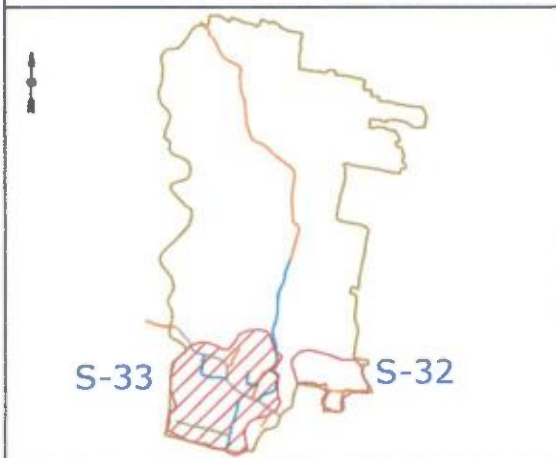
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



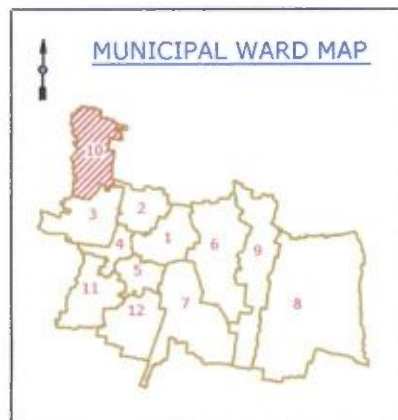
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Chandrakona Municipality

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Chairman,
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CHANDRAKONA MUNICIPALITY

WARD NO - 11

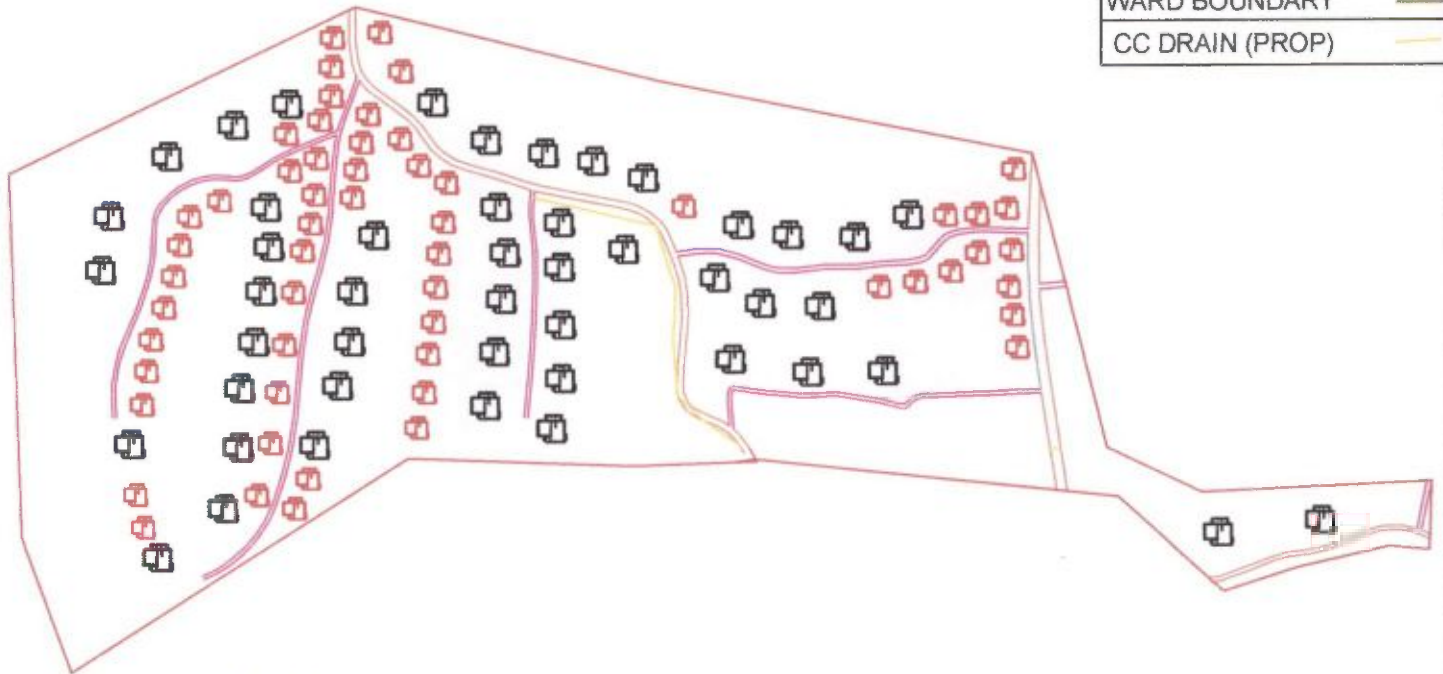
SLUM NAME : DAKSHINBAZAR DOLOIPARA, DASPARA & CHOWRAPARA

SLUM NO:- 034

AREA : 75798.000 SQM.

LEGEND

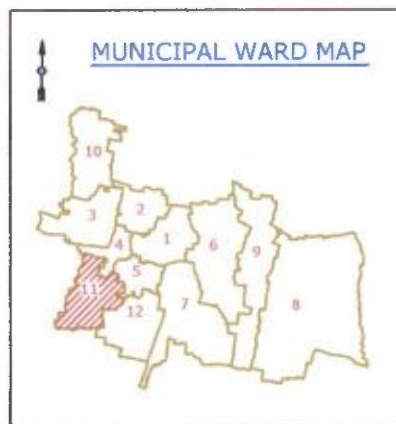
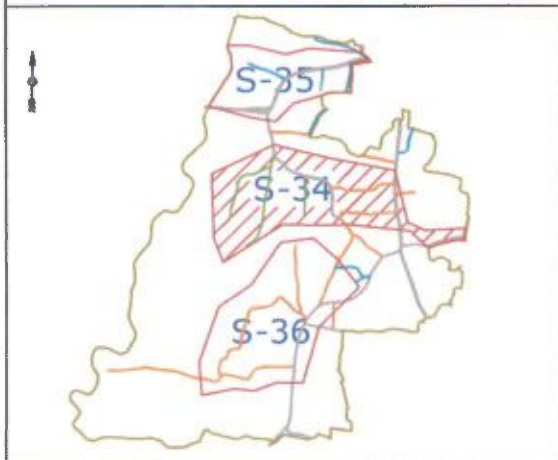
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



A. S. Das
15/11/22

Sub Assistant Engineer,
Chandrakona Municipality

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CHANDRAKONA MUNICIPALITY

WARD NO - 11

SLUM NAME : GOPSAI NAMAPARA, BERAPARA & PRESSPARA

SLUM NO:- 035

AREA : 59582.000 SQM.

LEGEND

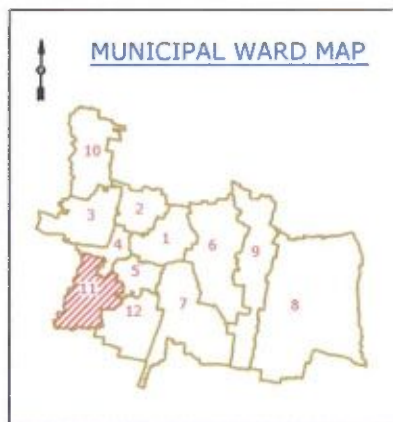
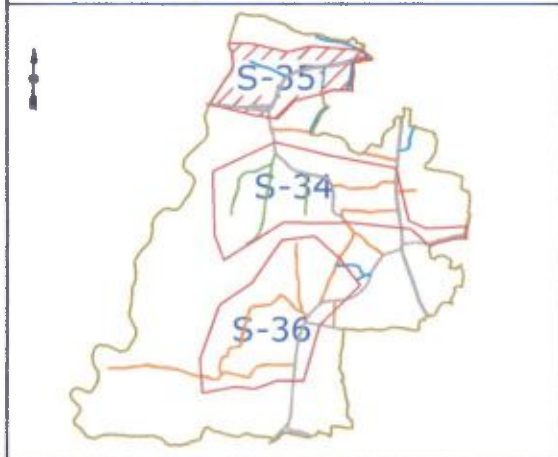
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ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



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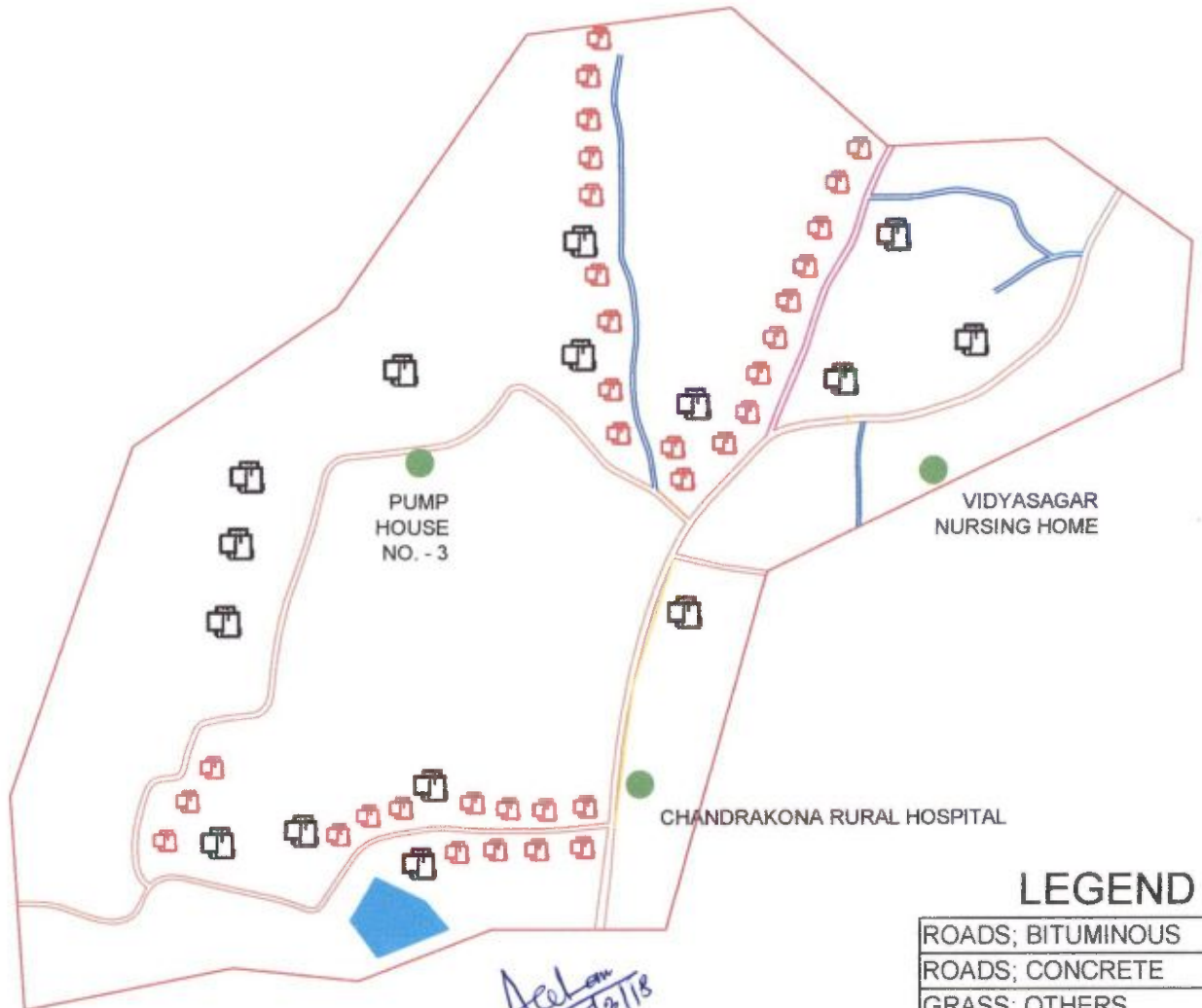
CHANDRAKONA MUNICIPALITY

WARD NO - 11

SLUM NAME : LALSAGAR UTTARPARA & DAKSHINPARA

SLUM NO:- 036

AREA : 33319.000 SQM.



