

**Detailed Project Report for Construction of 600 EWS
Houses under
BLC mode of Pradhan Mantri AwasYojana (PMAY)-HFA (U)
for Konnagar Municipality for 2017-18**

2017-18



**MUNICIPAL ENGINEERING DIRECTORATE, GOVT. OF
WEST BENGAL BIKASH BHAVAN, SALT LAKE, KOLKATA-91**

PREFACE

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

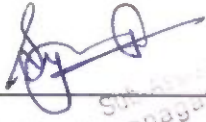
The urban homeless persons contribute to the economy of the cities and thus the Nation as cheap labour in the informal sector; yet they live with no shelter or social security. The urban homeless service with many challenges like no access to elementary Public Services such as health, education, food, 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 one component only.

Total beneficiaries of the scheme are 600 nos from slum and Non Slum projected for the year 2017-1.

Total cost of the project is **Rs. 2428.80 lakhs** as per relevant department & P.W.D. schedule of rates.

Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
Total Infrastructure Cost Sub Total (B)					220.80	220.80	0.00	110.40	110.40	0.00	
GRAND TOTAL (A+B)					2,428.80	2,428.80	900.00	1,268.40	110.40	150.00	



Signature of the URB level
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Signature of the Mayor/
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CHAIRMAN

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Implementation Schedule 2017-18

Sl. No.	Activity	2018												2019																																
		March			April			May			June			July			August			September			October			November			December			Jan, 2019														
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd										
1.0	Preparation of field works & MIS entry	Blue	Blue	Blue	Blue	Blue	Blue																																							
2.0	Construction of Single storied DU including S & P, Elec.								Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue			
3.0	Geo-tagging of DU														Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue		
4.0	Infrastructure Works (Tendering formalities and implementation for field works																																													

Work flow of PMAY – HFA (U) for 2017-18

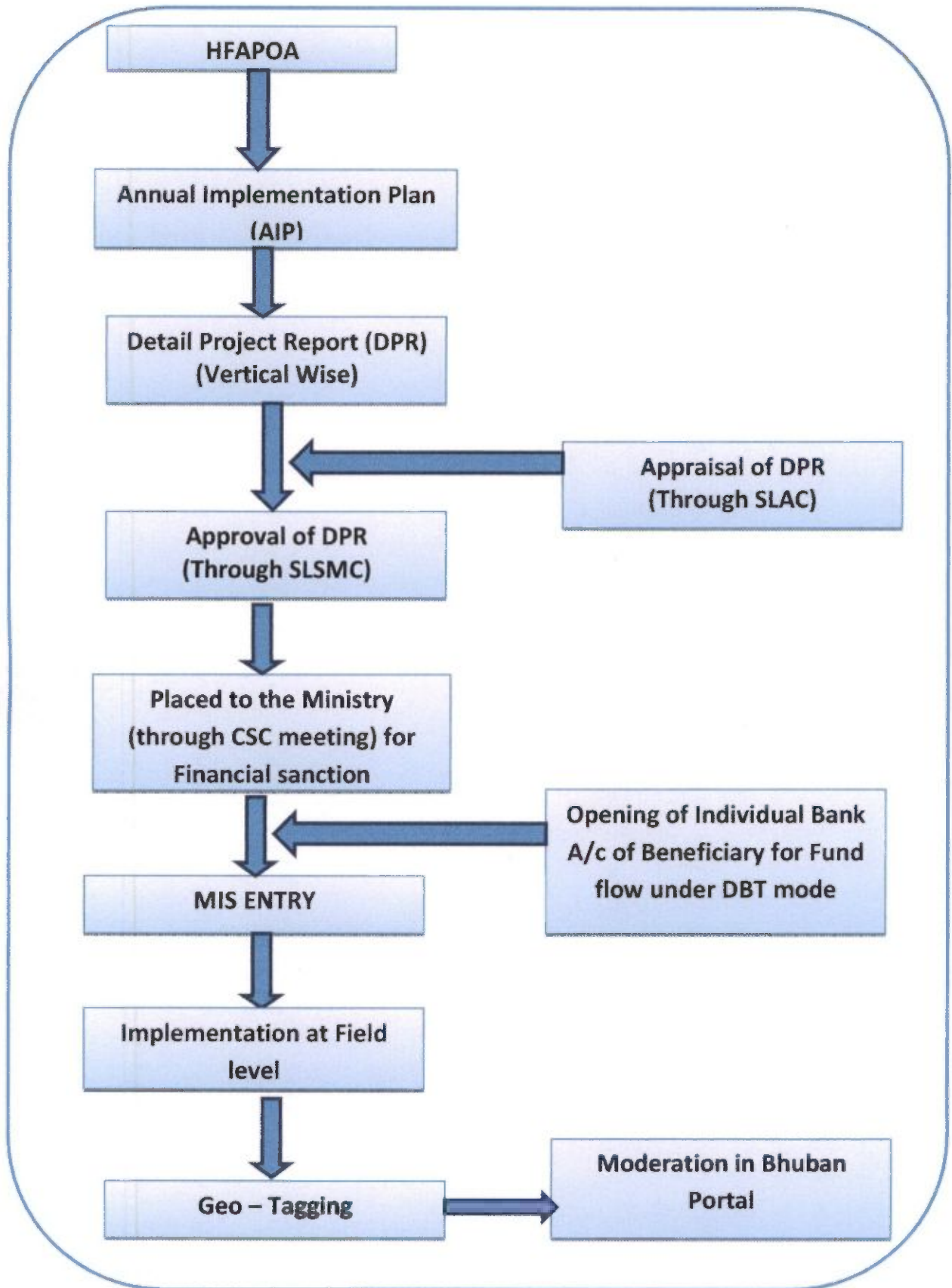


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Introductory Note by Chairman



I would like to take this privilege to inform you that the Konnagar Municipality has finished the preparation of **DPR of BLC for 2017-18**. The information provided in the document is absolutely flawless and reliable.

In this regard I would like to thank all the municipal staff, ward committee members, respective ward councilors, TPO, who have rendered their valuable services towards the completion of this plan document. I would also take this opportunity to thank SUDA and MA Dept. for their guidance as and when it was required.

I wish that this **DPR of BLC for 2017-18** will enable Konnagar Municipality to design comprehensive development of its jurisdiction.

We are indebted to all of our Municipal Officials, local business persons for their continuing work and cooperation. We take this opportunity to express our deep sense of thankfulness to the people of our locality who, in spite of their limitations, took part with zeal in the awareness campaigns, meetings and workshops.

A large, stylized handwritten signature in blue ink, consisting of a large loop at the top and a long, sweeping stroke that extends downwards and to the left.

Chairman
Konnagar Municipality
Chairman
Konnagar Municipality

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Abbreviation

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: $FAR = \frac{\text{Total covered area on all the floors} \times 100}{\text{Plot area}}$ 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.

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 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 one component only.

Total beneficiaries of the scheme are 600 nos from slum and Non Slum projected for the year 2017-18.

Total cost of the project is **Rs. 2428.80 lakhs** as per relevant department & P.W.D. schedule of rates.

Annexure 7C

(Para 14.5 of the Guidelines)

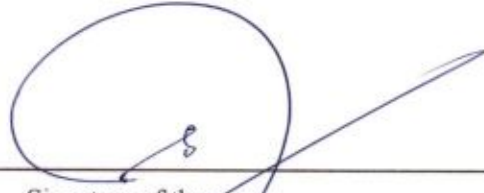
Format for Project under Beneficiary Led Construction Or Enhancement

1	Name of the State:	:	West Bengal						
2	Name of the District:	:	Hoogly						
3	Name of the City:	:	Konnagar						
4	Project Name:	:	HFA-KONNAGAR 2017-18						
5	Project Code:	:	19801730024N0						
6	State Level Nodal Agency:	:	State Urban Development Agency (SUDA)						
7	Implementing Agency/ ULB	:	Konnagar 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		
		:	Konnagar Municipal Area	600	Covering both Slum & Non-Slum area	Notified	No		
10	Project Cost (Rs. In Lakhs)	:	2,428.80						
11	No. of beneficiaries covered in the project	:	GEN	SC	ST	OBC	Total	Minority	Person with Disability
		:	595	4	1	0	600	42	0
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			
		:	0	153	447	0			
14	No. of beneficiaries covered in the project	:	Male	Female	Transgender				
		:	447	153	0				
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)	:	900.00						
	ii. State grant, (Rs. in Lakhs)	:	1,268.40						
	iii. ULB grant (Rs. in Lakhs)	:	110.40						

	iv. Beneficiary Share (Rs. in Lakhs)	:	150.00
	v. Total (Rs. in Lakhs)	:	2,428.80
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	:	No
	iii. Road	:	Yes
	iv. Storm Water Drain	:	Yes
	v. External Electrification	:	Yes
	vi. Solid Waste Management	:	Yes
	vii. Any Other	:	Yes
	viii. In case, any infrastructure has not been proposed, reason thereof.	:	Sewerage Scheme has not been proposed due to desired level of supply of water as CPHEEO norms has not been achieved.
20	Whether disaster (earthquake, flood, cyclone, landslide etc.) 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

2 7	Comments of SLAC after techno economic appraisal of DPR	:	Project covers the most needy beneficiaries
2 8	Project brief including any other information ULB/State would like to furnish	:	The project covers all wards
2 9	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
 Mayor/ Chairperson/Municipal
 Commissioner
Chairman
 Konnagar Municipality

 Signature
 (Director,SUDA)

 Signature
 Chief Engineer
 M.E Dte,GoWB

 Signature
 (Secretary,UD & MA Department,GoWB)

DPR Main Report

City Profile and Overview

History

In Hooghly district, Konnagar is, situated on the western bank of river Ganges. We find mention of Konnagar in 'Chandimangal' of Kabi Kankan Mukundaram & 'Manashamangal' of Bipradas Peeply. 'Chandimangal' was written sometime in 8th decade of 16th century from which it can be deduced that the age of Konnagar is now more than 600 years. Mention of Konnagar is also found in the writings of Bankim Chandra Chattopadhyay & Rabindranath Tagore. Konnagar is fortunate to have a great man of Maharshi Shibchandra Dev's stature who is considered to be founder of the modern Konnagar. Maharshi Devendranath Tagore had once come here with Rabindranath Tagore in his boyhood to visit Shibchandra Deb's house at Konnagar. Konnagar is again very fortunate to have the footprints of Sri Sri Ramkrishna Deb apart from many other stalwarts in 20th Century.

Year of Establishment of the Municipality

In 1865, Serampore –Uttarpara Municipality was formed in which present municipal area of Konnagar was included. In 1916, Rishra Konnagar Municipality was formed separately. In the 30's of the 20th century electrification of the roads of Konnagar Rishra came into existence.

On 16th January 1944, Konnagar Municipality was established, with its nominated board headed by Sri Nrisingha Das Basu as Chairman.

Administrative Boundaries

Konnagar is bounded by river Bhagirathi in the East and eastern railway line & Rainal Canal in the west. In the North, Rishra Municipality is separated by Bagkhal and in the South, Uttarpara –Kotrang municipality is separated by Amratala Khal.

Linkage

Konnagar has a well-knit connection with the remaining parts of the country through rail, road & so also river. Calcutta & Haldia Port is well connected by road network. Calcutta Airport is connected by a very modern road & bridge network diminishing the travel time nearly to half an hour.

Economic Base

Economic base of the K.M population is mainly on service sector. Some 10% to 15 % are dependent on industry within K.M and neighbourhood.

Demographic Growth

Total population growth is not matching the level, which is projected upto 2025 for Konnagar Municipal area. It was projected upto 2025 that beside Kolkata, district of Hooghly shows much higher trend of population growth in

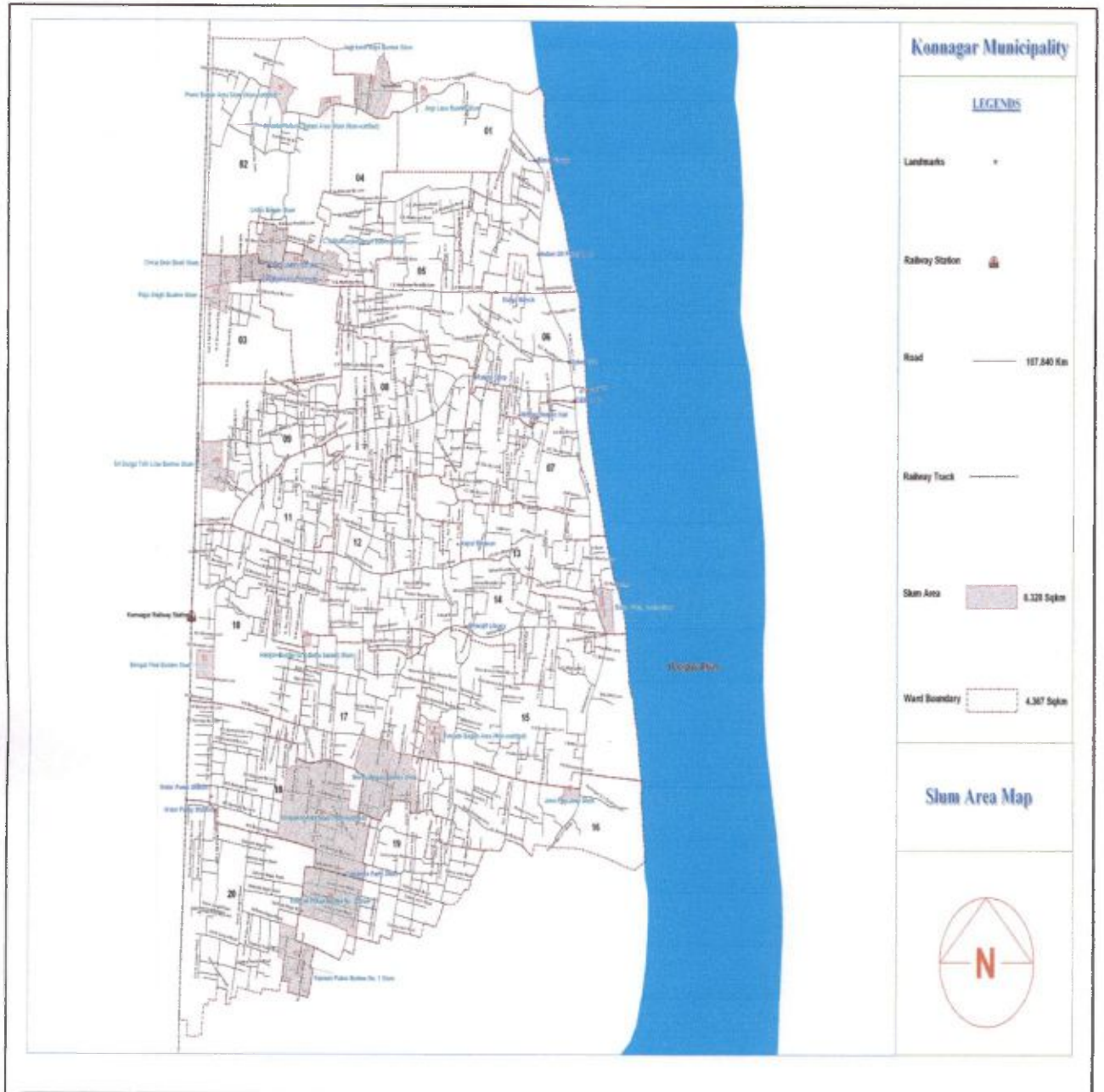
1961-71 but falling gradually through 71-81 & 81-91. The trend was followed at succeeding decade also. At the starting decade it was almost same.

Total population of K.M in 1991 was 62,200 and population density was 13,319 pop. / sq.k.m with growth rate of 16.1% for 10 years. Population in 2001 was 72,211 and population in 2011 was 76152 with growth rate of 5.45%. From above fact it is seen that growth rate fluctuates and decreases abnormally. Population density is becoming 16,306 pop. / sq. k.m. The fact indicates that the population growth in the area is becoming one third than from the growth rate of the previous decade.

Table-2 : City at a Glance

Sl.no	Indicator	2001	2011	2015
1	Area (in SqKm)			
1.1	Planning Area (Sq. Km)	4.67 Sq. Km.	4.67 Sq. Km.	4.67 Sq. Km.
1.2	Municipal Area (Sq. Km)	4.67 Sq. Km.	4.67 Sq. Km.	4.67 Sq. Km.
1.3	Area of Slums (Sq. Km)	0.33 Sq. Km.	0.33 Sq. Km.	0.33 Sq. Km.
2	Number of Municipal Wards	19	20	20
3	Population and Households			
3.1	Total Population (no's in millions)	72177	76172	82037
3.2	Number of Households			
3.3	Density of Population	15455 per sq km	16307 per sq km	17567 per sq km
3.4	Slum households as percentage of total Households in city	13	14	14
3.5	Current (2015) Population (Year of Survey) (no's in millions)	NA		82037
3.6	Current Number (2015) of Households (Year of survey)	NA		20488
3.7	Slum population as percentage of total population in city	NA		14

Figure-1: Municipal Map



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. 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 Kannagar 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.

In context of Konnagar Municipality 76% of households live in pucca or partially pucca houses. Housing condition in its slums is not in good shape as 24% houses are either Katcha or semi-pucca. Considering the above, municipality has already initiated construction of affordable houses in 18 slums spread over 20 wards on a piecemeal basis leveraging BSUP scheme in a phased manner. In the First phase (2008-2012) total 984 houses were constructed in 18 slums spread over 20 wards in BSUP and SUHP. Infrastructure projects like Road, Drain and pipeline work were also targeted in some of the slums. Infrastructure projects like Road, Drain and pipeline work were also targeted in some of the slums.

The following table gives ward-wise construction of urban poor houses planned during 2007-08 till date under IHSDP and SHUP.

Table-3: Housing constructed under the scheme of BSUP

Summary list for Dwelling House completed in BSUP PH-I,II & III					
SI No	Ward No	PH-I	PH-II	PH-III	Total
1	1		7	5	12
2	2		28	11	39
3	3	32	3	2	37
4	4		39	13	52
5	5		34	15	49
6	6		4	7	11
7	7		6	6	12
8	8		10	11	21
9	9		14	21	35
10	10		2	2	4
11	11	72	9	45	126
12	12		2	71	73
13	13		7	7	14
14	14		7	7	14
15	15		6	9	15
16	16		14	34	48

Summary list for Dwelling House completed in BSUP PH-I,II & III					
SI No	Ward No	PH-I	PH-II	PH-III	Total
17	17		12	38	50
18	18		27	43	70
19	19	24	72	27	123
20	20		61	38	99
Total		128	364	412	904

Table-4: Housing constructed under the scheme of SHUP

Summary list of Dwelling unit constructed under SHUP project Phase - I			
SI No	Ward No	PH-I	Total
1	1	2	2
2	2	4	4
3	3		
4	4	5	5
5	5	3	3
6	6	4	4
7	7	4	4
8	8	4	4
9	9	5	5
10	10	3	3
11	11	5	5
12	12	4	4
13	13	6	6
14	14	4	4
15	15	6	6
16	16	5	5
17	17	3	3
18	18	5	5

19	19	4	4
20	20	4	4
Total		80	80

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 Kannagar Municipality, Kannagar Municipality takes one for implementation of the project i.e. "Beneficiary-led - construction". For this project, Kannagar Municipality conducted Demand Assessment survey for getting total requirement of houses in the ULB. From this survey, the total survey form received 1960. Out of 1133 form received from 18 slums and 827 forms received from non slums. 2627 houses will be constructed through "Beneficiary-led-Construction."

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 Konnagar Municipality undertook Demand survey on 18.09.2015 and completed the survey on 28.09.2015. From this survey, different information have been took off. Summary of findings of survey have been given below:

Table-5: Distribution of family heads of the slum

FAMILY HEAD				
WARD NO	MALE	FEMALE	OTHER	TOTAL
1	82	34		116
2	87	35		122
3	482	87	12	581
4	61	36		97
5	60	26		86
6	18	5		23
7	27	10		37
8	16	6	1	23
9	47	22	1	70
10	86	11		97
11	12	5		17
12	0	6		6
13	37	15		52
14	32	11		43
15	90	36		126
16	29	24		53
17	52	18		70
18	85	44	1	130
19	73	46		119
20	53	39		92
Total	1429	516	15	1960

Source; Demand survey,2015

From the above table, it is noticed that Municipality conducted of survey of 1960 household. Out of 1960 households, 1429 households headed by male member, 516 households headed by female member and 15 households headed by other. Ward-wise details are given in the table.

1960 households falls under Form -B (Slum - 1133 & Non- Slum - 827).

Table-06: Religion of the households

Religion								
WARD NO	HINDU	MUSLIM	CHRISTIAN	SIKH	OTHER	BUDDHISM	JAINISM	TOTAL
1	98	18						116
2	122							122
3	506	68	1		6			581
4	92	4		1				97
5	86	0						86
6	23							23
7	37							37
8	23							23
9	70							70
10	97							97
11	17							17
12	6							6
13	52							52
14	43							43
15	123	2		1				126
16	53							53
17	70							70
18	130							130
19	119							119
20	92							92

Total	1859	92	1	2	6	0	0	1960
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Source; Demand survey,2015

From the above table, it is noticed that out of 1960 households, 1859 households falls under Hindu community, 92 households falls under Muslim Community, 1 household falls under Christian community and 2 households fall Sikh community and 6 households are under others. Ward-wise details are given in the table.

Table-7: Ownership details of the households

Ownership Details				
Ward No.	Own	Rented	Otherwise	TOTAL
1	116			116
2	121		1	122
3	561		20	581
4	97			97
5	86			86
6	23			23
7	37			37
8	23			23
9	70			70
10	97			97
11	17			17
12	6			6
13	52			52
14	43			43
15	126			126
16	53			53
17	70			70
18	130			130
19	119			119

20	92			92
Total	1939	0	21	1960

Source ; Demand survey,2015 (Note – Only B format)

From the above mentioned table, it implies that Out of total 1960 households, 1939 households have own ownership, 21 households lives in others house but they have own land.

Table-8: Housing structure details of the households

Ward No.	Type of house		TOTAL
	Semi pucca	Kucha	
1	115	1	116
2	120	2	122
3	478	103	581
4	94	3	97
5	85	1	86
6	23		23
7	37		37
8	23		23
9	70		70
10	97		97
11	17		17
12	6		6
13	52		52
14	43		43
15	124	2	126
16	53		53
17	70		70
18	130		130
19	114	5	119

20	91	1	92
Total	1842	118	1960

Source ; Demand survey,2015 (Note – Only B format)

From the above table, it shows that, out of total 1960 households, 1842 households lives in semi-pucca structure house and 118 households lives in kucha structure house. Ward-wise details are given in the table.

Table-9: Type of Housing requirement details of the households

TYPE OF HOUSING REQUIRMENT			
WARD NO	ENHANCMENT	NEW HOUSE	TOTAL
1	0	116	116
2	0	122	122
3	0	581	581
4	0	97	97
5	0	86	86
6	0	23	23
7	0	37	37
8	0	23	23
9	0	70	70
10	0	97	97
11	0	17	17
12	0	6	6
13	0	52	52
14	0	43	43
15	0	126	126
16	0	53	53
17	0	70	70
18	0	130	130

19	0	119	119
20	0	92	92
Total		1960	1960

Source ; Demand survey,2015

From the above table, it is noticed that out of total 1960 households falls under the scheme. From that 1960 household require new house construction. Ward-wise details are given in the table.

Table-10: Caste Details

Caste Details						
Ward No.	General	SC	ST	OBC	Minority	TOTAL
1	92	6			18	116
2	117	3		2		122
3	505	1			75	581
4	91	1			5	97
5	82	4				86
6	21	2				23
7	34	3				37
8	23					23
9	70					70
10	95	2				97
11	17					17
12	6					6
13	36	15		1		52
14	43					43
15	120	3			3	126
16	53					53
17	70					70
18	129	1				130

19	119					119
20	88	4				92
	1811	45	0	3	101	1960

Source ; Demand survey,2015

There are 1811 households belong to general caste out of 1960 households and 45 households are SC community, 3 households are in OBC and 26 nos households are minority.

In summarizing the HFAPoA of Konnagar Municipality, Konnagar Municipality takes one vertical for implementation of the project i.e. "Beneficiary -led - construction". For this project, Konnagar Municipality conducted Demand Assessment survey for getting total requirement of houses in the ULB. From this survey, the total survey form received 1960. From 1960 forms, 1960 forms for Format B. Out of 1960 form received from 18 slums and 827 from non slums. 1960 houses will be constructed through "Beneficiary-led-Construction".

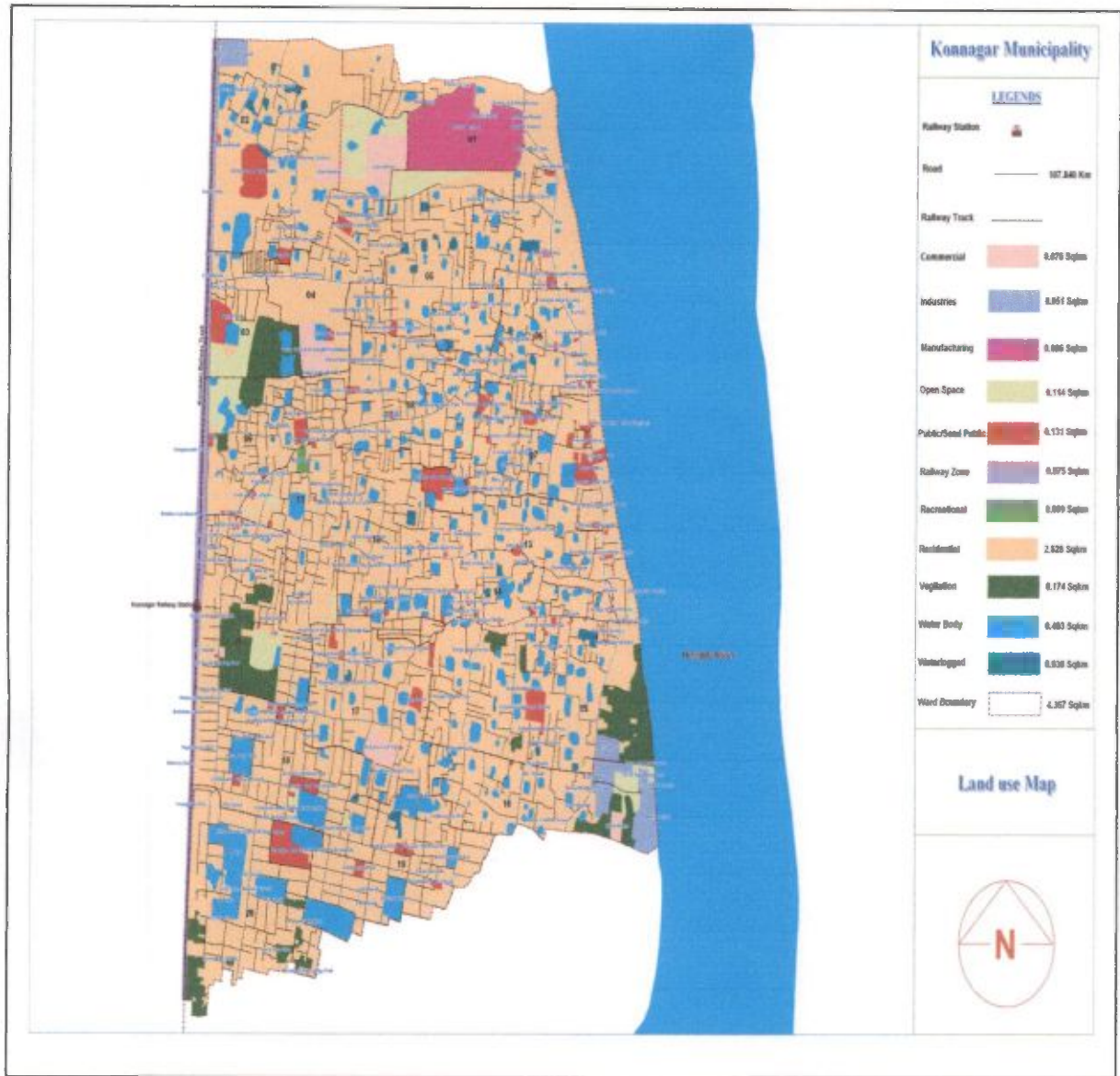
Land use and Land availability

Total area of Konnagar Municipality is 4.67 sq. km. Konnagar is mainly a residential zone or area. Residential zone is near about 3 sq km where there is no agricultural zone at Konnagar Municipality. Commercial land is .014 sq. km. and industrial area is .34 sq. km..From this numerical figures below it is easily seen that there is no specific mixed zone. Local economy is mainly service based and industrial based and many people depend on their small businesses. A big portion of ward no 09, 10,11and 13 are covering by commercial zone because the main Market is situated at ward no 10 and mini markets are at ward no. 09 and 13.

Table-11: Land Use Pattern

Sl. No.	Land Use	Area (In Sq. km.)
1	Agriculture	0
2	Residential	3
3	Industrial	0.34
4	Commercial	0.014
5	Mixed	0
6	Public/Semi Public	0.058
7	Recreational	0.006
8	Open, unused land/undeveloped land	0.95
9	Institutional	0.017
10	Roads	0.26
11	Wetlands/Lakes/Tanks	0.006
12	Public parks, squares and garden	0.0195
	Total	4.6705

Figure-2: Land Use Map



Water

The water supply facilities in the slum pockets are inadequate to meet the rising demand of water supply. In spite of number of spot tube wells the slum dwellers do not get sufficient water every day. They have to depend on polluted ponds or distant stand posts or tube wells. Water pipe line, septic tank etc are also needed for the infrastructure development of slums under Konnagar Municipality.

Drainage

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 town, this accumulated water are carrier of diseases and causes health hazards. The drainage system in the slums is not up to the mark. As a result the slums are worst affected in the rainy season.

Drainage network is a very much important portion of infrastructure. All slums are not covered by drainage at the same time many drains are kaccha and open

Road

The road network in the slums is inadequate to cater to the ever-increasing population of the slums. In order to bear the rising population, an increasing civic, economic and commercial activity in the slums, existing road network in several places need either immediate repair and up gradation and construction of new roads to connect very household.

When we consider infrastructure of the slums, it is seen that although the roads are not very much poor but need to construct new bituminous and concrete roads where necessary. So projects on roads have been taken by this way. Bituminous road of total length 6310m of total project cost 51.81 lakhs will be constructed. The demand of 5825m concrete road of width 2mm miters of project cost 136.19 lakhs.and the project cost of 2254m concrete road of width 3mm is Rs.77.30 lakhs.

Solid waste disposal

Overall management of solid waste is a serious problem to Konnagar Municipality. Although the Municipality is committed to keep the city clean and healthy, by proper scientific disposal and treatment of solid waste generated the existing equipments, man power etc. engaged for this purpose is very much lacking. Efforts are being taken for collection of waste at source by the householders, traders and institutions, but due to lack of public awareness, wastes are thrown outside at random. Recyclable waste materials are also not segregated at source and are disposed off on the streets along with domestic, trade and other wastes. All wastes are being dumped into the municipal drain leading to blockages of the drains and as well as outfalls.

Street Light:

The light system in the slum pockets of Konnagar Municipality is insufficient. With an aim to remove prevailing darkness in slum area at night and alleviate the quality of civic life street lights are very important. So installation of electrical posts with extension of line is required in the slum areas.

All slums are not covering by Streetlights. But Street lights are very much important for all people for safe and secured journey. So 311 no. of streetlight pulls will be commissioned of project cost Rs. 63.04 lakhs.

Latrine & Toilet:

There are some families in the slums who do not have any access to standard sanitary latrines. 1450 nos households as per Insanitary Latrine survey in 2015 use a dug well latrine enclosed by brick wall. Some use the railway track for defecation.

Project Justification

For the following reasons Kannagar Municipality selected the slums namely mentioned below as first project for preparation of DPR under HFAPoA (PMAY):

Table-12: Justification of the Project

Sl.No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitation pattern
1	Jugi Lane Bustee(S.C-008)	The condition of living in the slum is unhygienic	Land belongs to the ULB	More than 10 years	The National Highway is 1-1.5 kms away	Major population is living in huts, made of dama / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
2	Chhai Debi Bustee(S.C-003)	The condition of living in the slum is unhygienic	Land belongs to the ULB	More than 10 years	The National Highway is 1-1.5 kms away	Major population is living in huts, made of dama / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
3	Jorapukur Area(S.C-019)	The condition of living in the slum is unhygienic	Land belongs to the ULB	More than 10 years	The National Highway is 1-1.5 kms away	Major population is living in huts, made of dama / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space

4	Kansari Pukur Bustee No.2(S.C-014)	The condition of living in the slum is unhygienic	Land belongs to the ULB	More than 10 years	The National Highway is 1-1.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space
5	Non Slum	The condition of living in the slum is unhygienic	Land belongs to the ULB	More than 10 years	The National Highway is 1-1.5 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Majority portion of roads are brick paved or damaged roads.	Habitation pattern in the slums is congested with insufficient open space

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 the 2nd year of implementation of Housing for All, 600 beneficiaries have been identified for the construction of New House through BLC. The above beneficiaries have been selected only who have their own land required for the construction of new house under BLC.

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

- "In-situ" Slum Redevelopment using land as Resource(include viability analysis)
- Credit-Linked Subsidy Scheme (CLSS)
- Affordable Housing in Partnership (AHP)
- Beneficiary-led individual house construction or enhancement

In the case of Kannagar 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 1960 household covering under this project. 1960 houses will be constructed through "Beneficiary-led-Construction" Under "Beneficiary-led-Construction" each beneficiary will get 1.5 lakh from central assistance.

Table-13: Slum-wise Intervention strategies for Tenable Slums

Name of the Slum	Area of the Slum in sq. mtrs	Total No. of Slum Households as per Demand Survey*	Proposed Development Strategy		Proposed Year of Intervention
			i. Affordable Housing Project (AHP)		
			ii. Credit Linked Subsidy Scheme (CLSS)		
			iii. Beneficiary Led Construction		
			iv. Clubbing with other Tenable Slums**		
Jugi Lane Bustee(S.C-008)	0.01906	73	III-BLC(73)		2015-16
Jugi Lane Naya Bustee(S.C-007)	0.00090	15	III-BLC(15)		2017-18
Peara Bagan Area(S.C-015)	0.00643	23	III-BLC(23)		2016-17
Jahar Lal Neheru Sarani Area(S.C.-018)	0.00278	24	III-BLC(24)		2018-19
Raja Singh Bustee(S.C-002)	0.01597	13	III-BLC(13)		2018-19
Chhai Debi Bustee(S.C-003)	0.00671	433	III-BLC(433)		2015-16
Lichu Bagan Bustee(S.C-004)	0.01270	10	III-BLC(10)		2018-19
C.S.Mukherjee Street Bustee(S.C.-006)	0.02753	139	III-BLC(139)		2018-19
Sri Durga Talir Line Bustee(S.C-009)	0.01356	36	III-BLC(36)		2017-18
Bengal Fine Bustee(S.C-012)	0.00584	87	III-BLC(87)		2017-18
Harijan Bustee(S.C.-001)	0.00691	1	III-BLC(1)		2016-17
Bazar Ghat Bustee(S.C-010)	0.00322	5	III-BLC(5)		2017-18
Punjabi Bagan Area(S.C-016)	0.00108	4	III-BLC(4)		2017-18
Jana Para Area(S.C.-017)	0.04529	10	III-BLC(10)		2016-17
Bechu Bagan Bustee(S.C-011)	0.09138	21	III-BLC(21)		2016-17
Jorapukur Area(S.C-019)	0.03843	75	III-BLC(75)		2015-16
Kansari Pukur Bustee No.2(S.C-014)	0.02205	58	III-BLC(58)		2015-16
Kansari Pukur Bustee No.1(S.C-013)	0.00790	106	III-BLC(106)		2019-2020

Table-14: Year-wise Proposed Interventions for Other Urban Poor based on demand survey

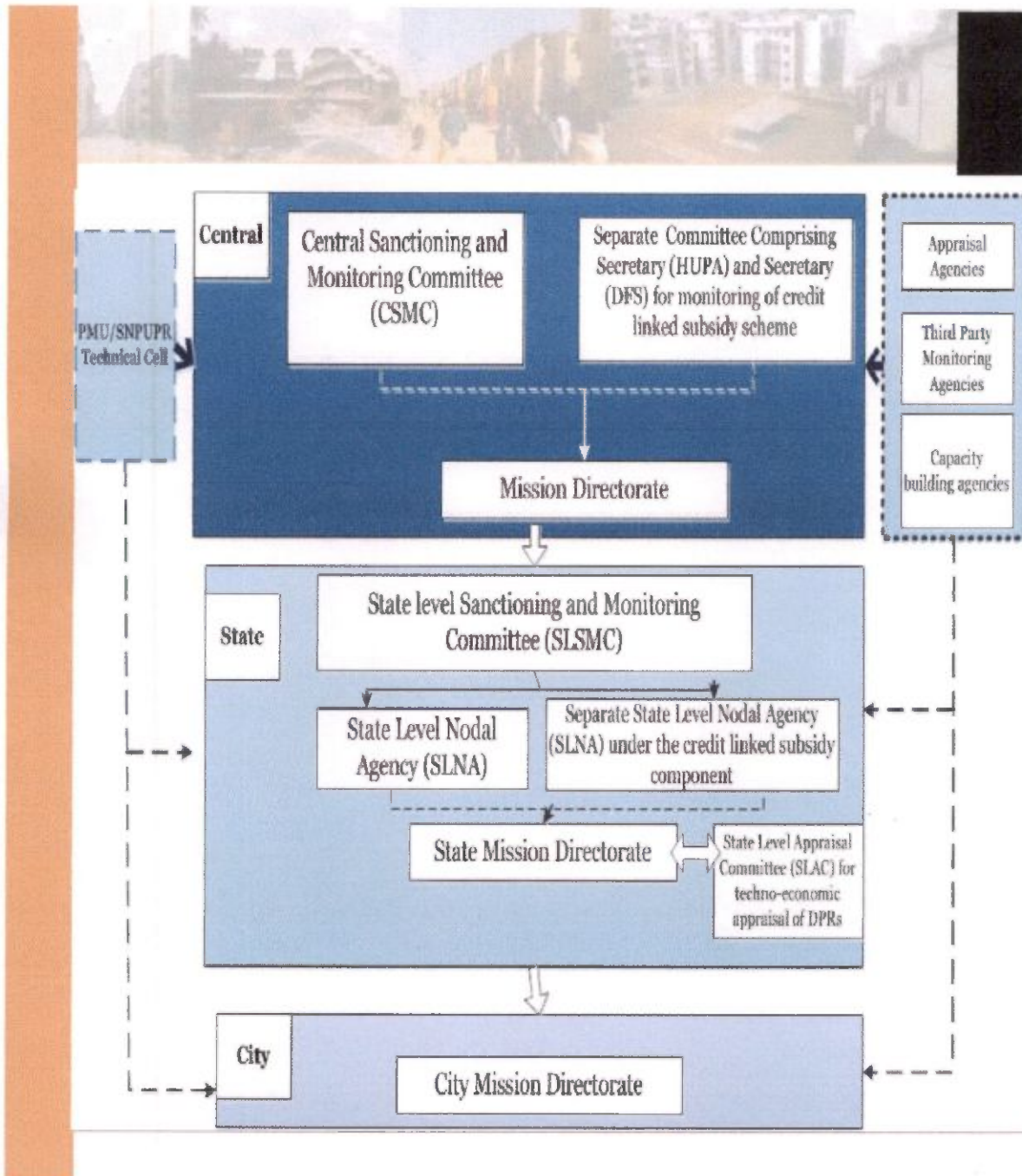
Year	Number of Beneficiaries and Central Assistance Required (Rs. in Crores)									
	Beneficiary-led Construction		Credit Linked Subsidy		Affordable Housing in Partnership		future urban poor projection (AHP)		Total	
	No. of Beneficiaries	Amount	No. of Beneficiaries	Amount	No. of Beneficiaries	Amount	no of beneficiary	amount	No. of Beneficiaries	Amount
2015-16	163	2.44	0	0	0	0	0	0.00	163	2.44
2016-17	325	4.88	0	0	0	0	66	0.99	391	5.87
2017-18	176	2.64	0	0	0	0	34	0.51	210	3.15
2018-19	82	1.23	0	0	0	0	34	0.51	116	1.74
2019-20	81	1.22	0	0	0	0	106	1.59	187	2.81

2020-21	0	0.00	0	0	0	0	0	0.00	0	0.00
2021-22	0	0.00	0	0	0	0	0	0.00	0	0.00
Total	827	12	0	0	0	0	240	3.60	1067	16.00

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 13th FC, 4th SFC, and UWES etc. Beneficiaries belong to pro poor families, unable to contribute the beneficiary contribution under HFA project should be cover under project of SUHP funded by State Government.