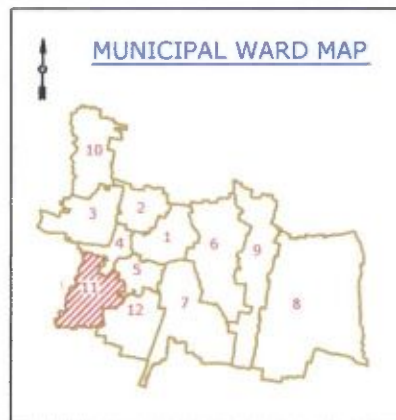
LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—

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WARD NO - 12

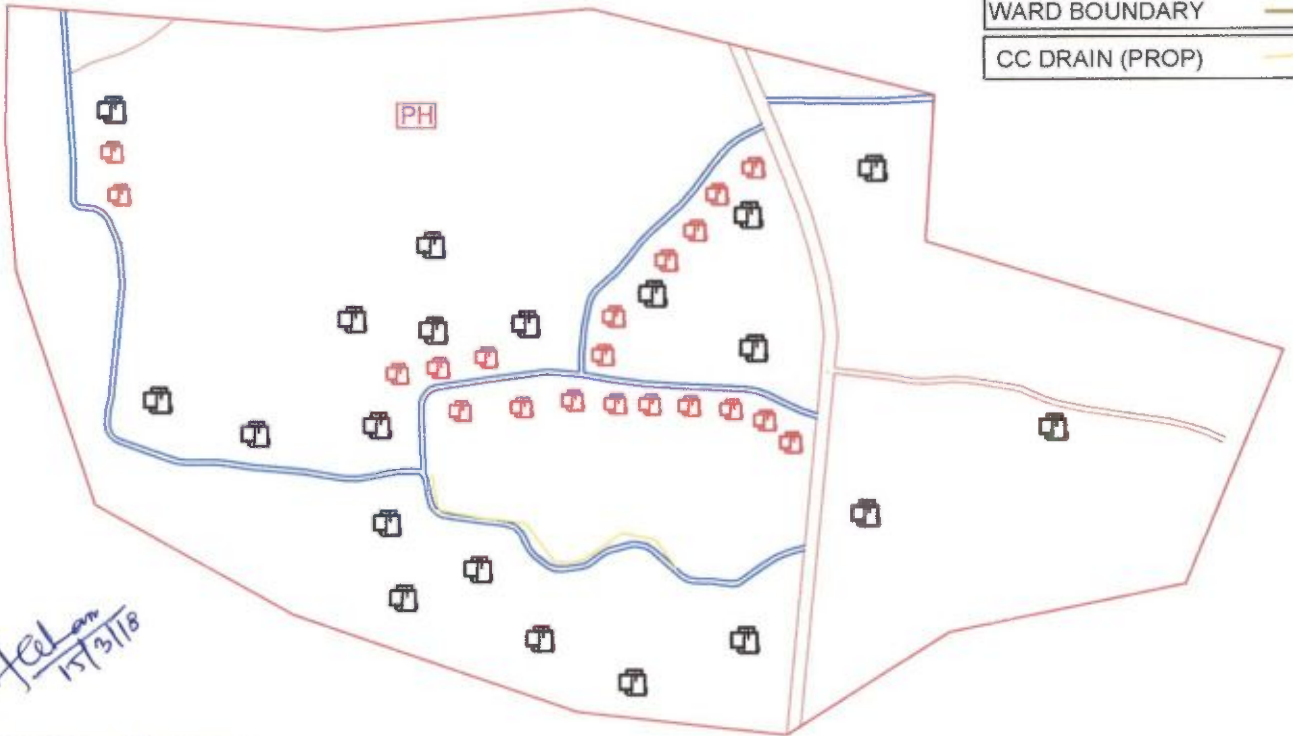
SLUM NAME : PARAIMA MAJIPARA, BHATPUKUR
MUSLIMPARA & ADIBASIPARA

SLUM NO:- 037

AREA : 43997.000 SQM.

LEGEND

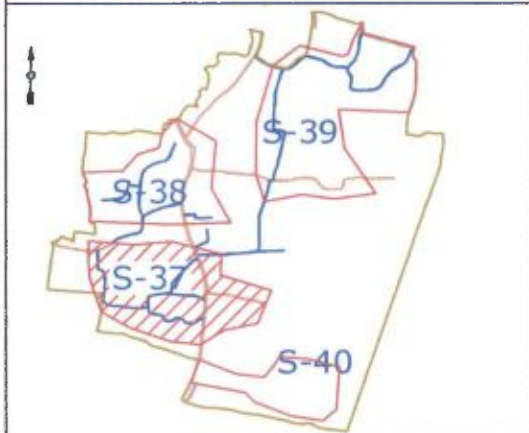
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP.DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



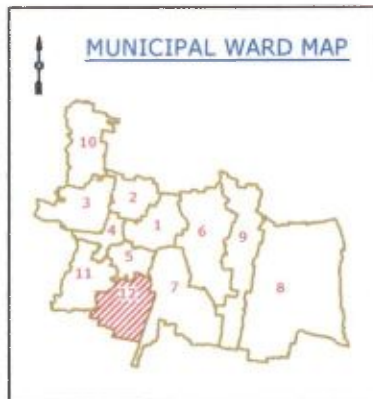
Handwritten signature
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CHANDRAKONA MUNICIPALITY

WARD NO - 12

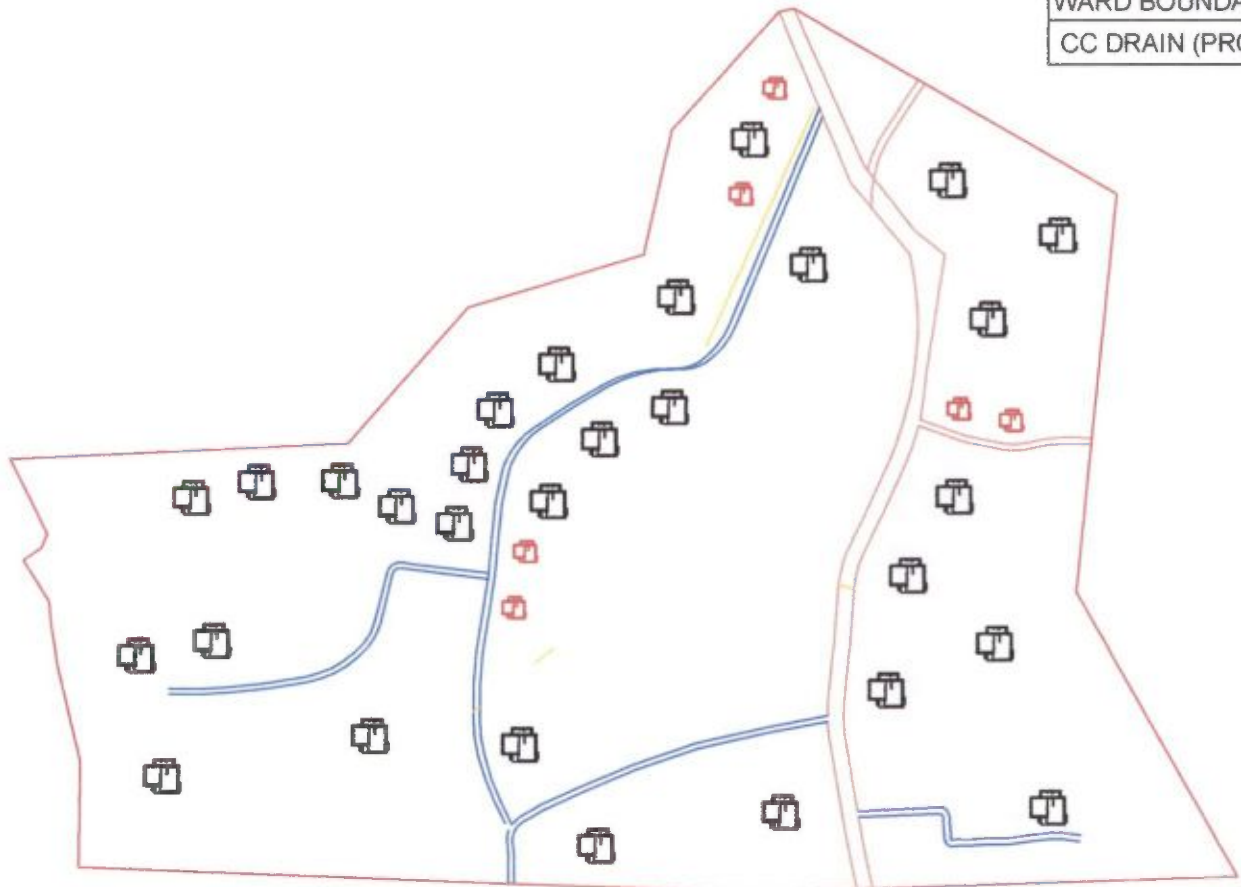
SLUM NAME : MALLESWARPUR MAJIPARA & ADIBASIPARA

SLUM NO:- 038

AREA : 15479.000 SQM.