Figure-3: Resource mobilization strategy and Implementation strategy



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 decent 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-15: Introduction of slum(s)/non Slum Area

Ward No.	Slum Code	Slum Name	AREA in Sq Mt
1	S.C-008	Jugi Lane Bustee(S.C-008)	19064
1	S.C-007	Jugi Lane Naya Bustee(S.C-007)	9011
2	S.C-015	Peara Bagan Area(S.C-015)	6426
2	S.C.-018	Jahar Lal Neheru Sarani Area(S.C.-018)	2778
3	S.C-002	Raja Singh Bustee(S.C-002)	15970
3	S.C-003	Chhai Debi Bustee(S.C-003)	6711
3	S.C-004	Lichu Bagan Bustee(S.C-004)	12701
4	S.C.-006	C.S.Mukherjee Street Bustee(S.C.-006)	27534
9	S.C-009	Sri Durga Talir Line Bustee(S.C-009)	13559
10	S.C.-012	Bengal Fine Bustee(S.C-012)	5842
11	S.C.-001	Harijan Bustee(S.C.-001)	6913
13	S.C-010	Bazar Ghat Bustee(S.C-010)	3218
15	S.C-016	Punjabi Bagan Area(S.C-016)	1075
16	S.C.-017	Jana Para Area(S.C.-017)	45286
17	S.C-011	Bechu Bagan Bustee(S.C-011)	91380
18	S.C-019	Jorapukur Area(S.C-019)	38433
19	S.C-014	Kansari Pukur Bustee No.2(S.C-014)	22053
20	S.C-013	Kansari Pukur Bustee No.1(S.C-013)	7898

Slum Map

Table-16: Non Slum Area

Ward Name	Total AREA_IN_SQKM	Total Slum AREA_IN_SQKM	Total Non Slum AREA_IN_SQKM
1	0.33	0.04	0.290
2	0.32	0.03	0.294
3	0.24	0.04	0.196
4	0.23	0.03	0.201
5	0.24	0	0.238
6	0.16	0	0.162
7	0.19	0	0.186
8	0.20	0	0.198
9	0.18	0.01	0.166
10	0.31	0.01	0.308
11	0.25	0	0.251
12	0.16	0	0.159
13	0.16	0.01	0.152
14	0.21	0	0.214
15	0.35	0.01	0.342
16	0.20	0.01	0.194
17	0.22	0.06	0.164
18	0.24	0.09	0.147
19	0.20	0.04	0.162
20	0.27	0.02	0.246
Total	4.67	0.39	4.273

Non Slum Map

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

Table-17: Location of slum(s) / non Slum Area, Tenure Status, Land use and Land Possession status

Slum Name	Slum Location	Age of Slum	Ownership of Land	Tenability (Yes/no)	Land Value (Z1 is high and Z4 is low)
Jugi Lane Bustee(S.C-008)	Fringe area	More than 15	Private Land	Yes	Z4
Jugi Lane Naya Bustee(S.C-007)	Core Area	More than 15	Private Land	Yes	Z5
Peara Bagan Area(S.C-015)	Fringe area	More than 15	Private Land	Yes	Z6
Jahar Lal Neheru Sarani Area(S.C.-018)	Fringe area	More than 15	Private Land	Yes	Z7
Raja Singh Bustee(S.C-002)	Fringe area	More than 15	Private Land	Yes	Z8
Chhai Debi Bustee(S.C-003)	Fringe area	More than 15	Private Land	Yes	Z9
Lichu Bagan Bustee(S.C-004)	Core Area	More than 15	Private Land	Yes	Z10
C.S.Mukherjee Street Bustee(S.C.-006)	Fringe area	More than 15	Private Land	Yes	Z11
Sri Durga Talir Line Bustee(S.C-009)	Core Area	More than 15	Private Land	Yes	Z12
Bengal Fine Bustee(S.C-012)	Fringe area	More than 15	Private Land	Yes	Z13
Harijan Bustee(S.C.-001)	Fringe area	More than 15	Private Land	Yes	Z14
Bazar Ghat Bustee(S.C-010)	Fringe area	More than 15	Private Land	Yes	Z15
Punjabi Bagan Area(S.C-016)	Fringe area	More than 15	Private Land	Yes	Z16
Jana Para Area(S.C.-017)	Core Area	More than 15	Private Land	Yes	Z17
Bechu Bagan Bustee(S.C-011)	Fringe area	More than 15	Private Land	Yes	Z18
Jorapukur Area(S.C-019)	Fringe area	More than 15	Private Land	Yes	Z19
Kansari Pukur Bustee No.2(S.C-014)	Core Area	More than 15	Private Land	Yes	Z20
Kansari Pukur Bustee No.1(S.C-013)	Fringe area	More than 15	Private Land	Yes	Z21

a) Spatial coverage and adequacy of Water supply

From analysis of the feedback received from individual wards it is generally found that all households have not yet been connected with the pipe water supply; water pressure in many places is inadequate; turbidity in water observed in few places where the original pipeline laying was made in late 50s. From the municipal record it is seen that house water connection has increased year to year. So new projects on water supply have been considered by this way so that the uncovered area may be covered by water

MED, Govt. of West Bengal

supply. Demand for further quantity of water supply is proposed to be made by installation of few Deep tube wells and boosting pumps with provision of reservoir.

Table-18: Present status of water supply is as follows:

Water Supply (Water Department)		2010-11
	Service Levels	
1.	Total water supplied per day (MLD)	
	Ground water (MLD)	6
	Surface water (MLD)	3.4
2	% of population covered	94
3	% of area covered	98
	Service Coverage	98
1	No. of stand posts (Cumulative figure per year)	
	In slum areas	358
	In non- slum areas	190
2	No. of hand pumps (Cumulative figure per year)	
	In slum areas	160
	In non slum areas	140
3	Per capita supply(in liters) (per day)	0
	Slum	120
	Non slum	116
	Service Cost and Efficiency	
1.	Total no. of connections (Cumulative figure per year)	12840
2.	No. of connections metered (Cumulative figure per year)	

It is seen that total no. of connection is increasing year by year. So our aim is to connect 100% population by water connection. Already 98% area has been covered by water supply. Only 2% has remained uncover.

b) solid waste management

As it is normal in urban area, Konnagar Municipality produces great quantity of solid waste which includes biodegradable, non-biodegradable including medical waste. This is very problematic subject and in the past these were utilized in filling low areas of the Municipality, resulting sanitation and health hazards. At present Konnagar Municipality is showing great interest in collecting solid waste through door to door collection.

c) Sewerage

It is generally seen that there remains a good length of semi pucca drain requiring conversion to pucca drain. Water logging occurs many areas at different wards due to absence of drainage system or poor drainage system. Following the contour of Konnagar Municipality all the drainage lines were laid irrespective of freefall, resulting water logging in places. To rectify this defect, depths of the drainage channel are to be resection from place to place. Two underground sewerage lines have been installed in C.S Mukherjee Street and part of S.C Chaterjee Street crossing Cripier Road and Haran Banerjee Lane. Performances of these two sewerage lines have not yet been properly judged. It is however, to be stressed that underground sewerage line throughout the Municipality is a necessity both for sanitation and environmental ground.

Due to open drainage system in vogue, mosquito breeding is unbearable. Covered sewerage should be attempted in for main roads. The tanks and ponds in Konnagar Municipality area kept clean. Daily spreading of bleaching powder/mosquito oil is considered.

d) storm water drainage

Providing safe sanitary system for all inhabitants. Ensuring that the entire existing main channel drain and all other connecting (pucca/katcha) drains are renovated with proper width and slope for disposal of drain water into existing main outfall drains and canals. Conversion of the existing open drains to closed drainage system within the Konnagar area. Special emphasis is to be given on the areas which become under logged during rainy season.

3.3. Existing basic infrastructure and its coverage**The project slums and existing scenario of infrastructure:**

4 nos Slums have been selected as a First Project under PMAY scheme by Kannagar Municipality in consultation with the state level Nodal Agency - The State Urban Development Agency (SUDA) under M.A. Department, GoWB.

Jugi Lane Bustee

The project slum site is at the core area of the Municipality at Ward no-01. Metal road is running in front of the slums connects it to major areas of Kannagar Municipality. The nearest railway station at a distance is 2.0Km. The slums are 15 years old with a total site area is 19064 square metres. The ownership of land lies with ULB. The existing number of households is 337 with a total population of 1163. Most of the slum dwellers works as casual labour in local industries, others engaged in local housekeeping, as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas.

The environmental condition in the slum is little bit poor. The slum is partially covered with surface drains but drains are tilted and broken condition resulting clogging. Most of the roads within slums are semi metallic or kuchha road. There is 100% street lights present in the slum. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health. The site visit has revealed unhygienic condition prevailing there at present due to absence of any organized structures and infrastructure for keeping them. Most of the dwelling units are kaccha or dilapidated. There is need of water connection in this slum.

Chhai Debi Bustee

The project slum site is at the core area of the Municipality at Ward no-03. Metal road is running in front of the slums connects it to major areas of Kannagar Municipality. The nearest railway station at a distance is 3.0Km. The slums are 10 years old with a total site area is 67110 square metres. The ownership of land lies with ULB. The existing number of households is 467 with a total population of 1254. Most of the slum dwellers works as casual labour in local industries, others engaged in local housekeeping, as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas.

The environmental condition in the slum is little bit poor. The slum is partially covered with surface drains but drains are tilted and broken condition resulting clogging. Most of the roads within slums are semi metallic or kuchha road. There is 100% street lights present in the slum. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health. The site visit has revealed unhygienic condition prevailing there at present due to absence of any organized structures and infrastructure for keeping them. Most of the dwelling units are kaccha or dilapidated. There is need of water connection in this slum.

Jorapukur Area

The project slum site is at the core area of the Municipality at Ward no-18. Metal road is running in front of the slums connects it to major areas of Kannagar Municipality. The nearest railway station at a distance is 3.0Km. The slums are 15 years old with a total site area is 38433 square metres. The ownership of land lies with ULB. The existing number of households is 85 with a total population of 295. Most of the slum dwellers works as casual labour in local industries, others engaged in local housekeeping, as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas.

The environmental condition in the slum is little bit poor. The slum is partially covered with surface drains but

drains are tilted and broken condition resulting clogging. Most of the roads within slums are semi metallic or kuchha road. There is 100% street lights present in the slum. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health. The site visit has revealed unhygienic condition prevailing there at present due to absence of any organized structures and infrastructure for keeping them. Most of the dwelling units are kaccha or dilapidated. There is need of water connection in this slum.

Kansari Pukur Bustee No.2

The project slum site is at the core area of the Municipality at Ward no-19. Metal road is running in front of the slums connects it to major areas of Kannagar Municipality. The nearest railway station at a distance is 3.0Km. The slums are 10 years old with a total site area is 22053 square metres. The ownership of land lies with ULB. The existing number of households is 235 with a total population of 811. Most of the slum dwellers works as casual labour in local industries, others engaged in local housekeeping, as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas.

The environmental condition in the slum is little bit poor. The slum is partially covered with surface drains but drains are tilted and broken condition resulting clogging. Most of the roads within slums are semi metallic or kuchha road. There is 100% street lights present in the slum. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health. The site visit has revealed unhygienic condition prevailing there at present due to absence of any organized structures and infrastructure for keeping them. Most of the dwelling units are kaccha or dilapidated. There is need of water connection in this slum.

Non Slum

The project slum site is at the core area of the Municipality at Ward no-1,2,4,5,7,8,12, 13, 14, 15, 16 and 17. Metal road is running in front of the non slums connects it to major areas of Kannagar Municipality. The nearest railway station at a distance is 2.0Km. Most of the slum dwellers works as casual labour in local industries, others engaged in local housekeeping, as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas.

The environmental condition in the slum is little bit poor. The slum is partially covered with surface drains but drains are tilted and broken condition resulting clogging. Most of the roads within slums are semi metallic or kuchha road. There is 100% street lights present in the slum. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health. The site visit has revealed unhygienic condition prevailing there at present due to absence of any organized structures and infrastructure for keeping them. Most of the dwelling units are kaccha or dilapidated. There is need of water connection in this slum.

Details of Social Infrastructure at a Glance:**Table-19: Details of Social Infrastructure at a Glance****1. Jugi Lane Bustee**

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 10 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA

Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

2. Chhai Debi Bustee

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 10 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA

Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

3. Jorapukur Area

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 10 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA

Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

4. Kansari Pukur Bustee No.2

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 10 km

Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

Non Slum

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA

Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 10 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

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 hither to 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 centres 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:

- | | | |
|--------------------------|-------------------------------------------|-----------------|
| <input type="checkbox"/> | Kolkata Municipal Corporation Area | 200 lpcd |
| <input type="checkbox"/> | Howrah Municipal Corporation Area | 150 lpcd |
| <input type="checkbox"/> | 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

Konnagar 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, PVC, 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 kutchra 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 widened 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 Kutcha 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 worthy 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-22: Dwelling units

Building type	Number of DU
In situ single Unit	600 within slums and non slums

Building Plan

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

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

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)
- NBC:2005

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:

The decision would be left to the remaining share would have to be arranged by the State. State will 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-23: 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

4.2. Disaster Management and Mitigation

Most of the citizens admit the necessity of elimination of hazards arising out of collapse of ill maintained buildings of temporary nature during periods of heavy rains and storms and immediate renovation of drainage system by construction of drains of adequate size and re-sectioning of the channels for increasing their carrying capacities by following appropriate design for the same. 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)

Table-22: 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 ii) The outfall is in natural stream; measures shall be taken to prevent sediment into the stream.	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.
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	<i>Locations vulnerable to induced development: In such location the Municipality has committed not to allow building construction activity.</i> 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. Detailed Estimates

5.2.1. Detailed Estimate of Provision of Housing

Table-26: 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- 32.58 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 Floor Area 25.77 sqm					
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm .	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				

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Konnagar Municipality

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DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE Pradhan Mantri Awas Yojana Housing For All (Urban) Total Covered Area- 32.58 sq.m (With Electrical Works) Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigena Floor Area 25.77 sqm					
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
3	Supplying Laying Polithin Sheets etc. SOR, PWD, P-45, T - 13	22.000	sqm	25.00	550.00
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering.a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety SOR, PWD, Page 24 ; Item -10 a	3.500	cu.m.	5823.00	20380.50
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete. SOR, PWD, P-45, T-12	6.810	sqm,	297.00	2022.57
6	Brick work with 1st class bricks in cement mortar (6:1)				
	a) In foundation and plinth.	10.430	cum	5719.00	59649.17
	b) In super structure SOR, PWD, P-29, T -22(a), (b)	15.240	cum	5943.00	90571.32
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor SOR, PWD, P-73, I -29	23.220	sq.m.	783.00	18181.26
8	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety SOR, PWD, P-14, T -7(i)	3.940	cu.m.	6851.66	26995.54
9	Reinforcements for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16G black annealed wire at every inter-section, complete as per drawing and direction.				
	(a) For works in foundation, basement and upto roof of ground floor / upto 4m. (i) Tor steel/Mild steel. SOR, PWD, P-27, T -15(i)	0.309	MT	60705.93	18775.74
10	Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs,				

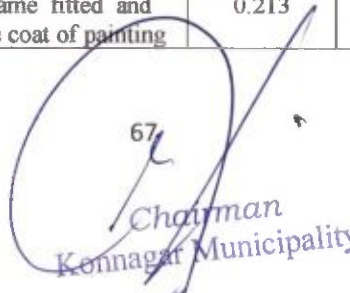
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 Chairman
 Konnagar Municipality

 Sub-Assistant Engineer
 Konnagar Municipality

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE Pradhan Mantri Awas Yojana Housing For All (Urban) Total Covered Area- 32.58 sq.m (With Electrical Works) Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda Floor Area 25.77 sqm					
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	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) b) Out side Wall, 15mm th. SOR, PWD, P-151, I -2 (i)(c) B)10mm th ceiling plaster (4:1) SOR, PWD, P-151, I -2 (i)(c)	116.940	sq.m.	181.00	21166.14
		111.950	sq.m.	156.00	17464.20
		23.330	sq.m.	140.00	3266.20
12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. SOR, PWD, P-152, I -8	26.700	sq.m.	38.00	1014.60
13	Artificial stone in floor,dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick SOR, PWD, P-40, I -3 (i)	26.490	sq.m.	265.00	7019.85
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1)a fitted and fixed omplete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) SOR, PWD, P-90, I -18 (c)	34	each	22.00	748.00
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting	0.213	cu.m.	46171.00	9834.42

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 Chairman
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 Sub-Assistant Engineer
 Konnagar Municipality

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE Pradhan Mantri Awas Yojana Housing For All (Urban) Total Covered Area- 32.58 sq.m (With Electrical Works) Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda Floor Area 25.77 sqm					
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	at the contact surface of the frame other Local wood SOR, PWD, P-85, T -1(j)				
16	Panel Shutter of door & Window (each Panal Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panal of size 30 to 45 cm. Other Local wood SOR, PWD, P-105, I -84 (iv)c	8.520	sq.m.	1567.00	13350.84
17	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a)75mm x 47mm x 1.70mm SOR, PWD, P-91, T -20(iv)	32.000	each	34.00	1088.00
18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia SOR, PWD P-93, I-25,c	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats SOR, PWD, P-155, I -3 (b)	124.960	%sq.m.	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothening surface thoroughly external surface One Coat SOR, PWD, P-155, I - 4(ii)(a)	100.560	%sq.m.	1514.00	1522.48
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand papering etc. 1) On timber surface SOR, PWD, P - 162, I - 7(a) 2) On Steel Surface SOR, PWD, P - 162, I - 7(b)	21.690 2.700	sq.m. sq.m.	41.00 31.00	889.29 83.70
22	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : With super gloss (hi-gloss)-With any shade except white. a) On timber or plastered surface Two Coats b) On Steel surface Two Coats SOR, PWD, P - 162, - 8A(aii),(bii)	21.690 2.700	sq.m. sq.m.	89.00 86.00	1930.41 232.20
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with	2.000	each	193.00	386.00

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Chairman
Konnagar Municipality

Sub-Assistant Engineer
Konnagar Municipality

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE					
Pradhan Mantri Awas Yojana Housing For All (Urban)					
Total Covered Area- 32.58 sq.m (With Electrical Works)					
Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda					
Floor Area 25.77 sqm					
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	16 mm diad with center bolt and round fitting. 300 mm long SOR, PWD, P-93, I - 27c				
24	Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item will not be issued by depts. 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
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	1.000	each	923.00	923.00

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DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE					
Pradhan Mantri Awas Yojana Housing For All (Urban)					
Total Covered Area- 32.58 sq.m (With Electrical Works)					
Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda					
Floor Area 25.77 sqm					
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	the exposed surface. S Trap 100 mm SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)				
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 plastering and neat cement punning on top of the slab and making hooking arrangement on slab for lifting of the slab if require as well as jointing the connection with the inspection pit (450 x 450) covered with 50mm thick RCC slab (4:2:1) with stone chips and necessary reinforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder earth including supplying fitting fixing fibre glass pan P-tap & polythene pipe as per requirement to connect with the inspection pit complete with all respect as per direction of EIC. (ANNEXURE-II)	1	Item	7544.00	7544.00
	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)					

Table-27: ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY

ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY					
(ANNEXURE-I)					
Sr No	Item of works	Unit	Rate	Quantity	Amount
1	Supplying & fitting polythene pipe complete with fittings as necessary. Under celing /beam/bound with 22SWG GI wire inclusive S & Drawing 1x18 SWG GI wire as fish wire inside the pipe & fittings and providing 55 mm dia disc of MS sheet (20SWG) having colour paint at one face first ended at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction) 19 mm dia 3 mm thick polythene pipe	RM	39.00	25.00	975.00

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2	Powerckt wiring supplying and drawing 1 ; 1KV grade single core stranded FR PVC insulated & unseathed single core stranded Copper wire (Finolex make) 2 x 2.5 sqmm (PH & N) + 1x1.5 sqmm (ECC) per laid polythene pipe and by the prelaid GI fish wire & making necessary connections as required.	RM	76.00	50.00	3800.00
3	Concealed Distribution wiring in in 2x1.5 sqmm single core standard *FR* insulated and unseathed cop per wire Finolex make & 1x1.5 sq mm single core stranded PVC 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 maching colour) Top cover (3 mm thick) flushed in wall including mending all good damages to original finish Average per point 6.00 mt.	points	828.00	10.00	8280.00
4	Deistribution concealed wiring with 2x1.5 sq mm (PH & N) single core stranded FR PVC insulated & 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 insulted & unseathed cu wire (finolex) used as ECC in 19 mm bore, 3 mm thick polythene pipe complete with all accessories embedded in wall 250 volt 5 amp 3 pin plug point including S & F 250 Volt 5 amp 3 pin flush type plug socket & piano key type swich (Anchor make) on existing switch board as mentioned sl. no.3	points	76.00	2.00	152.00
5	Supplying & drawing 1.1 KV grade single core srtranded FR PVC insulated & unseathed single core sranded cu Wire 3x2.5 sq mm (finolex make) in the prelaid polythene pipe & by the prelaid GI fishwire & making necessary connection as required (CESC supply to consumer DP near to CESC & inside the room another DP near CESC & inside the room another DP of dwelling units)	RM	86.00	15.00	1290.00
Sl. No	Item of works	Unit	Rate	Quantity	Amount
6	Supplying Delivery & instalation on wall of 30/32 amp DP MCBof Havel's make with enclosed box along with all its necessary 1 connection complete.(Anchor)	nos	808.00	2	1616.00
7	Earthing in soft soil with 50 mm dia GI pipe (TATA make Medium) 3.64 mm th. X 3.04 Mir long and 1 x 4 SWG GI (hot dip) wire (4 m long) 13 mmdia x 80 mm long GI bolts, double nuts, double washer including S & F 15 mm dia GI protection (1 mtr long) to be filled with bitumen partlyunder the ground level & partly above GL driven to an average depth of 3.65 m below the GL & restoring surface duly rammed.	each	1715.00	1	1715.00
8	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

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		TOTAL	17858.00
Rupees Thirteen Thousand Eight Hundred Seventy Eight Only			17858.00

Table-28: 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 exavation not existing 1500mm P.No-1, I-2(a)	2.500	%Cu.M	12047.00	301.18
2	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. In ground floor and foundation (a) 6:3:1 proportion.	0.050	Cu.M	5803.06	290.15
3	Brick work with 1st class bricks in cement mortar (6 :1). a) In foundation & Plinth P.no-29, I-21(a)	0.010	Cu.M	5719.00	57.19
4	125 mm. thick brick work with 1st class bricks in cement mortar (4 : 1) G.Floor 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. -I n ground floor and foundation. [Using concrete mixture] M 20 Grade P.no-12, I-6(a)	0.145	Cu.M	6871.54	996.37
6	Reinforcemnet for reinforced concrete work in all sorts of structures incl. Distribution bars, stirrups, binder etc. incl. supply of rods, initial straightening & removal of loose rust (if necessary), cutting to requisite length, hooking etc P.no-27, I-15(a)(i)	0.010	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-29: Detailed Estimate for Single Dwelling unit

Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.58 sqm							
	C/L of main outer wall		125 mm Partitionwall			Varandah C/L	
	4.65		3.375			1.275	
	0.8		1.15			0.9	
	1.15		1.15	2.3		2.175	
	3.45		2.187				
	1.15		1.9				
	1.7		1.387	5.474			
	3.375		11.149				
	1.275						
	2.825						
	3.125						
	23.5						
	X wall	1.25					
Sl.no.							
1	Earth workin excavation						
	250 mm wall						
	1	23.5	0.75	0.7	12.34		
		0.875	0.75	0.7	0.46		
		24.375			12.8	m3	
	125 mm Wall						
		2.625	0.4	0.225	0.24		
	WC	0.4	0.4	0.225	0.04		
	Bath	0.65	0.4	0.225	0.06		
	5.474	0.75		0.225			

Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.58 sqm							
	C/L of main outer wall				125 mm Partitionwall		Varandah C/L
		4.724	0.4	0.225	0.43		
	Varanda	1.425	0.4	0.225	0.13		
					0.88		
	Step	0.5	0.9	0.075	0.034		
					13.715	m3	
2	Soling						
		24.375	0.75		18.281		
		11.45	0.4		4.58		
					22.861		
3	Polythene sheet						
		2.575	3.125		8.047		
		2.875	2.625		7.547		
		2	1.65		3.3		
	passage	0.625	2.375		1.484		
	Bath&WC	2.7	0.9		2.43		
	Varndah	1.025	0.6		0.615		
	step	0.9	0.5		0.45		
					23.873		
4	Jhama concrete						
			18.28	0.075	1.371		
			4.58	0.075	0.344		
			23.93	0.075	1.795		
					3.51		
5	Earth work in filling 1/5 excavation						
			13.715	5	2.743		
			23.48	0.375	8.805		
					11.548	m3	
6	B.W (6:1) in Foundation of plinth						
		23.5	0.625	14.6875			
		23.5	0.5	11.75			
		23.5	0.375	8.8125			
				35.25	0.15	5.288	
		23.5	0.25		0.525	3.084	
	X wall	0.938	0.625	0.586			
		1	0.5	0.5			
		1.063	0.375	0.399			
				1.485	0.15	0.223	
		1.125	0.25		0.525	0.148	

Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.58 sqm									
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L	
	125mm	3.125	0.25		0.525	0.41			
	Bath&WC	2	0.9	0.25	0.523	0.235			
	Kit	5.224	0.25		0.525	0.686			
	Vard	1.925	0.25		0.525	0.253			
	Steps	0.5	0.9		0.15	0.068			
		0.25	0.9		0.15	0.034			
						10.427	m3		
7	DPC	23.5							
		1.125							
		24.625		0.25		6.156			
		3.125							
		1.8							
		5.224							
		10.149		0.125		1.269			
						7.425			
	Less	0.9		0.25	0.225				
		0.9		0.125	0.113				
	3	0.75		0.125	0.281				
						0.619			
						6.806	sqm		
8	BW in super structure (6:1)								
		23.5							
		1.125							
		24.625	2.75	0.25	16.93				
	Parapet	23.8	0.075	0.25	0.446				
						17.376			
	Less opens								
	1	0.9	2.1	1.89					
	4	0.9	0.9	3.24					
	1	0.75	0.9	0.675					
	3	0.75	0.75	1.688					
				7.493	0.25	1.873			
	Lintel								
	1	1.525	1.525						
	4	1.2	4.8						
	1	1.05	1.05						
			7.375	0.25	0.1	0.184			
	Wo2								
	1	3.05	3.05	0.25	0.1	0.076			
					(-)	2.134			
	Net brick work						15.242	m3	

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Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.58 sqm							
	C/L of main outer wall				125 mm Partitionwall		Varandah C/L
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						
	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			

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Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.58 sqm									
C/L of main outer wall				125 mm Partitionwall			Varandah C/L		
D1	1	1.275	1.275						
W02	1	3.05	3.05						
			10.155	0.3	0.075	0.228			
						3.866	m3		
11	Reinforcement								
	3.866	0.80%	1	7850	0.243	MT			
12	Shuttering								
31	23.5	1.125							
		24.63	0.25						
31			6.156	24.844					
Side beam	2	3.125	0.15	0.9375					
	2	2.325	0.1	0.465					
side slab	1	25.3	0.1	2.53					
Lintel	1	0.9	0.25	0.225					
	1	1.525	0.1	0.153					
	1	1.275	0.35	0.446					
	1	0.3	0.05	0.015					
					29.615	sqm			
4W1	4	0.9	0.25	0.9					
	4	1.2	0.1	0.48					
	4	1.2	0.35	1.68					
	2	4	0.3	0.05	0.12				
1W2	1	0.75	0.25	0.188					
	1	1.05	0.1	0.105					
	1	1.05	0.35	0.368					
	2	1	0.3	0.05	0.03				
W02	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			

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Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.58 sqm							
	C/L of main outer wall				125 mm Partitionwall		Varandah C/L
13	Plaster (6:1)						
	Out side 15 mm th.						
			2.85	1.125	0.45		
		25.3			4.425	111.953	sqm
	Inside 20 mm th.						
	2	2.7	3.125	2.75	32.038		
	2	2.875	2.625	2.75	30.25		
	2	2	1.65	2.75	20.075		
	2	2.075		2.75	11.413		
	Above lintel						
	1	0.75		0.65	0.488		
	Bath						
	2	0.9		2.75	4.95		
	WC						
	1	2.95		2.75	8.113		
	1	2.25		2.75	6.188		
	4	2.2		0.9	7.92		
	T. 125 wall						
	2	0.9		0.125	0.225		
						121.658	
	Open out side less						
	3	0.75		2.1	4.725		
					(-)	4.725	
						116.933	sqm
	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

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Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.58 sqm									
	C/L of main outer wall			125 mm Partitionwall			Varandah C/L		
				0.75	0.1	0.075	Sqm		
	In side punning						15.31	15.31	
	Total							26.695	Sqm
15	Art. Stone flooring								
	Floor area					25.37	sqm		
	Step	2	0.9	0.25		0.45			
	W1	4	0.9	0.1		0.36			
	W2	1	0.75	0.1		0.075			
	W3	3	0.75	0.1		0.225			
							26.48	Sqm	
16	Ms Clamp for door & window								
	D1+D2	4	6			24			
	W1+W2	5	2			10			
							34	nos.	
17	Wood work in Door & window frame								
	D1	2	5.1	10.2					
	D2	2	4.95	9.9					
	W1	4	3.6	14.4					
	W2	1	3.3	3.3					
				37.8	0.075	0.075	0.213	m3	
18	Z batten shutter								
	D1	2	0.775	2.025		3.139			
	D2	2	0.625	2.025		2.531			
	W1	4	0.775	0.775		2.403			
	W2	1	0.775	0.625		0.484			
							8.557	sqm	
19	Iron Butt Hinges								
	D1+D2					12			
	W1	4	4			16			
	W2	1	4			4			
							32	nos.	
20	Iron soket bolt								
	Door			6					
	Window			5					
							11	nos.	
21	White wash								
	Inside+Ceiling Plaster- inside punning								
			116.933	23.33	15.31		124.953	sqm	
22	Colour wash								

Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.58 sqm							
	C/L of main outer wall			125 mm Partitionwall			Varandah C/L
	Out side Plaster- out side punning						
			111.953	11.385		100.568	sqm
23	Priming on timber surface						
	2	2	0.9	2.1	7.56		
	2	2	0.75	2.1	6.3		
	4	2	0.9	0.9	6.48		
	1	2	0.75	0.9	1.35		
						21.69	sqm
24	Painting best quality on wooden surface						
	same sl.no. 23					21.69	sqm
25	MS ornamental gril... 10Kg-16 Kg						
	W1	4	0.75	0.75	2.25		
	W2	1	0.75	0.6	0.45		
					2.7		
					@12Kg/sqm	32.4	Kg
26	Priming on Steel surface					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

5.2.2. Detailed Estimate of adoption of Concrete Road:

Table-30: Detailed Estimate of adoption of technology for Concrete Road

ESTIMATE FOR CONSTRUCTION OF CONCRETE ROAD 2.5 MRTRE WIDE								
Pradhan Mantri Awas Yojana Housing For All (Urban)								
Reference of Schedule of Rates : PWD (W.B.), Corrigenda								
PWD BUILDING SCHEDULE 2014								
Sl No	Description of Items	Length	Breadth	Depth	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 aqs required complete. Depth of exavation not existing 1500mm P.No-1, I-2(a)	1.00	2.5	0.400	1.000	%Cu.M	12047.00	120.47
2	Filling foundation or plinth by silver sand in layer not exceeding 150 mm. as directed and consolidating same by through saturation with water ramming complete. Including the cost of supply of sand. (a) by fine sand P.No-2, I-4(B)	1.00	2.5	0.200	0.500	%Cu.M	110422.00	552.11
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand P.no-11, I-1	1.00	2.5		2.500	Sq.M	377.00	942.50
4	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes P.no-24, I-10(a)	1.00	2.5	0.125	0.313	Cu.M	6802.74	2,125.86
5	Brick edging 75 mm. wide with picked jhama bricks, laid true to line and level including cutting necessary trench in sopil or in hard metalled surface, laying the bricks and repacking the trench (on both sides of the edging) with spoils and ramming the same throughly, complete as per direction. (b) Brick-on-end edging (250 mm) depth. P.No-189, I-3(b)	2.00			2.000	%Mtr	9392.00	187.84
6	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipalpal /Corporation Rules forsuch disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in -Charge P.no-9, I-13	1.00	2.500	0.400	1.000	Cu.M	168.00	168.00
							Total=	4,096.78
							Total=	4,097.00

Rate Analysis

Brick Work 4:1 in foundation & plinth

Step - 1	Schedule Rate	Rs	6068.00(A)
Step - 2	Deduct cost of cement=(Qty of cement)x(issue rate of cement vide item no-1 column-4 Table I-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(Qnty 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.)

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81

Chairman
Konnagar Municipality

Sub-Assistant Engineer
Konnagar Municipality

ESTIMATE FOR CONSTRUCTION OF CONCRETE ROAD 2.5 METRE WIDE

Pradhan Mantri Awas Yojana Housing For All (Urban)

Reference of Schedule of Rates : PWD (W.B.), Corrigenda

PWD BUILDING SCHEDULE 2014

Sl No	Description of Items	Length	Breadth	Depth	Quantity	Unit	Rate	Amount
	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 Concrete 1:1.5:3

Step - 1	Schedule Rate	Rs	6802.63 (A)
Step - 2	Deduct cost of cement=(Quantity of cement)x(lissue rate of cement vide item no-1 column-4 Table 1-1 of Annexure-1 0.286x8100	Rs	2316.6 (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.286x7364	Rs	2316.71 (C.)
	Note:- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D	Rs	6802.74 (D)

Rate Analysis

P.C.C 1:3:6 With Jhama Khoa

Step - 1	Schedule Rate	Rs	5803.00 (A)
Step - 2	Deduct cost of cement=(Quantity of cement)x(lissue rate of cement vide item no-1 column-4 Table 1-1 of Annexure-1 0.16x8100	Rs	1296.00(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.16x7364	Rs	1296.06 (C.)
	Note:- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D	Rs	5803.06 (D)

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				

MED, Govt. of West Bengal

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

5.2.3. Detailed Estimate of adoption of Water Connection:

Table-31: Detailed Estimate of adoption of technology for Water Connection

OFFICE OF THE BOARD OF COUNCILLORS KONNAGAR MUNICIPALITY, COST ESTIMATE OF THE INTERIOR PIPE LINE FOR SINGLE DWELLING UNIT P.W.D S.O.R Sanitary and Plumbing Work from 1 st July-2014					
SL NO	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
1 P-11 I-19(I)	Supplying fitting fixing PVC pipes of pproved quality conforming to ASTM D-1785 and threaded to mach with GI pipes as per IS: 1239 (Part-I) wit all necessary accessories specials viz. socket, berry, tee, union, cross, elbow, nipple, long screw, reducing socket, reducing tee, short piece, etc. complete in all respect including cost of all necessary fittings as required jointing materials and two coats of painting with approved paint in any position above ground. (a) For exposed work PVC Pipes 15mm dia	12.00	Meter	106.00	1272.00
2 P-6 I (f)(f)	Supplying fitting and fixing polythene Bib Cock with metal inlet (EMCO / ATLAS or equivalent) 15mm	3.00	Each	100.00	300.00
Total=					1572.00
Rupees One Thousand Five Hundred Seventy Two Only.					


 Chairman
 Konnagar Municipality


 Sub-Assistant Engineer
 Konnagar Municipality

Section 6 – Project Implementation & Management Framework

6.1. Institutional Framework for implementation

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.

Konnagar Municipality

- I. Konnagar Municipality shall be the nodal agency for implementation of DPR under HFA and has set up a robust administrative structure for implementation. The roles and responsibilities of the key stakeholder are as follows:
- II. **Housing for All Nodal Officer:** Executive Officer of the Konnagar Municipality has been designated as the HFA Nodal Officer for the Konnagar Municipality demonstrating the commitment and willingness of the Konnagar Municipality to implement the DPR under HFA
- III. **Housing for All Working Group:** Konnagar Municipality has created a HFA working group with departmental heads of all key departments including PWD, Revenue, Health, Water Supply, Planning, Poverty and BSUP. The working group was instrumental in preparing the DPR under HFA and going forward will be responsible for the implementation of DPR under HFA
- IV. **Slum level federation at city level and slum dweller association at slum level:** Konnagar Municipality has two CDS covering 21 wards and plan to establish a slum level federation at city level and slum dweller association at slum level for smooth implementation of HFA and ensuring that the detailed project reports are prepared in consultation with the community. The slum dweller association would also implement the O&M plan, which community had agreed upon, by collecting the contributions amongst themselves and formation of group housing societies as may be required.