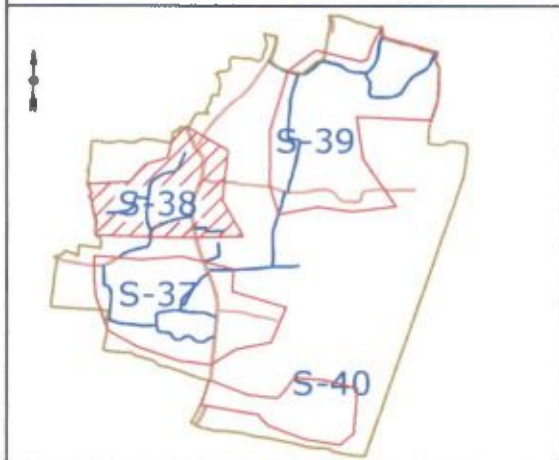
LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



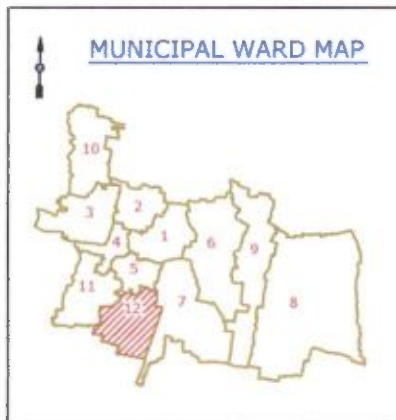
Signature
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Chandrakona Municipality

MUNICIPAL WARD MAP



Signature
Chairman,
Chandrakona Municipality,
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-12



CHANDRAKONA MUNICIPALITY

WARD NO - 12

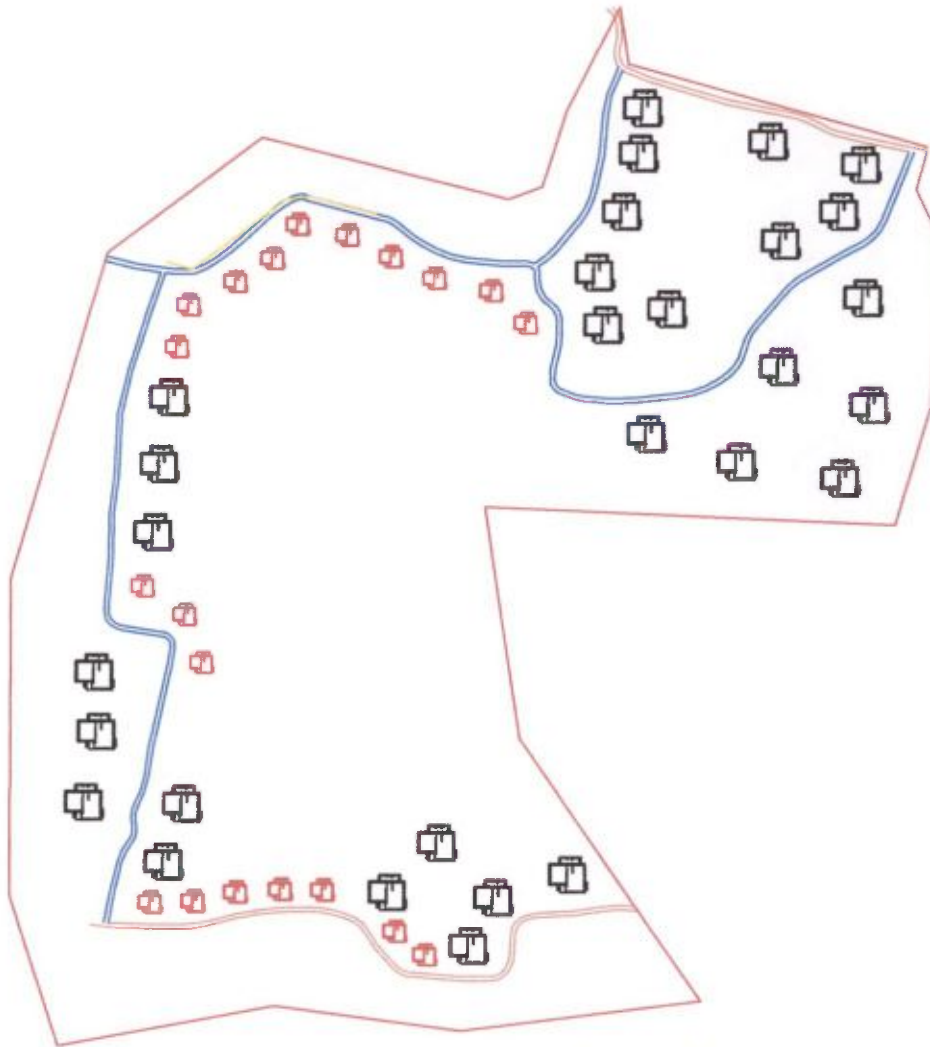
SLUM NAME : BHEYERBAZAR MUSLIMPARA, RUIDASPARA, ADIBASIPARA & KALABERH ADIBASIPARA

SLUM NO:- 039

AREA : 49887.000 SQM.

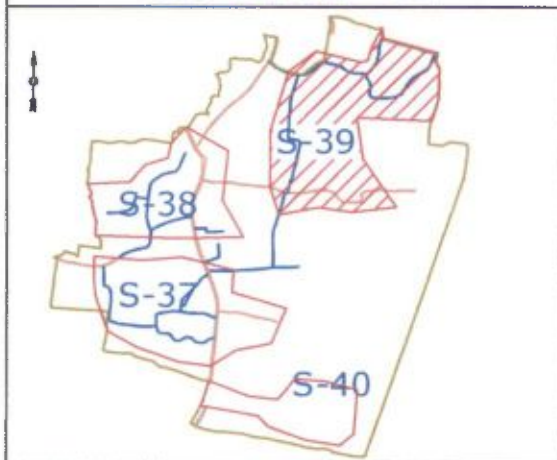
LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



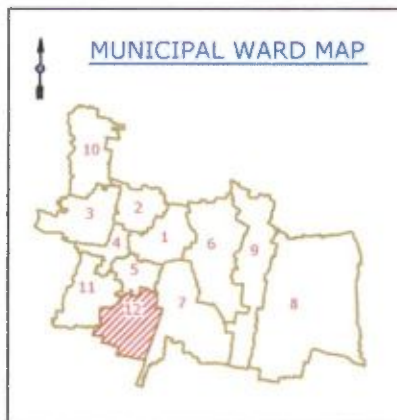
A. S. L.
15/7/12

INDEX MAP OF SLUMS IN WARD-12



Sub Assistant Engineer,
Chandrakona Municipality

MUNICIPAL WARD MAP



J. S. L.
Chairman.
Chandrakona Municipality,
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-12



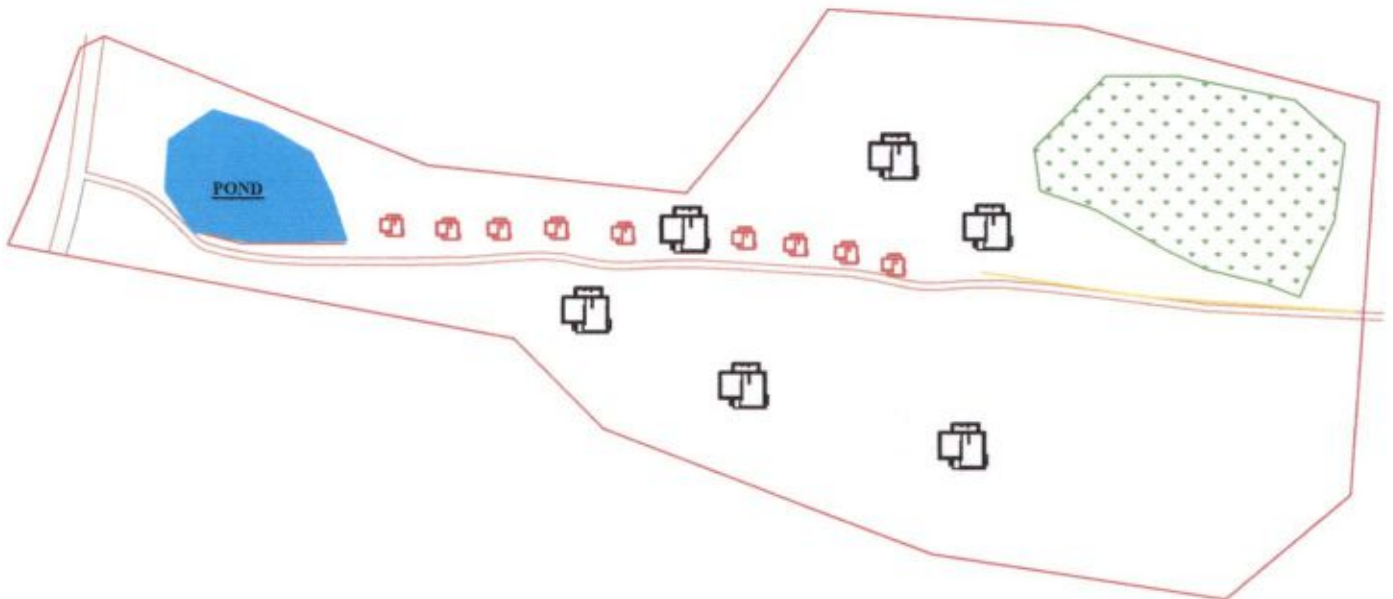
CHANDRAKONA MUNICIPALITY

WARD NO - 12

SLUM NAME : BABURBERH
SLUM NO:- 040
AREA : 9302.000 SQM.

LEGEND

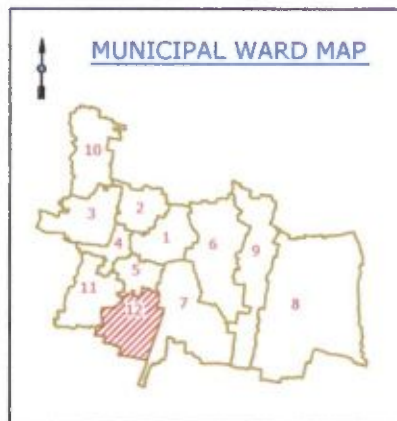
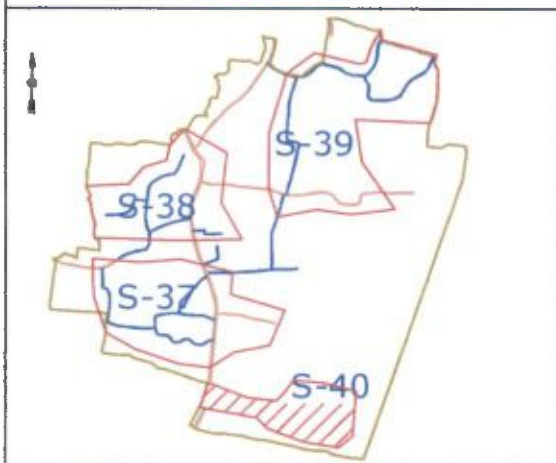
ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—