6.2. Implementation schedule

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)

Table-32: Quarterly component wise investment schedule vis-a-vis means of finance (Central/State/ULB/Beneficiaries share)

Fund Type	Total Project cost			DU for 600 nos			Physical Infrastructure		
	DU for 600 nos	Physical Infrastructure	Total	1st Quarter	2nd Quarter	Total	1st Quarter	2nd Quarter	Total
Central	900	0	900	450	450	900	0	0	0
State	1158	110.4	1268.4	463.2	694.8	1158	55.2	55.2	110.4
ULB	0	110.4	110.4	0	0	0	55.2	55.2	110.4
Beneficiaries share	150	0	150	150	0	150	0	0	0
Total	2208	220.8	2428.8	1063.20	1144.80	2208.00	110.40	110.40	

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.

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

The Road needs to be maintained. It is proposed that operation and maintenance and servicing of these roads should 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 Municipality shall carry out the overall operation and maintenance.

Section 8 – Project Financials**Table-33: Project Financials**

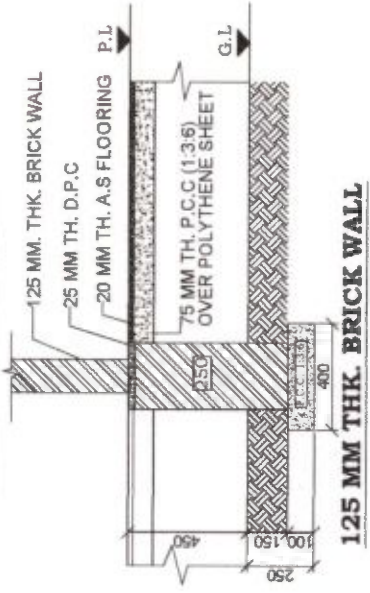
Component	Central share	State share	ULB share	Beneficiary Share	Total project cost
Housing	900	1158	0	150	2208
Infrastructure	0	110.4	110.4	0	220.8
*O&M charges	0	0	0	0	0
*DPR Preparation, PM, TPIM, Social Audit Charges	0	0	0	0	0
Others	0	0	0	0	0
Total	900.00	1268.40	110.40	150.00	2428.80

Future Provision for construction of Housing

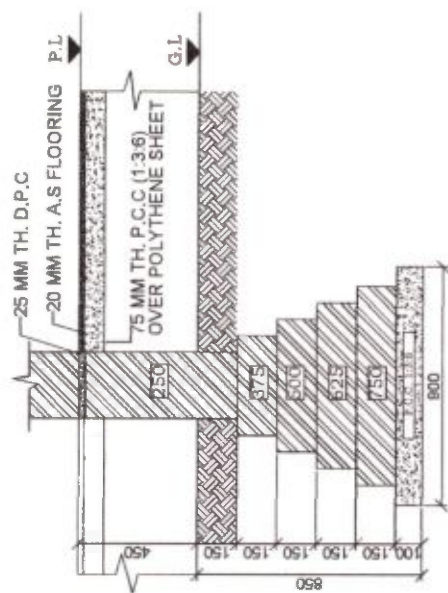
The poor people, who are residing on the land of Railway, the housing will be constructed on the railway land by Konnagar Municipality if the Railway Dept. Govt. of India gives any permission.

Drawing of DU, Road etc.

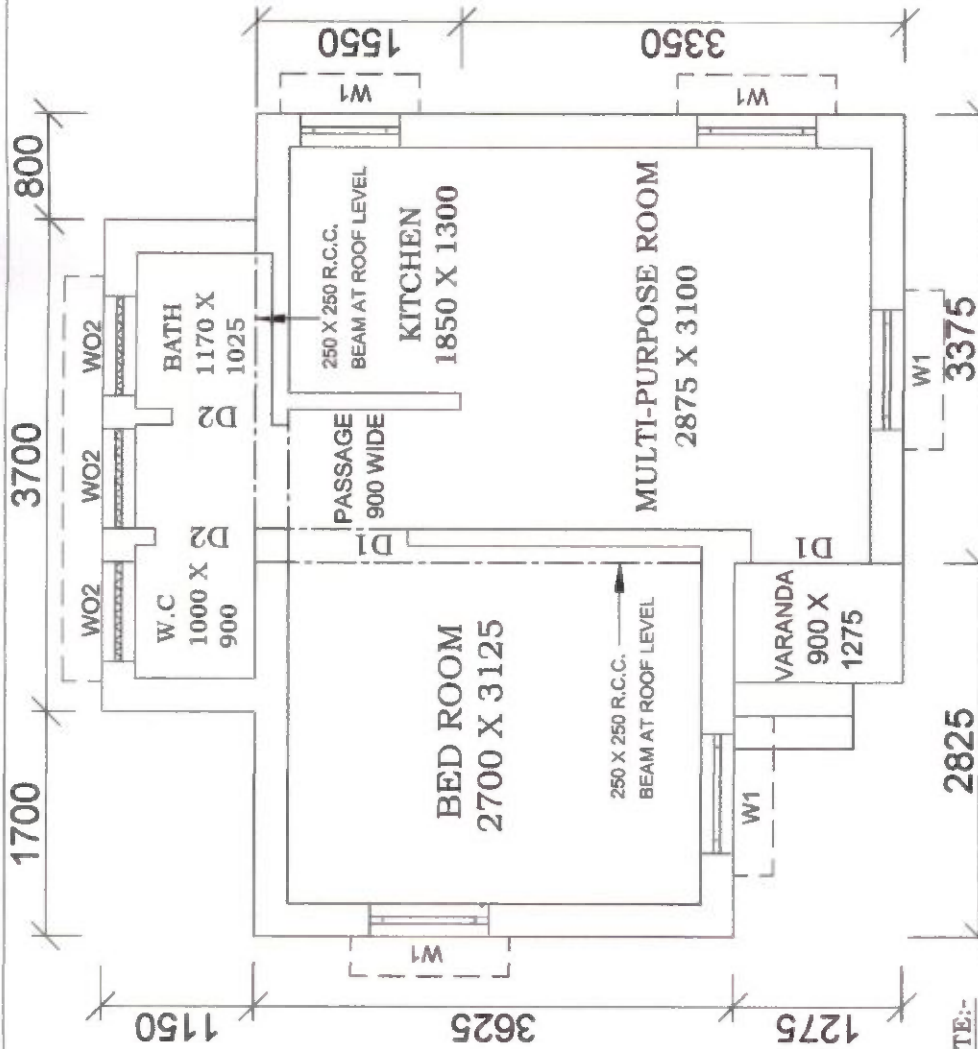
FOUNDATION DETAILS



125 MM THK. BRICK WALL



250 MM THK. BRICK WALL



NOTE:-

1. ALL WINDOW OPENINGS (W1&W2) WILL BE PROVIDED WITH Z-BATTEN SHUTTERS.
2. ALL DOORS (D1&D2) - 25TH Z-BATTEN SHUTTERS, SINGLE LEAF.
3. W02 - OPENING PROVIDED WITH R.C.C. - JALLI.
4. PLINTH HEIGHT - 450 TH.
5. CEILING HEIGHT - 2750 TH.
6. MAIN WALL - 250 TH.
7. PARTITION WALL - 125 TH.
8. ROOF SLAB, BEAM, LINTEL, ETC. WITH REINFORCED CEMENT CONCRETE M20 GRADE.
9. FLOOR OF VERANDAH, W.C. BATH, & KITCHEN ROOM TO BE KEPT 15 MM BELOW THE FLOOR LEVEL OF ROOM & PASSAGE.
10. 100 MM TH. PIECE LINTEL OVER OPENING HAVE BEEN PROVIDED.
11. ALL DIMENSION ARE IN MM.

DOORS & WINDOWS SCHEDULE	
MARKING	DIMENSION
W1	900 X 900
W2	750 X 900
W02	750 X 750
D1	900 X 2100
D2	750 X 2100

FLOOR AREA - 25.37 SQM.

BUILT UP AREA - 32.18 SQM.

PRADHAN MANTRI AWAS YOJANA

HOUSING FOR ALL (URBAN)

OFFICE OF THE CHIEF ENGINEER

MUNICIPAL ENGINEERING DIRECTORATE

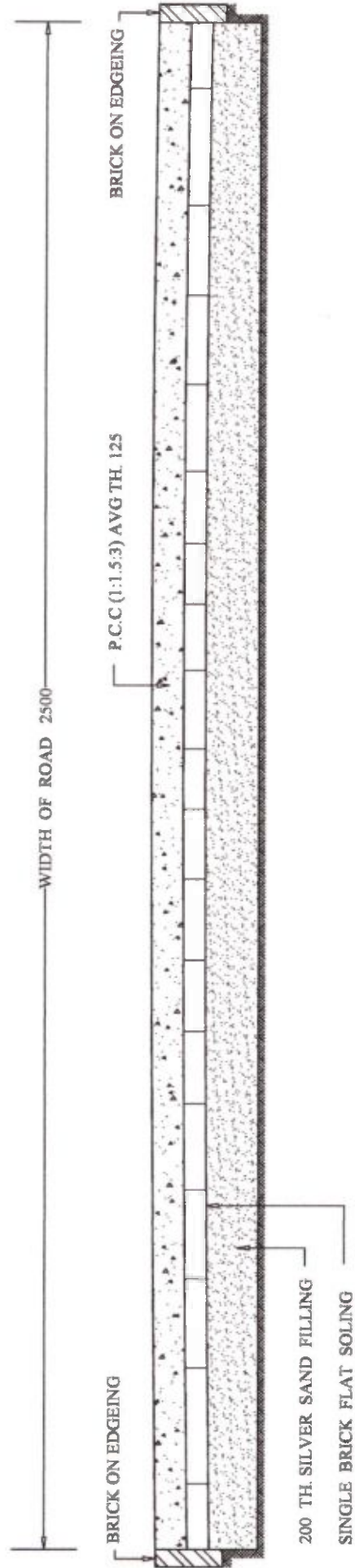
GOVT. OF WEST BENGAL

DWG. NO.

SCALE :- 1:50 & 1:25

KONNAGAR MUNICIPALITY
KONNAGAR

TYPICAL CROSS SECTION OF CEMENT CONCRETE ROAD



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

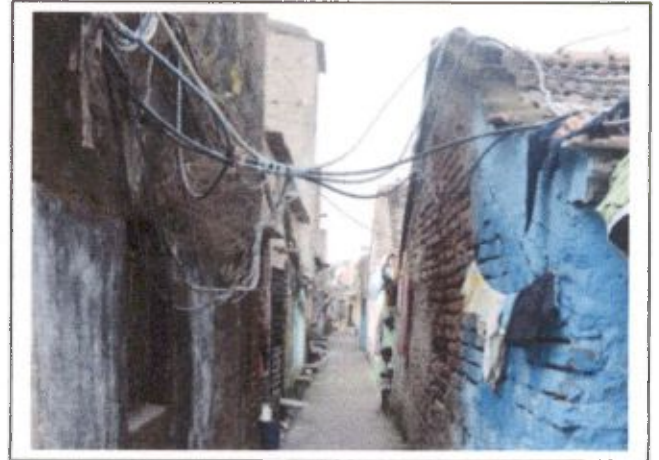
Annexure for Slum and Non Slum Beneficiary List

Annexure for Slum and Non slum photos

Slum Photos



JUBILANE BASTEE



CHAIDEBI BASTEE



JORAPUKUR AREA



KASARI PUKUR BASTEE

A handwritten signature or scribble in blue ink, consisting of a large loop and several lines extending downwards and to the right.

Non Slum Photos



Ward No-1



Ward No-2



Ward No-4



Ward No-5



Ward No-7



Ward No-8












A large, stylized signature or mark in blue ink, located at the bottom of the page. It consists of several loops and lines, resembling a signature.

KONNAGAR MUNICIPALITY















PMAY (HFA- 2022)

BENEFICIARY LIST OF KONNAGAR MUNICIPALITY















WARD -1 TO 20

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	WARD NO.	Category						Gender	UID NO.	PHOTO		
					SC	ST	OBC	Minority	PH	EWS				General	
1	SIUCHARAN SHAW	ARJUN SHAW	15/6/A	1							EWS	General	MALE	388966930529	
2	BHASKAR RAO	DHARMA RAO	15/E	1							EWS	General	MALE	520861850983	
3	HYDER ALI	SAJJAD HUSSAIN	7/H	1							EWS	General	MALE	634061886105	
4	MD SAGIR	MD MAINUDDIN	7/H/1	1							EWS	General	MALE	930174346141	
5	BIJAY MALI	GANESH MALI	10	1							EWS	General	MALE	803223366150	
6	SABITRI HAZRA	TAULA GHOSH	6/20/A/2	1							EWS	General	FEMALE	545983339148	
7	ANNAPURNA HAZRA	RAMCHANDRA DAS	6/20	1							EWS	General	FEMALE	628641605352	
8	BHAGABATA HAZRA	YUDHISTIR HAZRA	6/9/A	1							EWS	General	MALE	623317150432	
9	VANAPALLI CHALAPATI	ANSARI	109/B/20	1							EWS	General	Male	908113617361	
10	BAGADI ARPA RAO	LT. RAM CHANDRA RAO	15/41	1							EWS	General	Male	461917067811	
11	JINGA NARASAMMA	LT NAGESHWAR	6/5	1							EWS	General	Male	721071337253	
















 Chairman
 Konnagar Municipality

12	MASABATTULA VENKATA RAO	LT RAM CHANDRA	6/5/A	1									EWS	General	Male	679294215037	
13	BATTULA PARVATI	RAM BACHAN	6/5	1									EWS	General	Male		
14	KALLURI NARASAMMA	RAM BACHAN	6/6	1									EWS	General	Male		
15	KNDALA VARAPRASAD	LT ANURODH	6/6	1									EWS	General	Male	818777486384	
16	MASABATTULA VENKATA RAO	LT VIVEKANDA	6/6	1									EWS	General	Male	784700576265	
17	KUNA RAJU	LT. BHAGWAT	9	1									EWS	General	Male	786404894637	
18	SATYA NARAYAN SINGH	LT SHEO KUMAR	9	1									EWS	General	Male	309600822140	
19	KILLI ESWAR RAO	LT. SHEO KUMAR	3/A	1									EWS	General	Male	267315449515	
20	SUDIP SARKAR	PURNA CHANDRA SARKAR	N-32/54	2									EWS	General	MALE	368390532324	
21	CHANCHAL ROY	BHUPENDRA NATH ROY	5/A	2									EWS	General	MALE	726111180080	
22	MANJU DEB	NIRAPADA DASGUPTA	30	2									EWS	General	FEMALE	503846662466	
23	SIMA DAS	BISWANATH DAS	19	2									EWS	GENERAL	FEMALE	599997009788	
24	MAHADEB CHOWDHURY	SHIBAJI CHOWDHURY	N-32/61	2									EWS	General	MALE	910198020245	
25	SHYAMSUNDAR DAS	PACHUGOPAL DAS	18/C	2									EWS	General	MALE	831878547763	















Kannager Municipality
Signature

26	ANANDA SANTRA	AMULYA SANTRA	37/C	2						EWS	General	MALE	797414140025	
27	KESHAB CHANDRA DAS	GOPAL CHANDRA DASQ	18/A	2						EWS	General	MALE	509761497745	
28	JAGANNATH KAR	BALARAM KAR	29	2						EWS	General	MALE	621454740237	
29	MAHADEB CHOWDHURY		N-32/61	2						EWS	General	MALE		
30	PANU BIBI	SAHADAK	130	2						EWS	General	FEMALE		
31	SHIKHA DEY	DEBABRATA DEY	22	2						EWS	General	MALE	633532917458	
32	DIPAK BARUA	MAHENDRA LAL BARUA	N-32/48	2						EWS	General	MALE	590034899209	
33	SANJOY SARKAR	SANTOSH SARKAR	42	2						EWS	General	MALE	483425844230	
34	ANIMA DAS		N-32/13	2						EWS	General	FEMALE	814713628895	
35	HENARANI SARKAR	SHYAMA CHARAN SARKAR	4/A	2						EWS	General	FEMALE	209469763656	
36	RINA MALLICK	NETAI MALLICK	92	2	SC					EWS		MALE	304660613122	
37	SUKANTI BEHARA	LT MADAN KUMAR	3/A	2						EWS	General	Male	916375829993	
38	CHANDANA PAL		20/B	2						EWS	General	FEMALE		
39	K. JOGA RAO		3	2						EWS	General	Male	464654838088	
















 Konnagar Municipality

40	BINOD KR JENA	LT RAJAK	15/22	2						EWS	General	Male		
41	A. KRISHNA RAO	BISWANATH	6/9	2						EWS	General	Male	611650026412	
42	K. MOHAN RAO		15/24	2						EWS	General	Male	573018357866	
43	TRINATH SAHU		15/D	2						EWS	General	Male	733761134113	
44	S. AMMAI		15/J	2						EWS	General	Male	778879552072	
45	K. VENKATA RAO		15/J	2						EWS	General	Male		
46	KOMMANA JAGADISH RAO		15/J	2						EWS	General	Female	502170161858	
47	MASABATULLA VENKATA RAO		15/J	2						EWS	General	Male	758582128966	
48	B. VEERAJU		15/G	2						EWS	General	Male	456860859570	
49	K. APPANNA	LT RAGHUNATH	15/J	2						EWS	General	Male	917665521818	
50	L. DHARMA RAO	LT SHIBSHANKAR	9	2						EWS	General	Male	652684192708	
51	S. K. MURTY	LT RAGHUNATH	9	2						EWS	General	Male	370835924576	
52	M. LAXMINARAYAN	LT MATILAL	9	2						EWS	General	Male	669884707248	
53	PENKU SINGH	LT RAGHUNATH	9	2						EWS	General	Male	477970051891	
















 Chairman
 Konnagar Municipality

54	RAMA DOME	BHUTTU LAL MALLICK	9	2						EWS	General	Male	626311848868	
55	DEBABRATA RAY	BENU RAY	5	3						EWS	General	MALE	324191621559	
56	MAMANI MALLICK	SHARAT MALLICK	126/B/2	3						EWS	General	FEMALE	726009348621	
57	BARUN KR CHOWDHURY	ABINIKANTA CHOWDHURY	11/A	3						EWS	General	MALE	702276551068	
58	SWAPAN DAS	UPENDRA CHANDRA DAS	39/A/4	3						EWS	General	MALE	748885519805	
59	TAPASI SARKAR	SANJIT SARKAR	59/C	3						EWS	General	FEMALE	770271797890	
60	SUJIT KR ROY	PARAMESWAR ROY	49/A	3						EWS	General	MALE		
61	MANJU SARKAR	PRATAP SARKAR	41/102/A	3						EWS	General	FEMALE		
62	SANJAY BARDHAN	SANKAR BARDHAN	58/A/6	3						EWS	General	MALE	825527765943	
63	NATHINI SHAW	DEODHARI SHAW	62/10	3						EWS	General	MALE	734791792809	
64	SATYA NARAYAN PAUL	SANKAR PAUL	185/158	3						EWS	General	MALE	608305396434	
65	U. JYOTI	LT RAMESH CH	15/13	3						EWS	General	Male	928662993353	
66	U. MOHAN RAO	LT AJIT	6/16	3						EWS	General	Male	818021083416	
67	U. APPALASWAI		6/16	3						EWS	General	Male		



 Chairman
 Konnagar Municipality















68	NALLA KRISHNA RAO	LT GOBANDHAN	6/16	3								EWS	General	Male	267698840743	
69	S. AMMAYI	NIRAPADA	6/16	3								EWS	General	Male	239299613029	
70	APPALA SURAMMA	TRINATH	4/A/1	3								EWS	General	Male	428880744111	
71	SRI KRISHNA ANDHRA LIBRARY	RABINDRA E	5/G	3								EWS	General	Male	333010420205	
72	V. CHALAPATI RAO	BISWANATH	5/D	3								EWS	General	Male	915245787824	
73	P. JAGAMU	LAKSHMI NARAYAN	4/C/1	3								EWS	General	Male		
74	U. SENDHRI	SUPENDAR SINGH	5/A/1	3								EWS	General	Male	966860617614	
75	U. VEERAYYA	LT PRANID NARAYAN	5/A	3								EWS	General	Male	946963123223	
76	P. CHANDRA SEKHAR RAM	RUHINI	6/16	3								EWS	General	Male	447074199777	
77	L. LAXMI NARAYANA	SADHAN CHANDRA	6/16	3								EWS	General	Male	735987379384	
78	DARI YADAV	LT RAMCHANDRA	10/C	3								EWS	General	Male	987651634797	
79	PANDIRI PAPA RAO	LT JAGADISH	10/C	3								EWS	General	Male	933655735477	
80	SUNDARA KRISHNA MURTHY	RABINDRANATH	15/10/A	3								EWS	General	Male	764528067867	
81	S. K. MURTHY	NABIN	15/6/A	3								EWS	General	Male	694682600210	


 Konnagar Municipality
 Office

82	S. SATYAVATI	NARAYAN C	15/6	3									EWS	General	Male	249244719206	
83	SUNITA SHAW	RAMAUTAR SHAW	14/8/M	3									EWS	General	FEMALE	733888403945	
84	A. KRISHNA RAO	SHYAMLAL	8	3									EWS	General	Male	512803452934	
85	L. BHASKAR RAO	LT NIRANJAN	1/A	3									EWS	General	Male	252901277816	
86	R. GOPI RAO	LATE NARESH CHANDRA	1	3									EWS	General	Male	758971572588	
87	S.K.ANDHARA BALA BAKTA SAMAJAM	SHASTI SANTRA	2/A	3									EWS	General	Male	738560485769	
88	K. BABU RAO	LT RABINDRA	37	3									EWS	General	Male	51807094541L	
89	R. RAMA RAO	LT NARESH	39/B	3									EWS	General	Male	442969690525	
90	YARRDULA PRABHAKAR RAO	PARTHA RAKSHIT	12/A	3									EWS	General	Male	917075306133	
91	SIMMAA	LT JAGANATH	12/A	3									EWS	General	Male	286993559054	
92	SANDHYA ADHIKARY	GOKUL CH ADHIKARY	11/G/1	4									EWS	General	FEMALE	726052887181	
93	MANJU MAITY	BISWAJIT MAITY	2/A	4									EWS	General	FEMALE	405576639417	
94	RAM ROY	GOPAL ROY	8/A	4									EWS	General	MALE	777468735937	
95	BASANTI DAS	BOMKESH DAS	84/B	4									EWS	General	FEMALE	870863871564	















Konnagar Municipality
Chaitanya

















96	BHOLA RAJAK	MISHREE RAJAK	212	4									EWS	General	MALE	355059437917	
97	SURAJ SINGH	SHEOSANKAR SINGH	90	4									EWS	General	MALE	555849489228	
98	HARI SANKAR SINGH	RAMSINGAR SINGH	90	4									EWS	General	MALE	623954739658	
99	KAUSHILYA PARSII CHOWDHURY	BHISHANDEB PARSHI	80/C	4									EWS	General	FEMALE	839270703627	
100	ANWAR ALI	MD NAIMI	92	4									EWS	General	MALE	838389997708	
101	PANNALAL HALWAI	THAKURLAL HALWAI	76/A	4									EWS	General	MALE	529851771768	
102	SUJAY SAMANTA	SUJIT SAMANATA	10	4									EWS	General	MALE	283033620864	
103	SHIMULENDU DAS	SAMARENDRA DAS	N-3/9	4									EWS	General	MALE	401135733251	
104	SUMANA BERA	SUNIL BERA	11/A/2	4									EWS	General	FEMALE	252788723491	
105	NIVA BERA	GOBINDA PADA BAKSHI	11/A/3	4									EWS	General	FEMALE	326723210392	
106	KALYANI GUCHAIT	TARAPADA GUCHAIT	4/A	4									EWS	GENERAL	FEMALE	933909515167	
107	KANAILAL BHUIINYA	SUDHIR CHANDRA BHUIINYA	16/A/3	4									EWS	General	MALE	859241876431	
108	BUDDHADEB SARKAR	PARESH SARKAR	25	4									EWS	General	MALE	994019935944	
109	MUTNI DEBI TATWA	CHANDRIKA TATWA	89/B	4									EWS	General	FEMALE	901761266730	

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110	BALAI CHANDRA MONDAL	NANILAL MONDAL	24/1/2	4						EWS	General	MALE	457683804020	
111	BRAJENDRA NATH MAITY	GOSTA BIHARI MAITY	2/B	4						EWS	General	MALE	314040356497	
112	BAPI ROY	SWAPAN ROY	N3/8	4						EWS	General	MALE	218368789544	
113	BASANTI DAS	SUBAL DAS	84/B	4						EWS	General	FEMALE	870863871564	
114	ARCHANA KUNDU	RAKHAL CHANDRA SEN	7/2	4						EWS	General	FEMALE	696345002199	
115	PURNIMA CHOUDHURY	NEPAL CHANDRA PAL	28/A	4						EWS	General	FEMALE	827429954136	
116	PRABIR PARUI	NRISHINGHA DAS PARUI	11	4						EWS	General	MALE	323348848690	
117	ANUP KR GHOSH		98/G	4						EWS	General	MALE		
118	HARI DAS BISWAS	RAMCHANDRA BISWAS	11/A	4						EWS	General	MALE	434233766157	
119	ARUP DHARA	SUKUMAR DHARA	98/B	4						EWS	General	MALE	560548551018	
120	PAPPU PROSAD MAROWA	DASARATH PROSAD MAROWA	80/A	4				ST		EWS		MALE	926683437019	
121	SUMONA BERA	ARUN KR MALI	11/A/2/A	4						EWS	General	FEMALE	252788723491	
122	NIVA BERA	GOBINDA PADA BAKSHI	11/A/1/A	4						EWS	General	FEMALE	326723210392	
123	GOPAL NATH	KASHI NATH	21/A	4						EWS	General	MALE		
















 Chetan
 Konagar Municipality

124	BHARTI RAO	LT SHAMBU	185/474/A	4						EWS	General	Male		
125	SUBRATA SARKAR		213/A	4						EWS	General	MALE		
126	GOBINDA DEBNATH	BALAI	10/B	4						EWS	General	MALE	813556095802	
127	KOMMANA KALI DAS	MADAN	185/468/C	4						EWS	General	Female	534998548796	
128	K. VENKATA SWAMY	LT. GOSTA BIHARI ROY	185/468/A	4						EWS	General	Male	752012246419	
129	MONA RAY	LT. GOSTA BIHARI ROY	185/609	4						EWS	General	Male	302034049646	
130	D. RAJESHWAR RAO	LT. RAGHUNATH	N-185/591	4						EWS	General	Male	889671394119	
131	T. APPLASWAMI	LT. HARI SADHAN	185/477/A	4						EWS	General	Male	589448548610	
132	T. RAVI	LT. TARAK NATH	185/554	4						EWS	General	Male		
133	PANDIRI CHIRANJEEVI	LT. HARENDRA NATH	185/470	4						EWS	General	Male	534307680170	
134	SURESH DAS	LT. GOUR MOHON	N-185/468/A	4						EWS	General	Male	283116342969	
135	MANU SEK	LT. KAILASH	185/548/A	4					MINORITY	EWS	General	Male	813180726384	
136	MANU SEK	LT. BHOLA	189/A/10	4					MINORITY	EWS	General	Male	636556722606	
137	PWAN KUMAR MALI	PANKALI MALI	16/A/5	5						EWS	General	MALE	439567898824	
















 The undersigned
 Kongar Mungli

138	RAM KRISHNA MANNA	NANDA DALAL MANNA	25/E/3	5							EWS	General	MALE	720178728934	
139	MINA HAZRA	JATINDRA NATH DAS	21/B	5							EWS	General	FEMALE	377262421951	
140	SUDHA ROY	SAILEN ROY	18/C	5							EWS	General	MALE	424714631724	
141	NAMITA CHAKRABORTY		23/9	5							EWS	General	FEMALE		
142	SHYAMSUNDDAR DUTTA		2/A	5							EWS	General	MALE		
143	SHANKAR DEBNATH		2,5	5							EWS	General	MALE		
144	RABINDRA NATH KHANRA	KRITTIBUS KHANRA	26/C	5							EWS	General	MALE		
145	MINA MANNA		6/G	5							EWS	General	FEMALE		
146	SUPADA SARKAR		26,6	5							EWS	General	MALE		
147	ASHIM MAL		4/A	5							EWS	General	MALE		
148	RAMKRISHNA MANNA		25/E/3	5							EWS	General	MALE		
149	SHIBRAM MANNA	DURGADAS MANNA	3/B/2	5							EWS	General	MALE		
150	GITA KUNDU	SUFAL KUNDU	5/A	5							EWS	General	FEMALE	468694724781	
151	SANDHYA SRIMANI		4/A/2	5							EWS	General	FEMALE		
















 Sandhya Srimani
 Konnagar Municipality


152	SOMNATH ADAK	SANATAN ADAK	156/A/2	5										EWS	General	MALE	288569496944	
153	SANKU ADAK	SANATAN ADAK	156/A/2	5										EWS	General	MALE	679781017901	
154	RABI KHANRA	KRITTIBUS KHANRA	26/B	5										EWS	General	MALE	707759693222	
155	PRADIP CHAKRABORTY	JAGANNATH CHAKRABORTY	23,9	5										EWS	General	MALE	912040022119	
156	MANIKA ROY	BISWANATH LAL	2/B/1	5										EWS	General	FEMALE		
157	DALI GHOSH	SAMIR CHANDRA GHOSH	53/D/5	5										EWS	General	FEMALE		
158	JHARNA GANGULY	GOPAL GANGULY	61/A/	5										EWS	General	FEMALE		
159	ASHOKA CHOWDHURY		25/C	5										EWS	General	FEMALE		
160	KAMAL KUMAR GOSWAMI	SACHINDRA GOSWAMI	53/D/13	5										EWS	General	MALE	306307650577	
161	USHA DEBNATH	KESHTA PADA DEBNATH	56/6	5										EWS	General	FEMALE	550526238598	
162	ARATI LAL	NAKHATRA DEBNATH	2/B/1	5											General	FEMALE	465569308770	
163	DWIJENDRA CHANDRA SARKAR	DIGENDRA CHANDRA SARKAR	52/D/1	5											General	MALE	998449265241	
164	ASHIM KUMAR MAJHI	ANIL MAJHI	57/1	5										EWS	General	MALE		
165	ABHIJIT DAS	SHANKAR DAS	138	5										EWS	General	MALE	655598661481	
















 CH. MAJHI
 Konagar Municipality

166	SAKADAT SEK	LT. BIJOY GOBINDA DUTTA	185/548	5								EWS	General	Male	670146766110	
167	KANIJU SEK	LT. BIJOY GOBINDA	185/757	5								MINORITY	General	Male	618635418830	
168	SITA DEVI	LT. RADHESHYAM	185/476	5									General	Male	763149930499	
169	T. ANANDA SWAMI	LT. LAKSMI NARAYAN DAS	185/596	5									General	Male	285216780019	
170	UTTA RAJU	LT. TARAK NATH	185/554/A	5									General	Male	323967242394	
171	L. BHASKAR RAO	LT. GOBARDHAN	N-185/468	5									General	Male	600172601261	
172	P. KRISHNA SWAMI	LT. MAHIT MOHAN PATRA	185/592/A	5									General	Male	782826252656	
173	ALLADA MANGAMMA	LATE MADAN MOHON	185/471/A	5									General	Male		
174	B. ANAND RAO	LT. GIRJABHUSAN	189/B/17	5									General	Male	874499984661	
175	T. NARAYANA	AMA	170/A/1/D	5									General	Male	652877086020	
176	BAL BHADUR	LATE ASROF DOME	179	5									General	Male	634280576282	
177	BIHARI RAM	LT. MOHIT MOHAN PATRA	170/A/1	5									General	Male	628090752492	
178	JITU PRASAD	LAKSHMI NARAYAN DAS	179	5									General	Male	850849425800	
179	SITA DEVI	LT PRANAB NARAYAN	7/20	5									General	Female	533295818728	


 Chairman
 Konnagar Municipality

180	SANTOSH MAHARANA	SUPENDAR	144/A/11/C	5						EWS	General	Male		
181	PRATAP PANDA	MD JAHIR	144/A/11/A	5						EWS	General	Male	278821231015	
182	AJIT SARKAR	RAAMESH SARKAR	59/C	6						EWS	General	MALE	492071532322	
183	SHEFALI SARKAR	UMESH DAS	59/C	6						EWS	General	FEMALE	925769175687	
184	BHARAT CHANDRA POLLEY		15/C	6						EWS	General	MALE		
185	SANJOY CHAKRABORTY	HARIPADA CHAKRABORTY	71/20	6						EWS	General	MALE	413857687868	
186	SATINATH PACHAL	KARTICK CHANDRA PACHAL	10/A/1	6						EWS	General	MALE	339126826571	
187	SAMIR ROY	KANAI ROY	22/A/3	6						EWS	General	MALE	200755730575	
188	SHILA DAS	KHOKAN SARKAR	57/1	6						EWS	General	FEMALE	960367773671	
189	MAYA ADAK	JATINDRA SAHA	156	6						EWS	General	FEMALE	219353292794	
190	DEBI ROY	MADAN ROY	41	6						EWS	General	FEMALE	540446863384	
191	ROBIN PAL	BISWANATH	118/A/4	6						EWS	General	Male	931217308079	
192	LAL CHAND	RABINDRA	172/D	6						EWS	General	Male	968454307710	
193	LAKHI SARKAR	TRINATH	172/A/3	6						EWS	General	Male		
















 Konnagar Municipality

194	MINU GHOSH	NIRAPADA	181/A	6					EWS	General	Female	840597537975	
195	SAMSA BEGAM	LT GOBARDHAN	184	6					EWS	General	Female	413098814965	
196	BIMAL PAL	RADHA RAMAN	118/A/6	6					EWS	General	Male	269531523997	
197	SHABUDDIN KHAN	LT RAMESH	192	6			MINORITY		EWS	General	Male	789343037644	
198	SALIM KHAN	LT AJIT PAILEN	185/550	6			MINORITY		EWS	General	Male		
199	MAYA SARKAR	LT PRAMOTHNATH	185/757	6					EWS	General	Female		
200	AJOY KUMAR MONDAL		26	6					EWS	General	MALE		
201	NAKU ROY		40	6					EWS	General	MALE		
202	ANJALI CHAKRABORTY	KEDARSWAR ROY CHOWDHURY	36	6					EWS	General	FEMALE	812693730481	
203	NAMITA DAS	HIREN DAS	58/A	7					EWS	General	FEMALE	783070532281	
204	BISWANATH CHAKRABORTY	JITEN CHAKRABORTY	40	7					EWS	General	MALE	639359216534	
205	SUNITI MUKHERJEE	NAREN MUKHERJEE	64/A	7					EWS	General	FEMALE	827649822858	
206	ABDUL HAKIM MALLICK			7			Minority		EWS	General	MALE		
207	AMARNATH JANA		26	7					EWS	General	MALE		
















 Konarger Mohan Ghosh

208	MINATI BARIK	LAKSHMI BARIK	10/E	7						EWS	General	FEMALE	260872802262	
209	MAHENDRA NATH JANA	RADHA KRISHANA JANA	26	7						EWS	General	MALE	672875479277	
210	BISU BISKARMA	LT. MILKAMAL HIRA	41/229/A	7						EWS	General	Male	985970784504	
211	RAJU BISKARMA	LT. DEB KR. GUPTA	185/475	7						EWS	General	Male	876545016929	
212	R. KURMA RAO	GOPAL ROY	24/B	7						EWS	General	Male	951065990411	
213	SREE CHANDAN RAO	LT. SUKUMAR S	41	7						EWS	General	Male	712749811276	
214	SREE BHAGWAN SHAW	LT. ASHUTOSH	64	7						EWS	General	Male	284972001789	
215	S.N.A.Y.S SANGAM	LT. ASUTOSH DEBNATH	64/b/1	7						EWS	General	Male	254169815030	
216	MANGAL KOIRI	LT. ASHUTOSH	189/B/15	7						EWS	General	Male		
217	BABULAL SAHA	LT. ASHUTOSH	189/B/17/A	7						EWS	General	Male	404152095240	
218	USHA NAYAK	PANCHU GOPAL	189/B/8/A	7						EWS	General	Female	894330682051	
219	TARINI PARIDA	RAMBACHAN	189/B/6/A	7						EWS	General	Male	876435424777	
220	RAM PATI RAM	LT. NEMAI	189/B/17/C	7						FWS	General	Male	878475060416	
221	DAMURU JENA	LT. KHOKAN	189/B/16	7						EWS	General	Male	878475060416	















Konarak Kumbh Mela
Konark, Odisha
15/05/2019

222	SHYAM BEHARI RAM		189/B/6/A	7						EWS	General	Male	800886254036	
223	SERU DAFADAR	SANATAN	189/B/6/A	7						EWS	General	Male	925989813292	
224	DIPAK DAS		189/B/19/A	7						EWS	General	Male	929019762717	
225	M. PADMA	SATYA	189/A/A	7						EWS	General	Female		
226	AVAD KISHORE HARIJAN	DHARMA	189/A/5	7						EWS	General	Male	498481679321	
227	B. SALAJAMI	ABHIJIT	189/A/14	7						EWS	General	Male	979649463537	
228	AKBAR ALI	MAKBUL HOSSAIN	189/A/17/1	7					MINORITY	EWS	General	Male		
229	SANJAY GHOSH CHOWDHURY	KALPANA GHOSH CHOWDHURY	8	8						EWS	General	MALE		
230	SHEFALI RANI BHATTACHARYA		48	8						EWS	General	FEMALE		
231	RABIN ADAK		116	8						EWS	General	MALE		
232	JHUMA BISWAS	KANAILAL BAG	4/A	8						EWS	General	FEMALE	256446450266	
233	LUKMAN SEK	LT. RAMAJIT MALLAH	189/A/16	8					MINORITY	EWS	General	Male	204538751224	
234	RABIN ADAK		116	8						EWS	General	MALE		
235	SUKU		189/A/2/3	8						EWS	General	Male	421132787645	
