Aal
15/11/18

Sub Assistant Engineer,
Chandrakona Municipality

INDEX MAP OF SLUMS IN WARD-12



Chairman
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

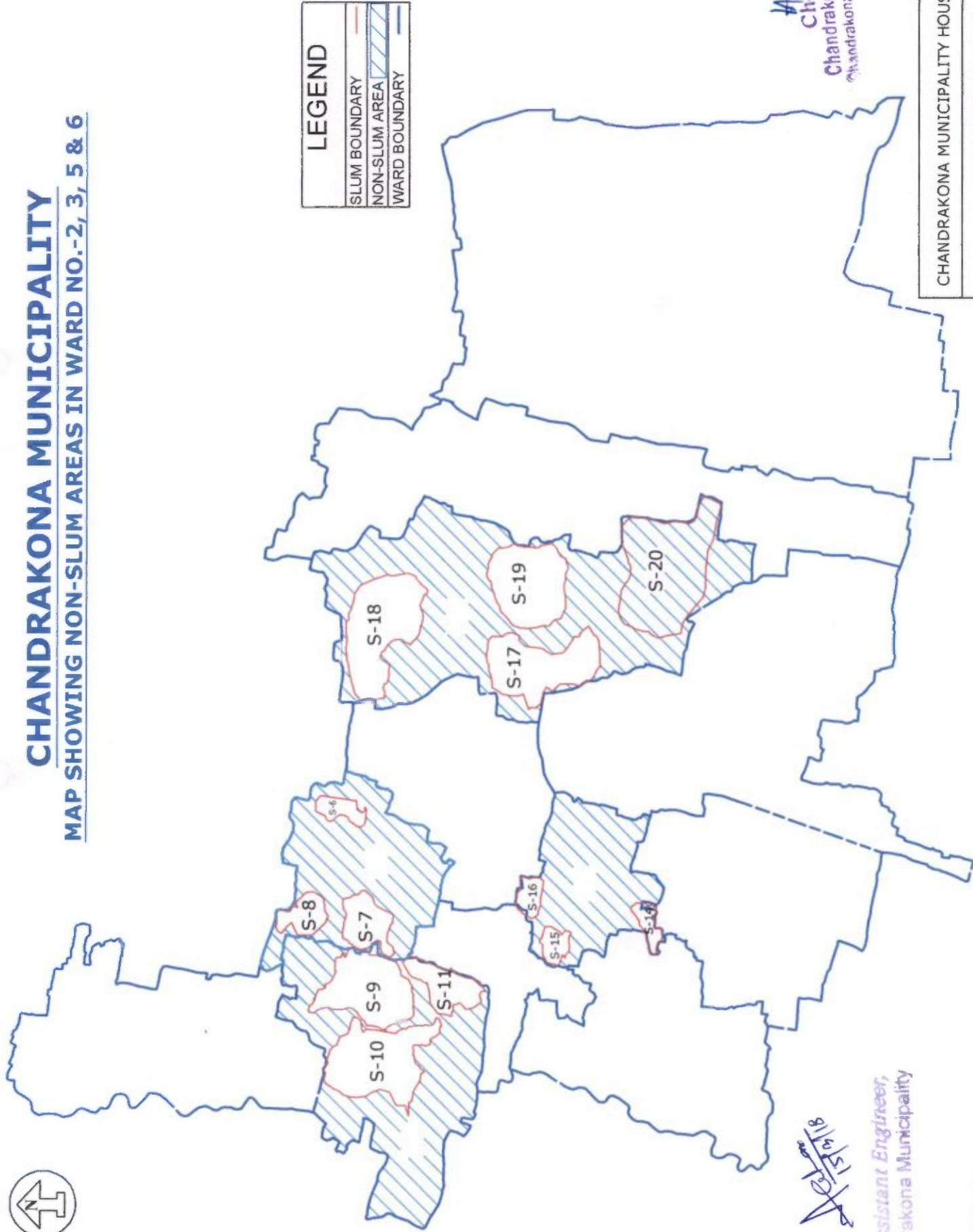
CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-12



CHANDRAKONA MUNICIPALITY

MAP SHOWING NON-SLUM AREAS IN WARD NO.-2, 3, 5 & 6



LEGEND	
	SLUM BOUNDARY
	NON-SLUM AREA
	WARD BOUNDARY

15/11/18
[Signature]

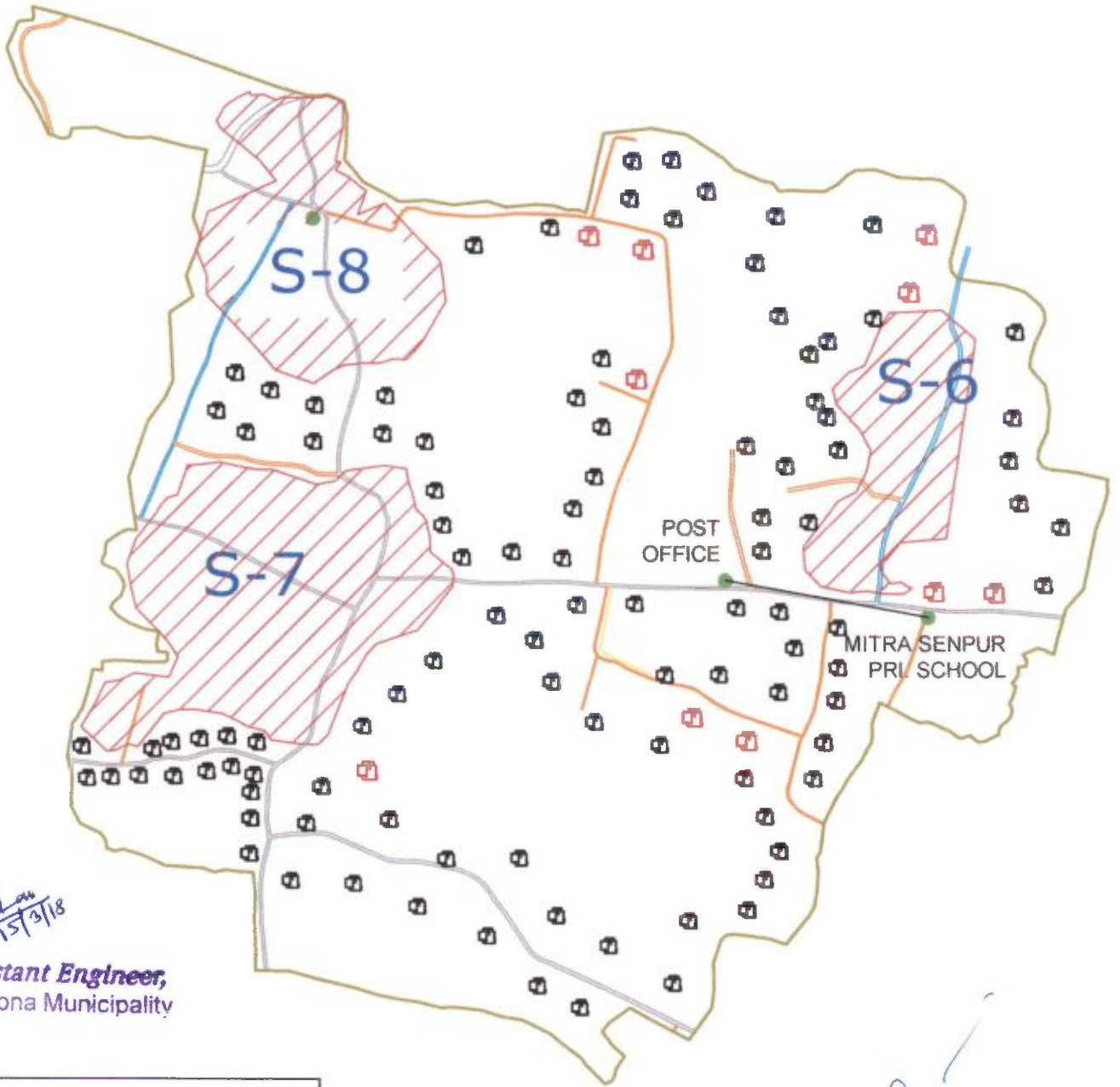
Sub Assistant Engineer,
Chandrakona Municipality

[Signature]
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur



CHANDRAKONA MUNICIPALITY

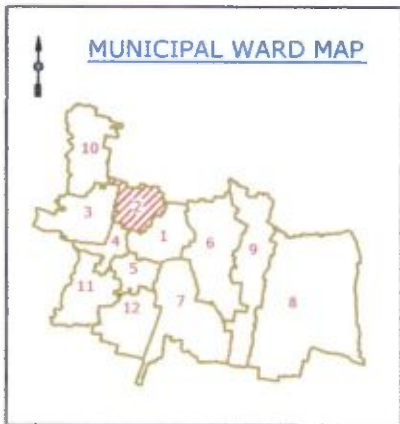
NON-SLUM AREA IN WARD NO.-2



Aeel
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

Chairman
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur



LEGEND

ROADS; BITUMINOUS	
ROADS; CONCRETE	
GRASS; OTHERS	
IMPORTANT LOCATION	
PROP. DWELLING UNIT	
SLUM BOUNDARY	
WARD BOUNDARY	
CC DRAIN (PROP)	