 Chairman
 Konnagar Municipality

236	BASIRUL HUK		189/B/18	8						MINORITY		EWS	General	Male	346649599250	
237	MANTA BEGAM		189/A/2/A	8						MINORITY		EWS	General	Female	639364709630	
238	SEKH ASIDALI		189/A/2	8						MINORITY		EWS	General	Male		
239	SIRAJ DAFADAR		N-198/C/1	8								EWS	General	Male	776453009205	
240	IBRAHIM HOSEN		189/B/14	8						MINORITY		EWS	General	Male	931278810710	
241	RAMENDRA ROY		70/41	9								EWS	General	MALE		
242	MALATI CHOWDHURY	LT KANAKLAL CHOWDHURY	70/107	9								EWS	General	FEMALE	306598355305	
243	PRADIP THAKUR	NARAYAN CHANDRA THAKUR	70/26	9								EWS	General	MALE	825201388474	
244	SUBHAS ROY	DURGAPADA ROY	N-201/F	9								EWS	General	MALE	203269831083	
245	AJIT KUMAR SHAW	NARAYAN CH SHAW	7	9								EWS	General	MALE	759005533867	
246	RANJIT CHANDRA DEY	JAGADISH CHANDRA DEY	13/E	9								EWS	General	MALE	868183412008	
247	PRABIR KUMAR BANERJEE	BHUPENDRA NATH BANERJEE	70/111	9								EWS	General	MALE		
248	JADUNATH BANERJEE	BHUPENDRA NATH BANERJEE	70/76	9								EWS	General	MALE		
249	CHHAYA RANI ROY	BRAJENDRA PRASAD MITRA	70/78	9								EWS	General	FEMALE	724339779654	


 Chairman
 Konnagar Municipality















250	RUPA BHOWMICK	GOKUL CH RAY	70/83	9						EWS	General	FEMALE	892255515727	
251	SOBHA RUI DAS		152/B	9						EWS	General	FEMALE		
252	JAGANNATH BANERJEE	BHUPENDRA NATH BANERJEE	70/75	9						EWS	General	MALE	364780920316	
253	MANIK LAL MAJI		185/295	9						EWS	General	Male	226533641644	
254	MANAN SEK		N-67/49/D	9					MINORITY	EWS	General	Male	310586546199	
255	BABUL MAJI		167/49/D	9						EWS	General	Male	761516691610	
256	MALA DAS		185/750	9						EWS	General	Female	547338916762	
257	SEK NAJIRUL		185/637/A	9					MINORITY	EWS	General	Male	581409035724	
258	SEK PANTO	KALA	N-106/6/A	9						EWS	General	Male	386329215529	
259	BISWAJIT SARKAR	RABINDRANATH	167/11/A	9						EWS	General	Male	916682289992	
260	SIBANI DAS	LT RAJU DAS	185/544	9						EWS	General	Female	688829159576	
261	MAHILA BIBI		185/130/A	9					MINORITY	EWS	General	Female	751862381552	
262	SHYAMAL SINGHA ROY	MONORANJAN ROY	70/33	9						EWS	General	MALE	203956877197	
263	ABU TALEB	LT BIJOY	185/197/A	9					MINORITY	EWS	General	Male	939179164276	


 Konnagar Municipality















264	RASIDA BIBI	FANINDRA MOHON	185/540	9							EWS	General	Female	483640051897	
265	DEBASIS MALLICK	KESHAB	80	9							EWS	General	MALE	798589946849	
266	SURAJIT DAS	AJIT DAS	20/A	10							EWS	General	MALE	335334707367	
267	DULU GHOSH	PRAFULLA ROY	74	10							EWS	General	FEMALE	743888741529	
268	SITA DEVI	LT RAMESH CHANDAR	185/296	10							EWS	General	Female	737985139595	
269	BASANTI SHAW	LT HARIMOHAN MITRA	105/A/1/D/1	10							EWS	General	Female	404288753508	
270	MUNILAL SINGH	LT DULAL	N/106/10	10							EWS	General	Male	636995196240	
271	BUTA MAJHI	LT RAJENDRA	185/237/B	10							EWS	General	Male	449904837087	
272	ANEMI LOKNATH	LT SITA NATH DAS	185/750/A	10							EWS	General	Female	664707433399	
273	MANIK DAS	BIRENDRA	185/627	10							EWS	General	Male	253501899075	
274	HUSENA BIBI	LT SAILEN	119/E	10							EWS	General	Female	898702648624	
275	M. D. SAMMAD	LT SAUANANDA	185/281	10						MINORITY	EWS	General	Male	428482209789	
276	RAHAMAT ALI	LT BIRENDRA	185/255	10						MINORITY	EWS	General	Male	737788089777	
277	M. D. NASIR	LT JITEN	185/256	10						MINORITY	EWS	General	Male	991060229570	

















 Chandan Kumar
 Konnagar Municipality

278	S. K. MOTBUL RAHAMAN	185/531	10											EWS	General	Male	351320635322	
279	RATAN MONDAL	1104	20											EWS	General	MALE	842046591203	
280	FUL BIBI	185/750/B	11	SC										EWS		Female	984889970647	
281	M.D.MUSLIM	185/279/A	11											EWS	General	Male	361996238997	
282	SUJIT SARKAR	1193	20											EWS	General	MALE	819099147099	
283	TARAK PAUL	21/1/A/1	20											EWS	General	MALE	439470867665	
284	M. D. YUSUF	185/237	11											EWS	General	Male	825308460664	
285	M.D.NESAR AHAMAD	167/16/A	11											EWS	General	Male	237692678259	
286	M.D.NAIMUDDIN	185/253	11											EWS	General	Male	329252954677	
287	M.D. NATISH	185/253/A	11											EWS	General	Male	872379109901	
288	PRAVA DEY	19/A/3/A	20											EWS	General	MALE	717410021614	
289	SANJIT DAS	1194	20											EWS	General	MALE	616411231792	
290	S.K. AJIJUL HAQUE	167/11	11											EWS	General	Male	504999619334	
291	M.D.AJMAT ALI	185/665/B	11											EWS	General	Male	243859106543	
















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292	MAI MUN ESA		102/31	11						EWS	General	Female	620158208598	
293	SURAJIT GHATAK	KRISHNA CHANDRA GHATAK	40	12						EWS	General	MALE	887824219963	
294	PANCHU DAS	KHAGENDRA CHANDRA DAS	19/J/1	12						EWS	General	MALE	677588817517	
295	BEBY ROY	RABIN ROY	19/C/2	12						EWS	General	FEMALE		
296	DEBASHIS GOSWAMI	ASHUTOSH GOSWAMI	31/A	12						EWS	General	MALE		
297	MADARASA BHAUSULWARA		102/25	12						EWS	General	MALE	348472215615	
298	ISMAIL KHAN		185/315	12					MINORITY	EWS	General	Male	451838366303	
299	M.D.JAWAD		102/11	12					MINORITY	EWS	General	Male	298954768191	
300	M.D. JAMAD		185/306	12					MINORITY	EWS	General	Male	292480411872	
301	BISHNUPRIYA BASAK	NAGEN DEBNATH	1175	20						EWS	General	MALE	479536763285	
302	RADHA DEBI		105/A/10/A	12					MINORITY	EWS	General	Female	642328275178	
303	ROSHAN BIBI		185/19/A	12					MINORITY	EWS	General	Female		
304	JUBAISA BIBI		185/312/A	12					MINORITY	EWS	General	Female	243713733035	
305	BISWANATH DAS	SUDHANSHU DAS	185/163	20						EWS	General	MALE	594333704073	
















 Chairman
 Konnagar Municipality

306	BELI BIBI DAFADAR		167/28	12						EWS	General	Female	891932012788	
307	MANTU DAS		102/22	12						EWS	General	Male	873148262355	
308	BIMAL PAL		N/106/11	12						EWS	General	Male		
309	GOPAL DAS		185/544/A	12						EWS	General	Male		
310	SAMIR JENA		185/634/B	12						EWS	General	Male	605214978750	
311	JAYANTI JANA		185/634/C	12						EWS	General	Female	616301571147	
312	TAPASI BARIK		167/54	12						EWS	General	Female	227522201539	
313	BABLA PAL		185/307	12						EWS	General	Male	485133843276	
314	AKALI DAFADAR		185/316/A	12						EWS	General	Male	933620057031	
315	SEK SUKURUDDIN		167/22	12					MINORITY	EWS	General	Male	763983155462	
316	JHARNA BOGI	HAREDRANAT H BOGI	1	13						EWS	General	FEMALE	544722381204	
317	TAPAN POREL	SHIBU POREL	46/1	13						EWS	General	MALE	412066037942	
318	GOPAL CHANDRA PATRA	LAXMI NARAYAN PATRA	2/A	13						EWS	General	MALE	968618502355	
319	SUKUMAR DAS	LAKSHMI NAYARAN DAS	10/C	13						EWS	General	MALE	843926052804	

















320	ANITA MONDAL		86	13						EWS	General	FEMALE		
321	LILA DEVI		1/F	13						EWS	General	FEMALE		
322	KALIPRASAD DAS	SAILENDRA NATH DAS	4/A	13						EWS	General	MALE	449503703653	
323	SANKAR PRASAD		185/23/B	13						EWS	General	Male	218420285624	
324	NISARUL		185/634	13						EWS	General	Male		
325	KAIRUL KHA		185/649	13						EWS	General	Male	471444724060	
326	SAMIRUL HAQ		N/185/533	13					MINORITY	EWS	General	Male	554922938417	
327	MAKABUL KHA		185/422	13						EWS	General	Male	352762341155	
328	L.SANMUK RAO		185/746	13						EWS	General	Male		
329	KHAIRU NISA		258	13						EWS	General	Female	822717427331	
330	R. TOYAJAKSHIDU		185/180/A	13						EWS	General	Male	263614361141	
331	ANIL RAJBHAR		185/594	13						EWS	General	Male	305017223929	
332	LAXMI DEVI		185/743	13						EWS	General	Female	766506137719	
333	M.SANKAR RAO		185/762/A	13						EWS	General	Male		
















 Konegar Municipality

334	PORESH NATH SHARMA		185/597	13								EWS	General	Male	516902586861	
335	L.SANMUK RAO		167/14	13								EWS	General	Male	402132995546	
336	SAPAN DAS		167/10/A	13								EWS	General	Male	208588928528	
337	BASANT LAL HALWAI		167/21	13								EWS	General	Male	992318048727	
338	NARAYAN MALAKAR	PADMARANI MALAKAR	16/A/3	14								EWS	General	MALE		
339	ANIL CHAKRABORTY	UPENDRA MOHAN CHAKRABORTY	21-May	14								EWS	General	MALE	990129406646	
340	PRATIMA GHOSH	AJAY KUMAR DEY	7	14								EWS	General	MALE	945851871174	
341	BISWA NATH PALIT	SUSANTA PALIT	360/F	14								EWS	General	MALE	773123911071	
342	HARADHAN KUNDU	BALAI KUNDU	100/H/2	14								EWS	General	MALE	385563327650	
343	GOUTAM DAS		26/D	15								EWS	General	MALE		
344	SHILA DAS	KALI DAS	26/C	15								EWS	General	FEMALE		
345	MAMONI GHOSH	ASHIM KR BOSE	8/D	15								EWS	General	FEMALE	938199624707	
346	SWAPAN DAS	SATYA CHARAN DAS	N/21/2/A/1	15								EWS	General	MALE	222462970793	
347	SADHAN BASU	KESHTRA MOHAN BASU	1/A	15								EWS	General	MALE	495495004721	
















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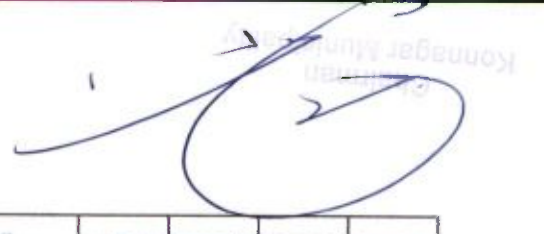
348	SHILA DAS	RAM DAS	26/C	15						EWS	General	FEMALE	873221815392	
349	BINAPANI BAG	DHIRENDRANATH H MITRA	25	15						EWS	General	FEMALE	512191652339	
350	BAKUL PRADHAN	JANMEN JOY PRADHAN	16/B/2/B	15						EWS	General	MALE	553018991823	
351	SHANTA DEBNATH	MANORANJAN DEBNATH	8/A/1	15						EWS	General	MALE	281165111770	
352	GOUTAM DAS	RAM DAS	26/D	15						EWS	General	MALE	527852873971	
353	TANMAY MUKHERJEE	RABINDRA NATH MUKHERJEE	3/M	15						EWS	General	MALE	261503055121	
354	RUPA HALDER	VIM CHANDRA DAS	33	15						EWS	General	Female		
355	MAHENDRA RAJAK		91/A	15						EWS	General	MALE		
356	SILA DUTTA	BISWANATH DUTTA		15						EWS	General	FEMALE	890908098109	
357	ASHOK DAS	KRISHNA CHANDRA DAS	128/2/A	15						EWS	General	MALE	3222026281339	
358	KALI SANKAR JANA	MEGHNATH JANA	18/B	15						EWS	General	MALE	776090757121	
359	PRADIP DAS	BIPIN BIHARI DAS	130/3/A	15						EWS	General	MALE	969721718305	
360	SAMAR DAS	KRISHNA CH DAS	2/E	16						EWS	General	MALE	390839723208	
361	TARUN SAHA	NARAYAN SAHA	N-185/618	17						EWS	General	MALE	432643273794	

Chairman
Konnagar Municipality

362	AMARENDRA CHANDRA DAS	PARESH CHANDRA DAS	185/468/B	17										EWS	General	MALE	329827941517	
363	BALARAM ADHIKARY	SUDHIR ADHIKARI	185/656	17										EWS	General	MALE	724627423308	
364	SUJATA ROY	ASHOK HARI	189/A/3/A	17										EWS	General	FEMALE	784700576265	
365	SUJAN HARI	ASHOK HARI	189/A/5	17										EWS	General	MALE	350545474448	
366	DIPALI HARI	SATISH SAMADDAR	189/A/5	17										EWS	General	FEMALE	786404894637	
367	ALPANA BHUIYA	JAGANNATH PATRA	189/B/16	17										EWS	General	FEMALE	309325017381	
368	SHANKAR MOY NANDI	DHIRENDRA NATH NANDI	185/476	17										EWS	General	FEMALE	619528053589	
369	SAMIR GHOSH		185/757/A	17										EWS	General	MALE	941522266366	
370	SHYAMAL GHOSH	AMULYA GHOSH	185/757	17										EWS	General	MALE	458337389076	
371	DEB KUMAR DAS	BIBHUTI BHUSAN DAS	185/353	17										EWS	General	MALE	701007201072	
372	BINA ROY	RAMANIKANTA ROY	185/712/A	17										EWS	General	MALE	410470415773	
373	KALIDAS BALA		185/711	17										EWS	General	MALE		
374	NIHAR CHAKRABORTY	NANI GOPAL CHAKRABORTY	118/A/6	17										EWS	General	MALE	517316662898	
375	ALPANA BHUIYA		189/B/16	17										EWS	General	FEMALE		


 Konnagar Mahapalika

376	BISHNUPADA DAS		189/B/17	17							EWS	General	MALE		
377	MIRA SHARMA	MURARI MOHAN SHARMA	189/14	17							EWS	General	FEMALE		
378	BIMAL DAS	PARESH CHANDRA DAS	185/468/C	17							EWS	General	MALE	271956604667	
379	PRATAP CHANDRA DAS		185/468/A	17							EWS	General	MALE		
380	NIRMAL DAS	ABHINASH DAS	189/B/14	17							EWS	General	MALE	778879552072	
381	KRISHNA KUMAR PAL	PIYARI KUMAR PAL	158/707	17							EWS	General	MALE	907734516991	
382	BISHAKHA ADHIKARY	MAHA BHARAT SANYASI	189/A/3	17							EWS	General	FEMALE	454714330380	
383	SUMITA HARI	MANIK LAL BHATTACHERJEE	189/A/5/1	17							EWS	General	FEMALE	465891574670	
384	NEMAI RAKSHIT	ANIL RAKSHIT	167/11	18							EWS	General	MALE	550701091618	
385	BABI MANDAL	ANIL MANDAL	319	18							EWS	General	MALE	917090400006	
386	RAMEN BANERJEE	RABINDRANATH BANERJEE	185/108	18							EWS	General	MALE	349784246239	
387	TUMPA DAS	SUJIT SARKAR	185/332	18							EWS	General	FEMALE	971353501746	
388	BINOY BANERJEE	RABINDRA NATH BANERJEE	185/108A	18							EWS	General	MALE	639364709630	
389	SAMIR MALAKAR	DAYAL HARI MALAKAR	192	18							EWS	General	MALE	739472325838	















Konnagar Municipality
















390	BINA PAL	MUKUNDA PAL	185/729/A	18							EWS	General	FEMALE	701356803523	
391	MITHUN CHAKRABORTY	SUBHASISH CHAKRABORTY	167/9	18							EWS	General	MALE	353625165488	
392	BHANUSANKAR DAS	SATYA RANJAN DAS	185/618	18							EWS	General	MALE	364270746879	
393	CHANDANA BANERJEE	ATIN BANERJEE	185/410	18							EWS	General	FEMALE		
394	SUJOY DAS	SWAPAN DAS	185/464/1	18							EWS	General	MALE		
395	CHANDAN GOSWAMI	ATIN CHANDRA GOSWAMI	41/22/A	18							EWS	General	MALE		
396	SARASWATI GOSWAMI		41/22/B	18							EWS	General	MALE		
397	RATAN BISWAS	NEPAL CHANDRA BISWAS	185/516	18							EWS	General	MALE	320369090914	
398	RABIN SEN	MANIK LAL SEN	185/743	18							EWS	General	MALE	627168506168	
399	DHIREN KUNDU	GOPAL KUNDU	41/83	18							EWS	General	MALE	234175437702	
400	ABHASH DASGUPTA	ABANI KANTA DASGUPTA	15/A	18							EWS	General	MALE	250420280113	
401	BISWANATH BHOWMICK	NAKSHATRA BHOWMICK	105/A/1/G/1	18							EWS	General	MALE	296074329825	
402	CHANDANA BANERJEE	BIMAL CHATTERJEE	185/410	18							EWS	General	FEMALE	498481679321	
403	MADHAB RAKSHIT	ANIL RAKSHIT	167/11	18							EWS	General	MALE	286993559054	

Konseer-
Chairman















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Changanassery
Municipality
Kannager Municipality















404	RATAN DAS	SWAPAN DAS	185/189	18							EWS	General	MALE	898181648820	
405	MADHAB GAIN	GOPAL CH GAIN	185/318	18							EWS	General	MALE	218959854387	
406	BABUL GHOSH	KRISHITA CHANDRA GHOSH	105/A/2	18							EWS	General	MALE	886654595899	
407	SOBHA BISWAS	JITENDRA HALDER	185/516	18							EWS	General	FEMALE	381122883245	
408	LAKSHMI BALA	KALIDAS BALA	185/711	18							EWS	General	FEMALE	687975017666	
409	DILU DAS	PABAN DAS	185/189	18							EWS	General	MALE	958228104446	
410	AJIT MAJUMDAR	MAHENDRA NATH MAJUMDAR	185/392/C	18							EWS	General	MALE	881679829590	
411	MADHABI LODH ROY	SUDHANSHU LODH ROY	N-185/482	18							EWS	General	FEMALE	452958617788	
412	BITHIKA SAHA		27/A	18							EWS	General	FEMALE		
413	PRASENJIT MONDAL	JIBAN MONDAL	185/397	18							EWS	General	MALE	992002768829	
414	SHEBAK MONDAL	JIBAN MONDAL	185/397	18							EWS	General	MALE	316308486965	
415	AJIT KUNDU	NANI GOPAL KUNDU	185/114	18							EWS	General	MALE	317657374615	
416	SURAJIT SAHA	GOURANGA SAHA	167/49/D	18							EWS	General	MALE	758582128966	
417	NIRANJAN MONDAL	SURBALA MONDAL	185/238	18							EWS	General	MALE	798320798402	