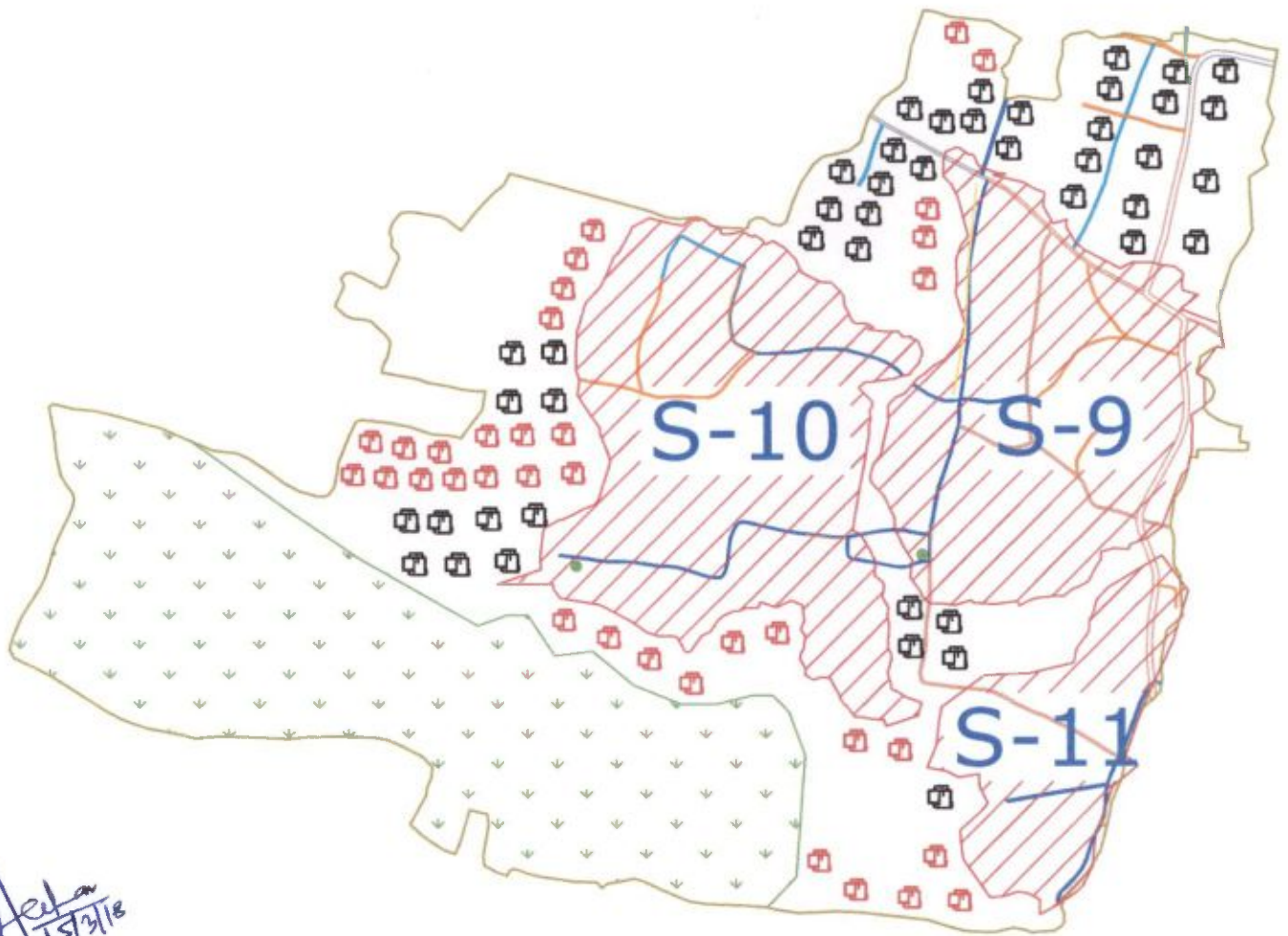
CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-02



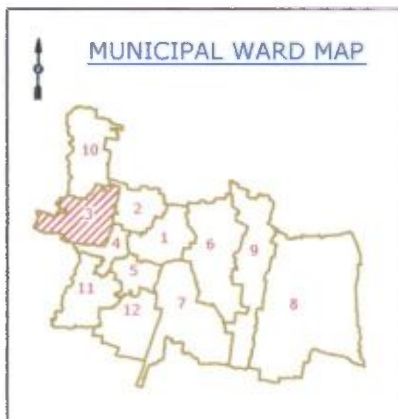
CHANDRAKONA MUNICIPALITY

NON-SLUM AREA IN WARD NO.-3



Aeta
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality



LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	■
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—

M.A.
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

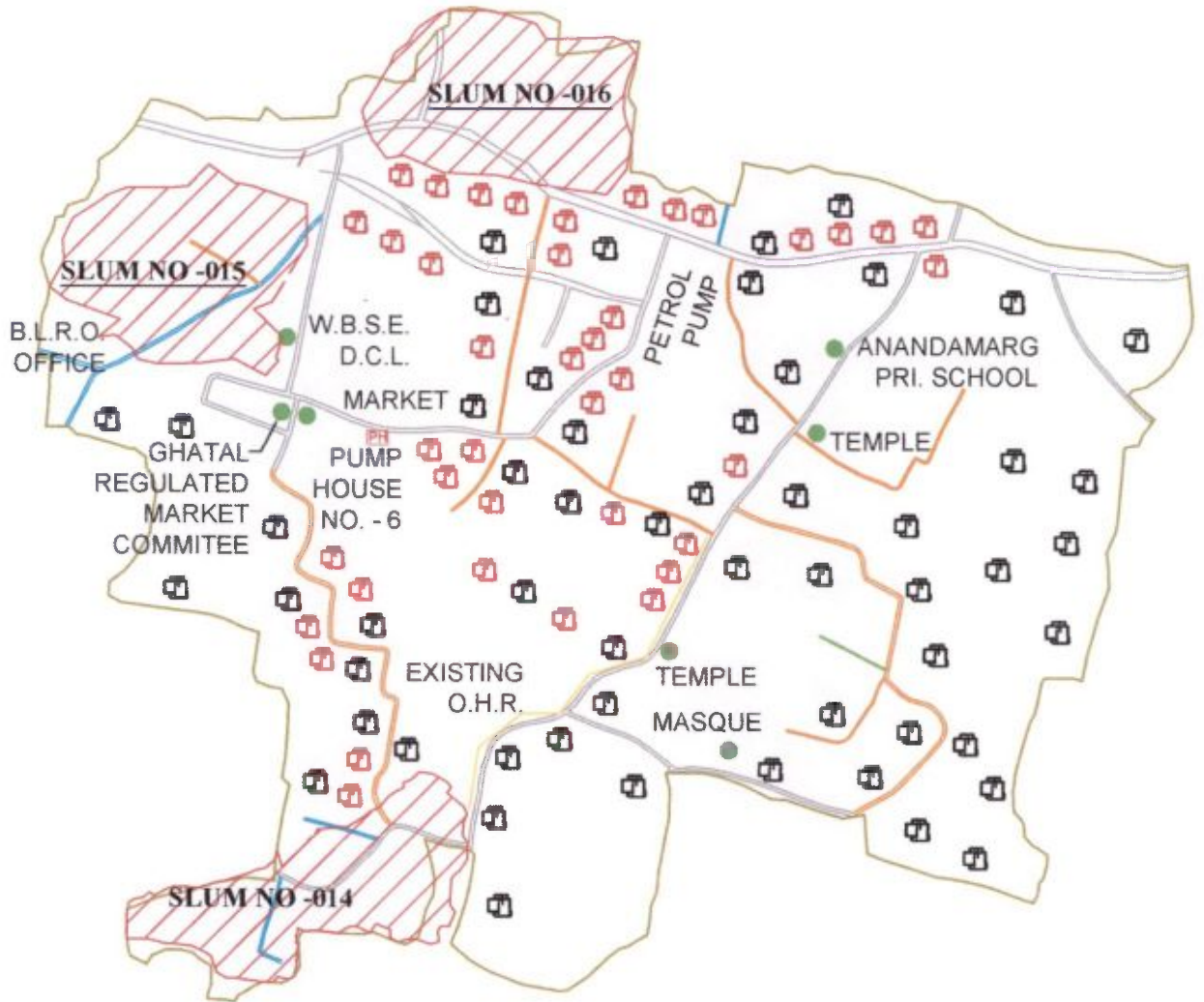
CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-03



CHANDRAKONA MUNICIPALITY

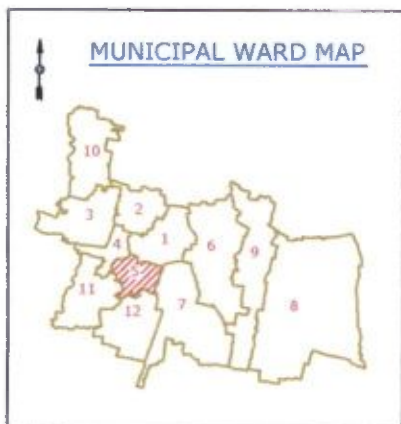
NON-SLUM AREA IN WARD NO.-5



Aol
15/3/18

Sub Assistant Engineer,
Chandrakona Municipality

H.A.T.
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur



LEGEND

ROADS; BITUMINOUS	—
ROADS; CONCRETE	—
GRASS; OTHERS	—
IMPORTANT LOCATION	●
PROP. DWELLING UNIT	□
SLUM BOUNDARY	—
WARD BOUNDARY	—
CC DRAIN (PROP)	—

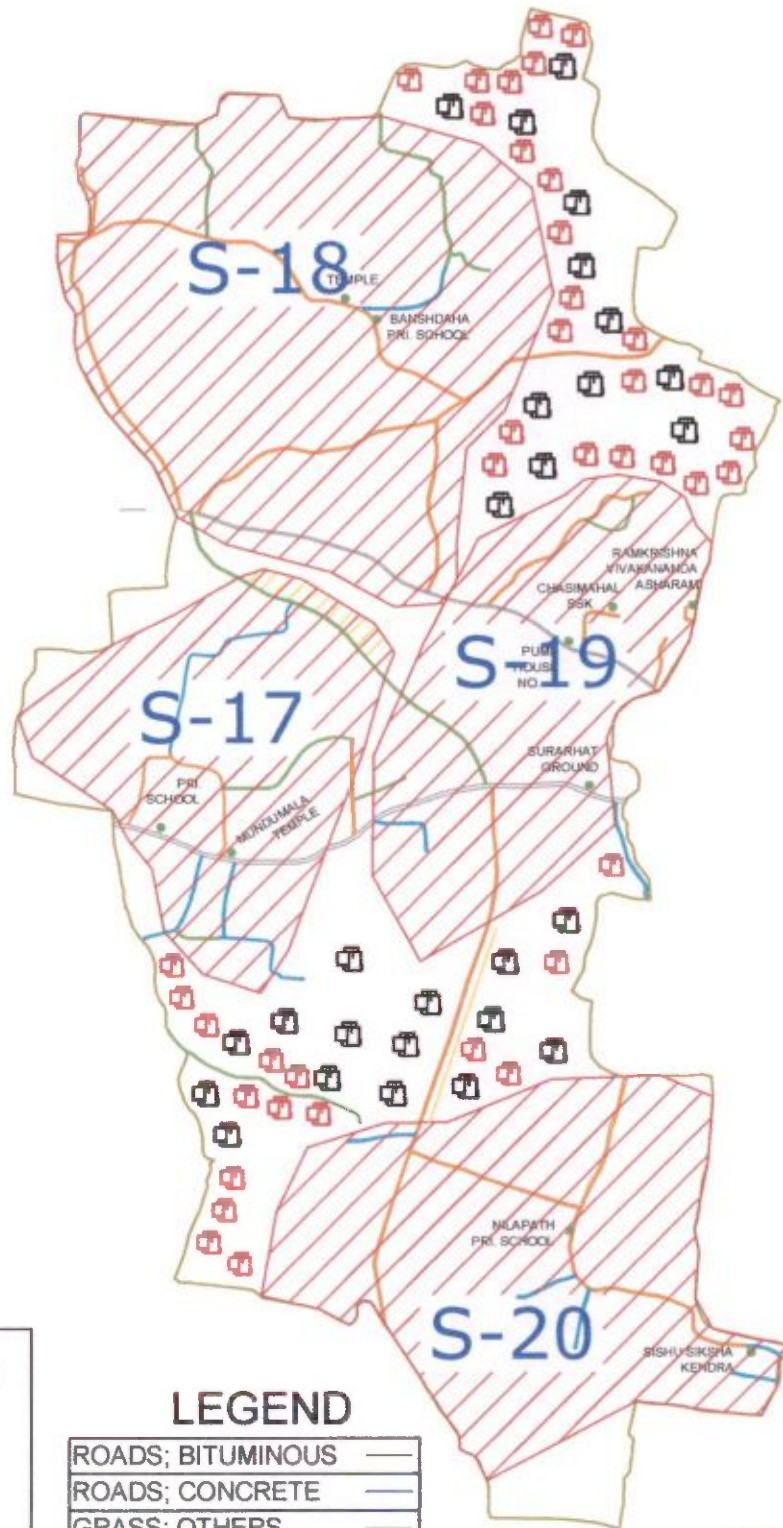
CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-05



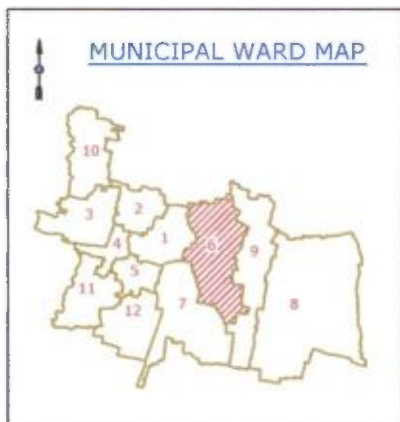
CHANDRAKONA MUNICIPALITY

NON-SLUM AREA IN WARD NO.-6



A. K. Das
15/9/18

Sub Assistant Engineer,
Chandrakona Municipality



LEGEND

ROADS; BITUMINOUS	— (black line)
ROADS; CONCRETE	— (blue line)
GRASS; OTHERS	— (green line)
IMPORTANT LOCATION	● (blue dot)
PROP. DWELLING UNIT	■ (red house icon)
SLUM BOUNDARY	— (red hatched line)
WARD BOUNDARY	— (yellow line)
CC DRAIN (PROP)	— (yellow line)

M. P. Das
Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur

CHANDRAKONA MUNICIPALITY
HOUSING FOR ALL 2022

WARD NO.-06

Photograph Covering the Entire Slum



Alampur & Alampur Canelpar



Bagswarpur, Samaspur, Nischindipur & Gossaiber

S L U M P H O T O



Ilambazar & Ilambazar Muslimpara



Golokdhampur Santrapara & Pathanber



Gobindapur & Gobindapur Palpara



Mitrasenpur Dompura

S L U M P H O T O



Naraharipur Majhipara



Nayagunja Majhipara & Bagtipara



Raghunathpur Majipara, Chalakpara, Jamaipara, adakpara & Purusottampur Ruidaspara



Madhabpur Bauripara, Kumorpara & Jejepara

S L U M P H O T O



Madhabpur Muslimpara & Bhangipara



Kasimahalla & Gajipur Daspara



Begunbari & Jahrapukur Ruidaspalli



Gonsaibazar Ruidaspalli

S L U M P H O T O



Khirkibazar Daspara & Shyamsundarpur



Satibazar Daspara

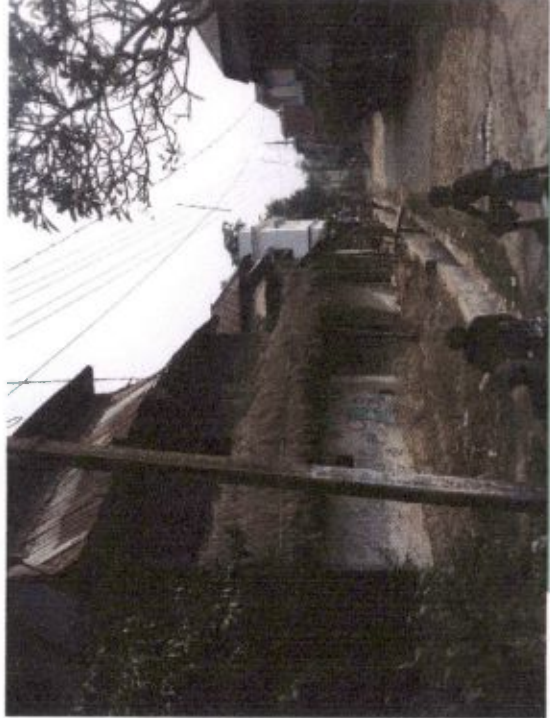


Chasimahal, Canelpar, 24 Chhia & Lalbazar



Majher Banshdaha

S L U M P H O T O



Chasimahal Ruidaspara & Dompapa



Nilapat

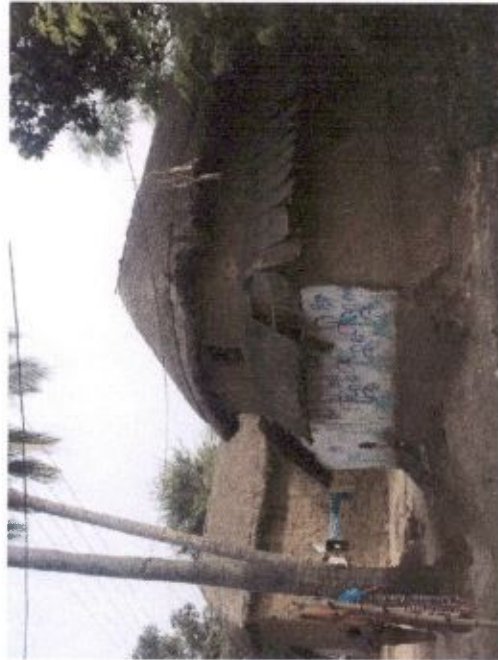


Bona Paschimpara, Majherpara & Sadgoppara



Gopalpur Santrapara & Daspara

S L U M P H O T O



Natunhat Ghoruipara, Ruidaspara & Majipara



Joyantipur Baganpara, Adibasipara, Bagtipara & dangapara



Khejurdanga Kotai para

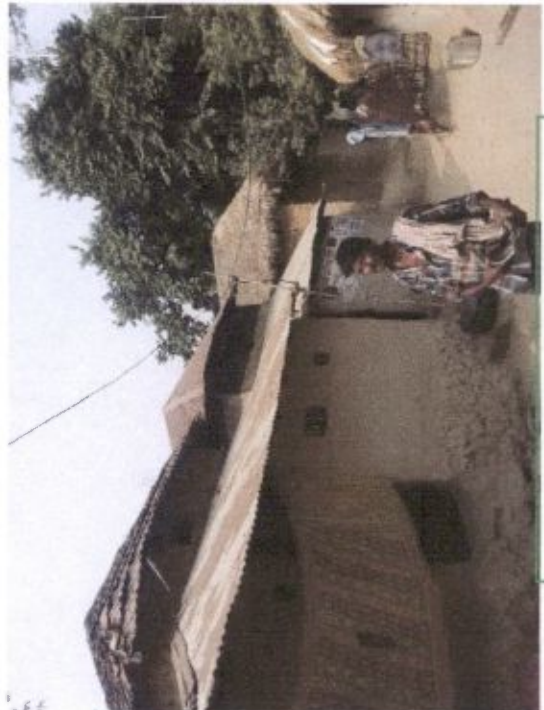


Joyantipua Tanti para

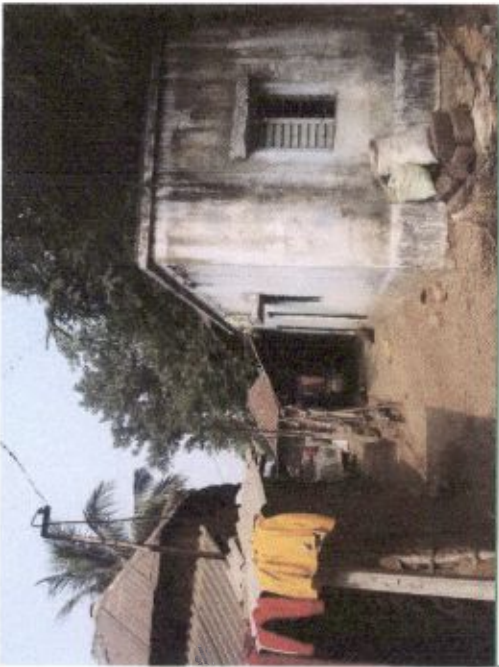
S L U M P H O T O



Joyantipur Santrapara & Roypara



Dalmadal Majipara & Adibasipara



Ramgunja Majhipara, Bhuniapara, Kotalpara,
Kamargunja Muslimpara, Hanripara & Bastipara

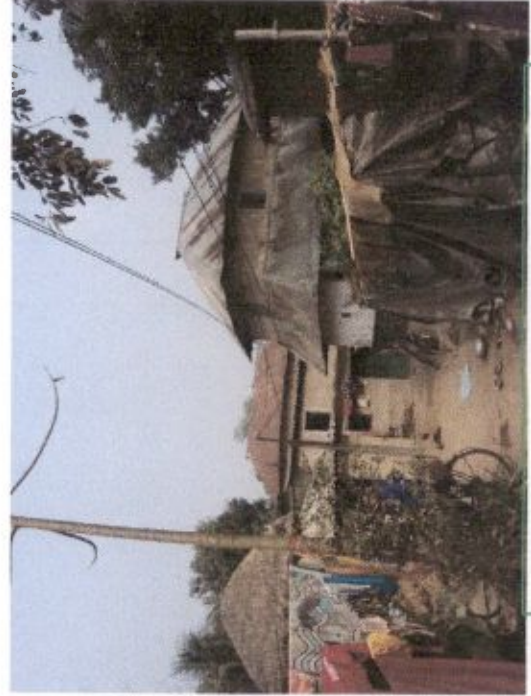


Manpur Adibasipara, Hatipara & Rashikanandapur

S L U M P H O T O



Dalmedal Majipara



Jagina Dompapa & Shyamnagar Roypara



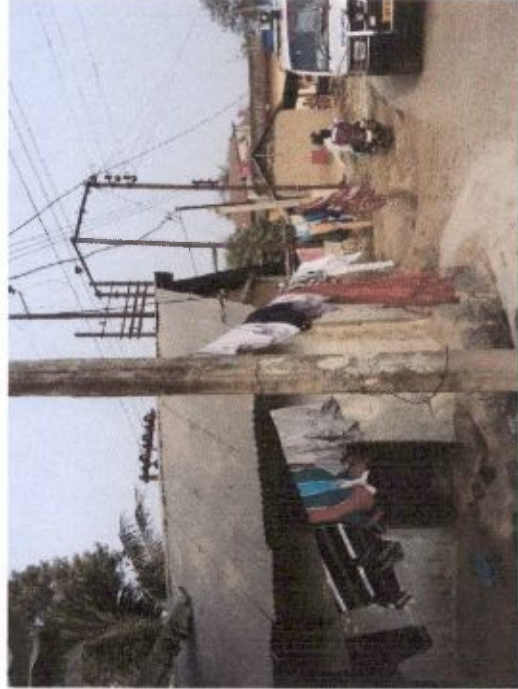
Ramrangi Bauripara, Madhabpur Bauripara & Ajodhya Schoolpara