418	JYOTSNA MONDAL	GANESH BAG	185/598	18									EWS	General	FEMALE	931278810710	
419	KARTICK MAJUMDAR	CHANDRAHAR MAJUMDAR	185/19/A	18									EWS	General	MALE	441650460165	
420	ANJALI PRAVA DEY	HERANBA KR DEY	105/A/1/A	18									EWS	General	FEMALE	378993142771	
421	SHIB SANKAR DAS	PRAFULLA CHANDRA DAS	185/423	18									EWS	General	MALE	909025734636	
422	BASANTI DEY		102/A/53	18									EWS	General	FEMALE		
423	NABATARA MALLICK		185/617	18									EWS	General	FEMALE	312900242010	
424	SUSHAMA DEY	BISWANATH DEY	185/195/A	18									EWS	General	MALE		
425	PRADIP DAS	HARI NATH DAS	185/422/B	18									EWS	General	MALE	460706494457	
426	AMIT DAS	KALACHAND DAS	167/24/B	18									EWS	General	MALE	639437829693	
427	SUSHAMA DEBNATH	GANESH CHANDRA DEBNATH	185/483	18									EWS	General	FEMALE	476379931758	
428	RAMESH CHAKRABORTY	BARADA KANTA CHAKRABORTY	N-41/83	18									EWS	General	MALE	705028721630	
429	SHIB SANKAR SARKAR	LT PRAFULLA RANJAN SARKAR	185/423	18									EWS	General	MALE		
430	TAPAS BASAK	MANORANJAN BASAK	N/119	18									EWS	General	MALE		
431	GOUR SHANKAR LODH ROY	SURESH CHANDRA LODH ROY	N-185/482	18									EWS	General	MALE	993664352330	















Konark Municipal
 11/11/2024
 11/11/2024

432	BIBHA MONDAL	MANORANJAN HALDER	185/31	18						EWS	General	FEMALE	469986536025	
433	KARTICK DAS	NIRANJAN DAS	102/6	18						EWS	General	MALE	818475225941	
434	RADHAMADHAB MALAKAR	UMESH CHANDRA MALAKAR	167/10/A	18						EWS	General	MALE	269531523997	
435	ANIMA DAS	NISHI KANTA DAS	167/43	18						EWS	General	FEMALE	531352413105	
436	TAPAS BASAK	MONORANJAN BASAK	N-1189	18						EWS	General	MALE	879568606406	
437	SAMIR DAS	KALACHAND DAS	167/24/A	18						EWS	General	MALE	305488858294	
438	TAPATI KARMAKAR	BUDDHADEB GUHA	167/34	18						EWS	General	FEMALE	531503926552	
439	DIPTI LODH ROY	NARENDRA CHANDRA DUTTA	185/482	18						EWS	General	FEMALE	272291276656	
440	SABITA BHATTACHERJEE	BIREN CHAKRABORTY	N/106/10	18						EWS	General	FEMALE	333010420205	
441	RADHA RANI MITRA	SUBRATA MITRA	185/595/B	18						EWS	General	MALE		
442	NIVA ROY CHOUDHURY	SUDHIR PAUL	185/39/C	18						EWS	General	FEMALE	940549259882	
443	RAMA DEBNATH	SUDHIR PAUL	185/39/B	18						EWS	General	FEMALE	982466666887	
444	SEBAK MONDAL	JIBAN MONDAL	185/397	18						EWS	General	MALE	316308486965	
445	AJMAL ALI		185/482/A	18					MINORITY	EWS	General	Male	969098978576	
















 Chairman
 Konnagar Municipality

446	KAMURU NISA		185/595	18														EWS	General	Female	525246146884	
447	A. NARAYANA		21/B/4	18														EWS	General	Male	992715906078	
448	NEELU DEVNATH		41/6	18														EWS	General	Male	870044697472	
449	BIRENDRA KR RAM		44/33/A	18														EWS	General	Male	397445172252	
450	MANGAL RAJBHAR		185/197	18														EWS	General	Male	455793621408	
451	LAXMAN MALAHA		185/18	18														EWS	General	Male	418021571718	
452	RAM PRAVASH SAHANI		N/106/14	18														EWS	General	Male	930440637297	
453	SAMIR DAFADAR		101/E/1	18														EWS	General	Male	295618140655	
454	BRIJLAL GUPTA		75/A/35	18														EWS	General	Male	808819440393	
455	ACELAL GUPTA		16	18														EWS	General	Male	584904726308	
456	SUKUMARI MALAHA		13	18														EWS	General	Male	479536763285	
457	RAJESH RAJBHAR		27/A	18														EWS	General	Male	400836516277	
458	GITA BANIK	GANDHI CHANDRA NANDI	41/207	19														EWS	General	FEMALE	816184219209	
459	CHANDAN GOSWAMI	ATUL CH GOSWAMI	460	19														EWS	General	MALE	383886367475	
















 Konnagar Municipal Corporation

460	PRADIP SAHA	PRANKRISHNA SAHA	41/99	19						EWS	General	MALE	378537880645	
461	PRADIP ROY	PARITOSH ROY	1061	19						EWS	General	MALE	286410107256	
462	CHAINA ROY	NARAYAN GHARAMI	820/1/A	19						EWS	General	FEMALE	858108723408	
463	SENTU DEY	GOSAI CHANDRA DEY	667	19						EWS	General	MALE	822250265220	
464	SUBRATA SAHA	SUBODH SAHA	185/658/A/1	19						EWS	General	MALE	433333794643	
465	BISWANATH DHAR	NARESH CHANDRA DHAR	41/234/A	19						EWS	General	MALE	219694810618	
466	GOUTAM PODDAR	GOPAL PODDAR	41/230	19						EWS	General	MALE	902073590155	
467	GOURANGA KARMAKAR	BINOD KARMIKAR	41/100/A	19						EWS	General	MALE	499245230056	
468	AMAL ADHIKARY	UPEN ADHIKARY	41/198	19						EWS	General	MALE	447312900683	
469	KRISHNA PADA GHOSH	ANIL GHOSH	44/11	19						EWS	General	MALE	306736104928	
470	SANKAR DAS	KESHAB DAS	41/92	19						EWS	General	MALE	397610471403	
471	SUBHAS CHANDRA GHOSH	TARAPADA GHOSH	44/11	19						EWS	General	MALE	386640640917	
472	GOPAL GHOSH	NITYA GOPAL GHOSH	41/43	19						EWS	General	MALE	451400287520	
473	TINKU DAS	TARAPADA DAS	41/227	19						EWS	General	MALE	496255458868	
















 Chelvan
 Konnagar Municipality


474	SUBRATA SAHA		185/658	19						EWS	General	MALE	
475	BISWANATH DHAR	NARESH CHANDRA DHAR	41/234/A	19						EWS	General	MALE	
476	RAJU GHOSH	SANTOSH KR GHOSH	25/F	19						EWS	General	MALE	
477	TINKU DAS	TARAPADA DAS	41/227	19						EWS	General	FEMALE	
478	DURGA BISWAS		41/48	19						EWS	General	FEMALE	
479	SUNITI KARMAKAR	AJIT KARMAKAR	41/141/A	19						EWS	General	FEMALE	
480	RATAN SAHA	SURESH CHANDRA SAHA	N/185/618	19						EWS	General	MALE	
481	PRATAP SAHA	MADHAB SAHA	16/14	19						EWS	General	MALE	
482	PRATHAM KUMAR KANSABANIK	ASIT BARAN KANSABANIK	580	19						EWS	General	MALE	
483	SUNIL KUNDU	KESHAB KUNDU	N-118/10	19						EWS	General	MALE	
484	CHOTAN SAHA	SURESH CHANDRA SAHA	N/185/618	19						EWS	General	MALE	
485	SHAMBHU DAS	ANIL CHANDRA DAS	185/400/A	19						EWS	General	MALE	
486	ANJALI BISWAS	PANCHU GOPAL MONDAL	185/712/B	19						EWS	General	FEMALE	
487	KESHAB DAS	DULAL DAS	1852/679/A	19						EWS	General	MALE	
















 Konnagar Municipality

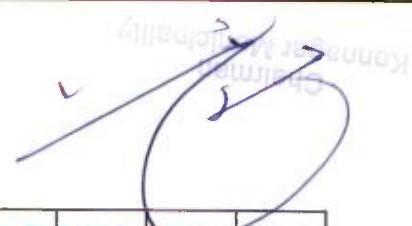
502	GOUTAM KUNDU	SADANANDA KUNDU	41/49/A	19						EWS	General	MALE	853957120321	
503	MITHUN MAJUMDER	MATILAL MAJUMDER	185/631	19						EWS	General	MALE	483226307279	
504	SHIPRA KAR	ANIL KUNDU	41/206/A	19						EWS	General	FEMALE	809737200097	
505	ASIT BISWAS	RAMANI KANTA BISWAS	185/712/C	19						EWS	General	MALE	719454767078	
506	ANANTA KARMAKAR	HARINARAYAN KARMAKAR	41/78/B	19						EWS	General	MALE	944199120449	
507	BIMAL SARKAR	JITENDRA NATH SARKAR	185/557/A	19						EWS	General	MALE	244622838310	
508	IRA KAR	PRITHWISH BAISHYA	185/558	19						EWS	General	FEMALE	585328073186	
509	RUMA SARKAR	HRISHIKESH DAS	185/557/B	19						EWS	General	FEMALE	900529404903	
510	GITA BANIK	GANDHI CHANDRA NANDI	41/207	19						EWS	General	FEMALE	816184219209	
511	SHYAMAL KARMAKAR	MONORANJAN KARMAKAR	41/242/C	19						EWS	General	MALE	721839107473	
512	SUBOL KARMAKAR	MONORANJAN KARMAKAR	41/242/B	19						EWS	General	MALE	985168452984	
513	SIKHA BAIRAGI	DIPANKAR BAIRAGI	41/140/B	19						EWS	General	FEMALE		
514	GOUTAM DEY	SHIB CHARAN DEY	41/161/A	19						EWS	General	MALE		
515	SAMBHU DAS	ANIL CH DAS	185/400/A/1	19						EWS	General	MALE		
















 Chairman
 Kalyan Municipality

516	KRISHNAPADA GHOSH	44/11	19						EWS	General	MALE		
517	UDYAN KANGSABANIK	ASIT KANGSABANIK	41/134/A	19					EWS	General	MALE		
518	PRASANTA MONDAL	JATIN MONDAL	41/204/A	19					EWS	General	MALE	318414275149	
519	KHOKAN DAS	SHANKAR DAS	41/76	19					EWS	General	MALE	850615019627	
520	BINA ROY	RAMANIKANTA BISWAS	185/712/A	19					EWS	General	FEMALE	410470415773	
521	SWAPAN ROY	JOTINDRA NATH ROY	41/52	19					EWS	General	MALE	259718894993	
522	DEBASIS BANIK	NIRMALENDU BANIK	41/131	19					EWS	General	MALE	667015927159	
523	GOPAL KARMAKAR	MANORANJAN KARMAKAR	41/242	19					EWS	General	MALE	493581662564	
524	MAINAK GOSWAMI	BHAJAN GOSWAMI	185/663/B	19					EWS	General	MALE	858081086518	
525	ANITA BERA	ANIL CHANDRA GHORAI	20/5/A	19					EWS	General	FEMALE	434957422439	
526	NIRANJAN MONDAL	KALIKRISHNA MONDAL	185/510	19					EWS	General	MALE	812765181601	
527	RABIN MONDAL	BIJAY KRISHNA MONDAL	185/424	19					EWS	General	MALE	318888664771	
528	RAJANIKANTA SEAL	RAHINIKANTA SEAL	185/432	19					EWS	General	MALE	337183333703	
529	KESHAB SAHA	KANAI LAL SAHA	185/633/A	19					EWS	General	MALE	683980286401	
















 Konaigam Municipality

530	SHAMBHU SAHA	KANAI LAL SAHA	185/633/B	19						EWS	General	MALE	941440763029	
531	KANTI LAL ACHARYA	KARTICK CH ACHARYA	41/103	19						EWS	General	MALE	659170659124	
532	PREMANDA DAS	BINOD BIHARI DAS	185/621	19						EWS	General	MALE	637654097752	
533	RANJIT MONDAL	BUAY KRISHNA MONDAL	185/424/A	19						EWS	General	MALE	471981238586	
534	DIBYENDU SARKAR	KRISHNA	185/613/A	19						EWS	General	MALE	980016509691	
535	DIPANKAR CHATTERJEE	BIBHUTI	185/535	19						EWS	General	MALE	559439068916	
536	MADHAB SAHA	KANAI LAL SAHA	185/633	19						EWS	General	MALE	335471850770	
537	ALPANA DAS KARMAKAR	BIRESWAR	185/651	19						EWS	General	FEMALE		
538	SUKHARANJAN MONDAL	KALI KRISHNA	185/510	19						EWS	General	MALE	281365243798	
539	JALADHAR MONDAL	KALI KRISHNA	185/510/A	19						EWS	General	MALE	699529181360	
540	NIRANJAN DEY	SUKUMAR	41/148	19						EWS	General	MALE	269476052361	
541	GOURI SARKAR	NIRMAL	41/36/A	19						EWS	General	FEMALE	616210134721	
542	ARCHANA DAS	MAHENDRA PAL	185/535/N/2	19						EWS	General	FEMALE	860960329279	
543	KHOKAN MONDAL	KALI KRISHNA	185/510/B	19						EWS	General	MALE	936986516220	
















 Chairman
 Konkanalaya

544	JAHARLAL BISWAS	SATYACHARYAN BISWAS	41/140	19										EWS	General	MALE	230938030655	
545	DILIP DHAR	PARESH	185/674	19										EWS	General	MALE	932596975364	
546	ALAKA DAS	PARESH PAL	185/697	19										EWS	General	FEMALE	404104603128	
547	SUBHASH CHANDRA GHOSH	TARAPADA	44/11/B	19										EWS	General	MALE	386640640917	
548	TANMAY KUNDU	SUSHIL KUNDU	41/117/A/1	19										EWS	General	MALE	599385873439	
549	MANINDRA CHAKI		41/74/B	19										EWS	General	MALE		
550	BAPI BAHADUR		21/3/F	19										EWS	General	Male	487877017701	
551	MUNNA LAL PRASAD		185/56/A	19										EWS	General	Male	914336649882	
552	KRIHNA LAL		185/751/A	19										EWS	General	Male	226050382198	
553	K.RAMA KRISHNA		185/346	19										EWS	General	Male	480769023607	
554	DILIP YADAV		185/519/A	19						S.C				EWS		Male	739066091618	
555	MAHAVEER SHOW		185/55	19										EWS	General	Male	203023436334	
556	DASRAT RAM		185/348	19										EWS	General	Male	275648501176	
557	SANTI DEVI RAJBHAR		185/395/A	19										EWS	General	Male	590833696872	
















 Chairman
 Konnagar Municipality

558	CHOTELAL MAHATO		102/23	19										EWS	General	Male	916795566508	
559	JIBAN KRISHNA ROY	RAJENDRANATH ROY	185/78	20										EWS	General	MALE	818631008771	
560	RATAN KUMAR BURMAN	HIARIPADA BURMAN	20/20	20										EWS	General	MALE	286272502091	
561	AMAR BASU	NAGENDRA NATH BASU	185/685/A	20										EWS	General	MALE	391742212134	
562	SUKDEB KARMAKAR	BIMAL KARMAKAR	185/57/A	20										EWS	General	MALE	481265873866	
563	BHUSAN CHANDRA DEBNATH		185/341	20										EWS	General	MALE		
564	AKSHYAY BHATTACHARYA	ABINASH BHATTACHARYA	N-185/437/A	20										EWS	General	MALE	322918486312	
565	KRISHNA CHANDRA MUKHERJEE		26/5/A	20										EWS	General	MALE		
566	SABITA DEY	BIJOY DEY	20/18/B	20										EWS	General	FEMALE		
567	GITA ROY	HABU ROY	185/60	20										EWS	General	FEMALE		
568	PRALAY KR HIRA		177	20										EWS	General	MALE		
569	RATAN KR BARMAN		20/20	20										EWS	General	MALE		
570	SWARAJ DAS	MANI DAS	21/B/B	20										EWS	General	MALE		
571	SURICHI RAJBANSHI	LALCHAND RAJBANSHI	185/60/B	20										EWS	General	FEMALE		


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 Konnagar Municipality

572	SUJATA MONDAL	BHAGIRATH MONDAL	185/445/B	20							EWS	General	FEMALE		
573	SWAPAN SHAW	RADHAKRISHNA SHAW	1/21/2009	20							EWS	General	FEMALE		
574	MAHADEB DAS	SUDHIR DAS	N-184/13/B	20							EWS	General	MALE		
575	DEBU PRASAD DEY	NANI GOPAL DEY	26/5/B	20							EWS	General	MALE		
576	KALPANA BANERJEE	KALIPADA GHARAMI	185/77	20							EWS	General	FEMALE		
577	KRISHNA MAITY	GAGENDRA NATH MAITY	185/195	20							EWS	General	FEMALE		
578	LAKSHMIKANTA DAS	BADAL DAS	21/B/19	20							EWS	General	MALE	228021627065	
579	USHA DUTTA	KUNJALAL KARMAKAR	26/11/A	20							EWS	General	FEMALE	367664750804	
580	SHANKARI PRABHA DEY	BHAGABAN CHANDRA DEY	185/404	20							EWS	General	FEMALE	284868214148	
581	SHAIBAL DEY	SUSHIL KUMAR DEY	71/109/C	20							EWS	General	MALE	541950630729	
582	BULA RANI DAS		185/172/A	20							EWS	General	FEMALE		
583	PARITOSH MONDAL	SATISH MONDAL	20/7/A	20							EWS	General	MALE	403794988475	
584	SIVSANKAR CHOWDHURY		185/88	20					S.C		EWS		Male	693965647210	
585	TAPAN DHULI		185/695	20							EWS	General	Male	712148872440	


 Chittaranjan Mondal
 Konnagar Municipality

586	M.JAGGA RAO		185/162/A	20						EWS	General	Male	265575300235	
587	J. SANESH		185/222	20						EWS	General	Male	730482036157	
588	K. SUNDAR RAO		185/58	20						EWS	General	Male		
589	AKBAR ALI		185/12/A	20					MINORITY	EWS	General	Male	969708975541	
590	VIJAY PRASAD		185/486/1	20						EWS	General	Male	890140023070	
591	KAMALA DEVI GUPTA		N- 185/713/b	20						EWS	General	Male	301836524075	
592	SHARMA RAJBHAR		118/C/1	20						EWS	General	Male	615503923204	
593	GOUTAM GUPTA	DEB KUMAR GUPTA	185/645	20						EWS	General	MALE	924010125453	
594	JIBAN KRISHNA PAUL	NITYANANDA PAUL	185/71	20						EWS	General	MALE	730023142592	
595	LAKSHMI DAS	KURORAM DAS	21/2/R	20						EWS	General	FEMALE	624942750501	
596	DOLLY BISWAS		N-186/A/6/D	20						EWS	General	FEMALE	510840316859	
597	JHUMKI MONDAL	SUDHANSHU ROY	185/233/B	20						EWS	General	FEMALE	894071072261	
598	BANYA PAL	PARITOSH MAITY	21/B/9/A/2	20						EWS	General	FEMALE	822717427331	
599	SUNIL DAS	MANIK CHAND DAS	185/186	20						EWS	General	MALE	809962691304	


 Chatterjee
 Konnagar Municipality

600	MAHA RANI DAS	SUKLA DAS	21/1/K	20							EWS	General	FEMALE	804325966108	
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Chairman
Konnagar Municipality