Gopsai Namapara, Berapara & Presspara



Dakshinbazar Doluipara, Daspara & Chowrapara



Lalsagar Uttarpara-dakshinpara

S L U M P H O T O



Malleswarpur Majjipara & Adibasipara



Baburber

S L U M P H O T O



Paraima Majjipar, Bhatpukur Muslimpara & Adibasipara









Bheyerbazar Muslimpara, Ruidaspara, Adibasipara & Kalaber Adibasipara


BENEFICIARY LIST








ULB : CHANDRAKONA

No. of Beneficiaries : 975








Beneficiary List FY 2017-18 under PMAY-HFA(U)

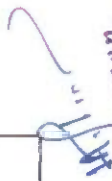
Sl. No.	Ward No.	Slum /Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
1	1	Slum	TULSI DAS	LT BHUM DAS	SC	Male	Hindu	522/53	425518422271	
2	1	Slum	KARTIK BISUI	LT GAURCHANDRO BISUI	General	Male	Hindu	19/23	792750784087	
3	1	Slum	SANYASHI BISUI	LT ADWAIYA BISUI	SC	Male	Hindu	669/16	381011925261	
4	1	Slum	NARAN MONDOL	SUBOD MANDOL	General	Male	Hindu	533/65	225477707582	
5	1	Slum	TUFAN PAL	LT ADIR PAL	General	Male	Hindu	744/644	587589966046	
6	1	Slum	LALU SINGH	RADHU SINGH	SC	Male	Hindu	514/45	279508882948	









Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur








Sl. No.	Ward No.	Slum /Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
7	1	Slum	TARAPODA SING	SOMBHU SING	SC	Male	Hindu	517/4	727920217238	
8	1	Slum	SHAKTIPADA MONDAL	LT NAROTTAM MANDOL	OBC	Male	Hindu	510/41	623972321506	
9	1	Slum	MAYA PORIYA	HORISADHAN PORIYA	SC	Male	Hindu	35/43	608451259807	
10	1	Slum	MOHON BAGAL	LT BANSI BAGAL	SC	Male	Hindu	497/28	336100886401	
11	1	Slum	NAMITA BISHUI	LT SUROJIT BISHUI	SC	Male	Hindu	19/23	742013723077	
12	1	Slum	NANDA DAS	KARTIK DAS	SC	Male	Hindu	43/44	704016598609	
13	1	Slum	TAPAS BERA	LT BIVUTIBHUSAN BERA	OBC	Male	Hindu	3/2	417681582022	








Chairman,
Chandrakona Municipality
Chandrakona, Paschim Medinipur








Sl. No.	Ward No.	Slum /Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
14	1	Slum	PURNA PARTRA	LT MADHU PATRA	SC	Male	Hindu	519/19	988097616354	
15	1	Slum	SUBOL BAGAL	LT BANSI BAGOL	General	Male	Hindu	499/22	450917832078	
16	1	Slum	SAMBHU DAS	KRISNA DAS	SC	Male	Hindu	521/25	903325054538	
17	1	Slum	SHAKTIPADA DAS	LATE AMULYA CHANRAN DAS	SC	Male	Hindu	421/3	444676773360	
18	1	Slum	ARUN DAS	LATE AMULYA CHANRAN DAS	SC	Male	Hindu	6/NEW	990942198168	
19	1	Slum	JAGADISH GHOSH	LATE BIJOY GHOSH	General	Male	Hindu	436/15	611569573865	
20	1	Slum	GOUTAM KUNDU	NETAI KUNDU	SC	Male	Hindu	16/24N	574900285454	









 Chairman,
 Chandrakona Municipality
 Chandrakona, Paschim Medinipur

Sl. No.	Ward No.	Slum /Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
21	1	Slum	BACHHU DAS	LATE MRITUNJOY DAS	General	Male	Hindu	4/32	867243820961	
22	1	Slum	PUSPENDU BHATTACHARYA	RAM BHATTACHARYA	General	Male	Hindu	372/3	884446311414	
23	1	Slum	LAXMAN DHIBAR	LATE DHARANI DHIBAR	SC	Male	Hindu	377/6	667899039025	
24	1	Slum	SWARAJ CHAKRABORTY	NANDADULAL CHAKRABORTY	General	Male	Hindu	550/84	675387305988	
25	1	Slum	LAXMIKANTA BISUI	LATE TUISI BISUI	SC	Male	Hindu	433/12	339239450657	
26	1	Slum	BHANU SINGHA	RABINDRANATH SINGHA	General	Male	Hindu	378/NEW	380034627806	
27	1	Slum	TAPAS DAS MODAK	LATE METHAR CHANDRA DAS MODAK	General	Male	Hindu	25/85N	374119799467	








Sl. No.	Ward No.	Slum /Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
28	1	Slum	HARADHAN BHANGI	LATE KANAI BHANGI	SC	Male	Hindu	397/4	758783950855	
29	1	Slum	ANJAN GOSWAMI	LATE BASANTA GOSWAMI	General	Male	Hindu	443/22	830048559135	
30	1	Slum	SK RAKESH HOSEN	SK ABDUL RAHIM	General	Male	Muslim	868/298	424480686917	
31	1	Slum	ABDUL SELIM SK	ABDUL KASIM SK	General	Male	Muslim	604/24	346982967464	
32	1	Slum	SK HOSSAIN ALI	SIRAJ ALI	General	Male	Muslim	594/13	349087389890	
33	1	Slum	MADHABI DAS	NITAI DAS	General	Male	Hindu	752/154	564625411261	
34	1	Slum	AJAD KHAN	LATE GOLAM AMBIYA KHAN	General	Male	Muslim	584/6	739441401371	








Sl. No.	Ward No.	Slum /Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
35	1	Slum	MIR NURUL ISLAM	MIRANUR ALI	General	Male	Muslim	580/8	562923107639	
36	1	Slum	MIR ASROF ALI	MIR ANOYAR ALI	General	Male	Muslim	585/7	714590568385	
37	1	Slum	GOPAL DAS	TINKORI DAS	OBC	Male	Hindu	7487/151	696246916682	
38	1	Slum	GANESH GHOSH	LAXMI NARAYAN GHOSH	General	Male	Hindu	723/120	251715037498	
39	1	Slum	PARAMESWAR DAS	NEMAI CHARAN DAS	General	Male	Hindu	713/120	612947353318	
40	1	Slum	UTTAM DAS	LT-MADAN DAS	General	Male	Hindu	58/6	916324950802	
41	1	Slum	JAHANARA BIBI	W/O-JAHIRUDDIN	General	Female	Muslim	609/44	489281203324	








Sl. No.	Ward No.	Slum / Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
42	1	Slum	RAOSAN ALI MIRJA	LTS-RAJAB ALI MIRJA	General	Male	Muslim	608/27	644366533121	
43	1	Slum	ANIMA DEY	LATE SUBAL DEY	General	Female	Hindu	661/72	360391138338	
44	1	Slum	SHANTI DUTTA	LATE PANCHANAN DUTTA	General	Female	Hindu	56/54N	594604386428	
45	1	Slum	NANDALAL DAS	LATE MURARI MOHAN DAS	General	Male	Hindu	750/152 (Part)	734425631719	
46	1	Slum	MAHADEB KUNDU	JUGAL KUNDU	General	Male	Hindu	830/82	974210533931	
47	1	Slum	MUKTAR ALI SEKH	KABIRUDDIN SEKH	OBC	Male	Muslim	615/34	951906586511	
48	1	Slum	KULSUMA BIBI	LATEKABIRUDDIN	General	Female	Muslim	615(1)	629623864624	

Sl. No.	Ward No.	Slum / Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
49	1	Slum	BISWANATH DAS	RADHAGOBINDA DAS	General	Male	Hindu	643/54	812539209319	
50	1	Slum	GOURI SANKAR SINGHA	LATE BANABIHARI SINGHA	General	Male	Hindu	40/60	218409493081	
51	1	Slum	HARADHAN KHAN	NAJAR ALI	General	Male	Hindu	589/11	800966835070	
52	1	Slum	SOURAV SARAOKAR	JOYDEV SARKAR	General	Male	Hindu	51/42	607508814401	
53	1	Slum	NIMAI GHORAI	LT SHAMBHU GHORAI	SC	Male	Hindu	620/N	529052316737	
54	1	Slum	JOYDEB SAMANTA	LATE MAHINDRA SAMANTA	General	Male	Hindu	677(1)/86	622150519813	
55	1	Slum	MANJU KUNDU	LATE KISORE KUNDU	General	Female	Hindu	664/74	689593405607	








Chairman
Chairman.
 Chandrakona Municipality
 Chandrakona Paschim Medinipur


Sl. No.	Ward No.	Slum /Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
56	1	Slum	TAPAS SINGH	LATE BIJOY KRISHNA SINGH	General	Male	Hindu	646(1)/57	46067772844	
57	1	Slum	MALA DAS	W/O LATE DIPAK DAS	General	Female	Hindu	673(1)/83	386099401960	
58	1	Slum	SHIBTOSH DAS	BIJAN DAS	General	Male	Hindu	2841/10	735639259029	
59	1	Slum	AMIN SHARMA	LT RAMBALAK SHARMA	General	Male	Hindu	227/6	926746891309	
60	1	Slum	BUDHHADEV SANTRA	LT SADHAN SANTRA	SC	Male	Hindu	229/8	757568992951	
61	1	Slum	KRISHNAPADA SANTRA	LT HARIPADA SANTRA	SC	Male	Hindu	230/9	348181259162	
62	1	Slum	SISIR CHATTERJEE	LT KALINKAR CHATTERJEE	General	Male	Hindu	331/12	905952143133	








Sl. No.	Ward No.	Slum /Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
63	1	Slum	SHIBARAM RANA	LT BHAJAHARI RANA	OBC	Male	Hindu	52/43	971113179857	
64	1	Slum	DEBASHISH ROY	LT NEPAL ROY	General	Male	Hindu	285/11	561188278781	
65	1	Slum	DIPAK LAHA	SASHANKA LAHA	General	Male	Hindu	62/53	472545367863	
66	1	Slum	SURYA SINGHA	SACHINANDAN SINGHA	General	Male	Hindu	22/20(1)	805143049385	
67	1	Slum	AROTTI SAU	PANCHANAN	Sc	Male	Hindu	5/4	974207358253	
68	1	Slum	ARNAB DAS	L.T NIRANJAN DAS	General	Male	Hindu	41/35	413040060464	
69	1	Slum	AJIT SINGH	LT TINKODI SINGHA	General	Male	Hindu	27/24	631272029481	

Sl. No.	Ward No.	Slum /Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
70	1	Slum	GANESH GHOSH	GOPOL GHOSH	General	Male	Hindu	1/1	923411286333	
71	1	Slum	UPENDRA SAHANI	LT RANDEB SAHANI	Sc	Male	Hindu	112/100	660746564506	
72	1	Slum	REKHA SANTRA	LT MAHADEB SANTRA	Sc	Male	Hindu	338/45	499520176654	
73	1	Slum	PRITAM KADMA	NIMAI KADMA	Sc	Male	Hindu	52/54N	762592025418	
74	1	Slum	GOUTAM DAS	SRI KARTICK DAS	General	Male	Hindu	518(1)/49	815222886095	
75	1	Slum	SHITAL ADAK	LT TRILOCHON ADAK	Sc	Male	Hindu	86/219	918295611401	
76	1	Slum	PARESHNATH BANERJEE	LT KHUDIRAM BANERJEE	General	Male	Hindu	274/3	976007646148	








(Signature)
 Chairman,
 Chandrakona Municipality
 Chandrakona, Paschim Medinipur

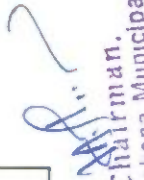
Sl. No.	Ward No.	Slum /Non-Slum	Beneficiary Name	Father's / Husband's Name	Caste Category ST / SC / OBC / GN	Gender	Religions	Holding No.	Aadhaar No. / Voter Card No.	Photo
77	1	Slum	BISWAJIT SIKDAR	LT DHIRENDRANATH SIKDAR	General	Male	Hindu	8/10	537073960449	
78	1	Slum	SWAPAN SIKDAR	LT USHARANI SIKDAR	General	Male	Hindu	8/10	792042984139	
79	1	Slum	RAMPADA MONDOL	LT RADHANATH MONDOL	General	Male	Hindu	564/13	625887991937	
80	1	Slum	KANAI GHOSH	LT SHAKTIPADA GHOSH	General	Male	Hindu	444/23	741582979482	
81	1	Slum	SAMIR ASH	BALAI ASH	General	Male	Hindu	102/88	961906972333	
82	1	Slum	RATAN PAL	LT LAXMI PAL	Sc	Male	Hindu	81,68	422464882144	
83	1	Slum	KHOKON PAUL	LT LAKSHMI PAUL	Sc	Male	Hindu	82.69	619931901786	









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 Chandrakona, Paschim Medinipur

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84	1	Slum	PURNA PAL	LT MADAN PAL	SC	Male	Hindu	87/75	435402212358	
85	1	Slum	SUMU SING	LT GOPAL SING	SC	Male	Hindu	85/19	279681095004	
86	1	Slum	KALIPADA ASH	LT MUCHIRAM ASH	General	Male	Hindu	104/74	240157721099	
87	2	Slum	BISWAJIT MANDAL	MANIK MANDAL	General	Male	Hindu	45/25	351345402893	
88	2	Slum	JAYANTI DAS	W/O LATE SUBAL DAS	SC	Male	Hindu	41/21	502308560719	
89	2	Slum	MANISHANKAR SEN	LATE AMARSHANKAR SEN	General	Male	Hindu	37/40	982722321852	
90	2	Slum	SK. GOLAM KADER	LATE SK. DILBARI	General	Male	Muslim	87/85N	306558698089	








(Signature)


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91	2	Slum	SK. ABDUL HAMID	LATE SK. DILBARI	General	Male	Muslim	207/NEW	324093106778	
92	2	Slum	MANIK DAS	LATE JAYDEB DAS	General	Male	Hindu	265/39	565967061399	
93	2	Slum	DHANANJAY ROY	PADMARANI ROY (MOTHER)	General	Male	Hindu	258/35	631293196941	
94	2	Slum	JARINA BIBI	W/O SK. AKTHAR ALI	General	Female	Muslim	204/16	875583318957	
95	2	Slum	BIDYUT SANTRA	SUBAL SANTRA	SC	Male	Hindu	524/NEW	869019722450	
96	2	Slum	TAPAN BISUI	LATE BADAL BISUI	SC	Male	Hindu	516/61	WB/28/196/231108	
97	2	Slum	JABA BISUI	D/O NITAI BISUI	SC	Female	Hindu	517/62	551436143897	









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 Chandrakona, Paschim Medinipur

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98	2	Slum	CHITTARANJAN LAGA	LATE ABNIL LAGA	General	Male	Hindu	479/24	947249457794	
99	2	Slum	ASHIS CHOUDHURY	LATE SAILENDRA CHOUDHURY	General	Male	Hindu	533/117	493703255680	
100	2	Slum	SUDIP CHOUDHURY	ADITYA CHOUDHURY	General	Male	Hindu	566/96	303221576335	
101	2	Slum	TARAKNATH SEN	LATE RANJIT SEN	General	Male	Hindu	256/15	852702045968	
102	2	Slum	BASANTA SEN	LATE RANJIT SEN	OBC	Male	Hindu	453/1	717663307582	
103	2	Non-Slum	SAMIT MANDAL	MANIK MANDAL	General	Male	Hindu	127/NEW	657758959461	
104	2	Non-Slum	ASISH BERA	TARUN BERA	General	Male	Hindu	134/NEW	487255716945	









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105	2	Non-Slum	NIMAI CHARAN KAR	LATE GOUR CHARAN KAR	General	Male	Hindu	103/75	669054759290	
106	2	Non-Slum	PRANAB MUKHOPADHYAY	RATNESWAR MUKHOPADHYAY	General	Male	Hindu	101/73	497207383201	
107	2	Non-Slum	SWAPAN SAHU	LATE NIRANJAN SAHU	General	Male	Hindu	307/73	910174393655	
108	2	Non-Slum	ANIL DUTTA	LATE SURENDRA DUTTA	OBC	Male	Hindu	313/79		
109	2	Non-Slum	BISWAJIT KUNDU / Pandit	LATE RATAN CHANDRA KUNDU	General	Male	Hindu	459/7	816412423949	
110	2	Non-Slum	TARUN ACHRIYA	CHANDI CHARAN ACHRIYA	General	Male	Hindu	592/4	352016553683	
111	2	Non-Slum	SWAPAN ACHRIYA	CHANDI CHARAN ACHRIYA	General	Male	Hindu	15/37	768870309805	


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112	2	Non-Slum	BASUDEB DAS	GOPAL DAS	General	Male	Hindu	186/165	728398456818	
113	3	Slum	BIKASH DOLAI	AJIT DOLAI	General	Male	Hindu	155/62	530693472078	
114	3	Slum	BIJOY ADAK	LATE BANCHU ADAK	SC	Male	Hindu	181/188	871891898176	
115	3	Slum	LAXMAN ADAK	BIJOY ADAK	SC	Male	Hindu	181/188	781736196765	
116	3	Slum	BAPAN KALINDI	JALADHAR KALINDI	SC	Male	Hindu	181/188	893974718453	
117	3	Slum	SANATAN RUIDAS	LATE DEBENDRA RUIDAS	SC	Male	Hindu	387/43	697827176498	
118	3	Slum	LAXMI RUIDAS	LATE LAXMAN RUIDAS	SC	Female	Hindu	388/44	488068287717	


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119	3	Slum	BHIM DOLAI	LATE SANATAN DOLAI	SC	Male	Hindu	68/72	505160718017	
120	3	Slum	PINTU DOLAI	NANDALAL DOLAI	SC	Male	Hindu	67/69	248077861202	
121	3	Slum	GANESH DOLAI	LATE BIJOY DOLAI	SC	Male	Hindu	67/69	540104243056	
122	3	Slum	MOHAN DOLAI	LATE JOYRAM DOLAI	SC	Male	Hindu	221/69	WUQ1458447	
123	3	Slum	SANJOY MUKHERJEE	LATE NIRANJAN MUKHERJEE	General	Male	Hindu	84/88	621618781490	
124	3	Slum	DILIP RUIDAS	LATE BADAL RUIDAS	SC	Male	Hindu	224/359	659386560611	
125	3	Slum	TAPAN DOLAI	LATE GOBARDHAN DOLAI	SC	Male	Hindu	73/148	481093820700	

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126	3	Slum	MOYNA DOLAI	LATE LAB KUMAR DOLAI	SC	Female	Hindu	99/104	516634792813	
127	3	Slum	SHYAMAL MUKHERJEE	LATR NIRANJAN MUKHERJEE	General	Male	Hindu	84/88	792178122378	
128	3	Slum	KALI MALLICK	LATE NATU MALLICK	SC	Female	Hindu	85/259	849005270674	
129	3	Slum	AJIT DOLAI	LATE GOKUL DOLAI	SC	Male	Hindu	82/86	280687503366	
130	3	Slum	RADHANATH RUIDAS	LATE GOKUL RUIDAS	SC	Male	Hindu	73/77	484552138407	
131	3	Slum	SUBHASISH GHOSH	LATE MANINDRA KUMAR GHOSH	General	Male	Hindu	326/287	318043104399	
132	3	Slum	ASIS KUMAR GHOSH	LATE MONINDRA GHOSH	General	Male	Hindu	326/287	762511103368	


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133	3	Slum	RANJIT DANDAPAT	LATE SHIBU DANDAPAT	SC	Male	Hindu	98/102	462787440081	
134	3	Slum	SUBAL MONDAL	LATE RAICHARAN MONDAL	OBC	Male	Hindu	730/NEW	757084339291	
135	3	Slum	SANKARI PAL	LATE BADAL PAL	General	Female	Hindu	338/20	265466984477	
136	3	Slum	RAGHUNATH GOSWAMI	GORACHAND GOSWAMI	General	Male	Hindu	228/61	275043839640	
137	3	Slum	REBATI PAL	LATE SAMBHU PAL	OBC	Female	Hindu	638/204	282763797622	
138	3	Slum	BISHNUPRIYA BERA	LATE HARIPADA BERA	SC	Female	Hindu	517/66	294114975919	
139	3	Slum	SANATAN DOLAI	BISWANATH DOLAI	SC	Male	Hindu	516/65	499746715339	

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140	3	Slum	TARI DAS	LATE KALOSONA DAS	SC	Female	Hindu	535/86	78627487791	
141	3	Slum	GOUTAM DAS	LATE BANTU DAS	SC	Male	Hindu	535/86	471525903096	
142	3	Slum	SHYAMSUNDAR BERA	LATE NITAI BERA	SC	Male	Hindu	526/77	595786857491	
143	3	Slum	DEBDAS CHOUDHURY	LATE SASANKA CHOUDHURY	SC	Male	Hindu	539/90	404274741524	
144	3	Slum	SANATAN CHOUDHURY	LATE SASANKA CHOUDHURY	SC	Male	Hindu	539/90	645045709195	
145	3	Slum	RAJU CHOUDHURY	NABIN CHOUDHURY	SC	Male	Hindu	537/82	713834965249	
146	3	Slum	JANATA CHOUDHURY	LATE SASANKA CHOUDHURY	SC	Male	Hindu	36/85N	495458336081	

(Signature)
 Chairperson
 Chandrakona Municipality
 Chandrakona, Paschim Medinipur