

MATHABHANGA MUNICIPALITY

**Detailed Project Report for Construction of 760 EWS
Houses under BLC mode of Pradhan Mantri Awas
Yojana (PMAY)-HFA (U) for Mathabhanga
Municipality**

2018-19



Submitted by

**Mathabhanga Municipality
Dist : Cooch Behar, West Bengal
JULY, 2018
(2018-19)**

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, electricity supply and access.

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

Total beneficiaries of the scheme are **760 nos.** from 25 nos. slum and 11 nos. of Non Slum projected for the year 2018-19

Total cost of the project is **Rs. 3,076.48 lakhs** as per relevant department & P.W.D. schedule of rates



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A. Planning Core Team:

- 1. Mr. Lakshapati Pramanik, Chairman, Mathabhanga Municipality**
- 2. Mr. Chandan Das, Vice Chairman Mathabhanga Municipality**
- 3. Mr. Amalendu Shekhar Naskar, Executive Officer, Mathabhanga Municipality**
- 4. Mr. Mihir Dey Chowdhury, S.A.E, Mathabhanga Municipality**
- 5. Mr. Nirmalya Datta, S.A.E, Mathabhanga Municipality**
- 6. Mr. Nirmal Barman, S.A.E, Mathabhanga Municipality**
- 7. Mr. Sandipan Dey, IT Co-Ordinator, Mathabhanga Municipality.**

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e. Abbreviation

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


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f. Working Definitions

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

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Introductory Note by Chairman

On the outset I would like to take this privilege to let know you that Mathabhanga Municipality has finished the preparation of **Housing for All Plan of Action** for the time frame 2015-16 to 2021-22. The municipality has conducted introductory workshop of the Housing for ALL among the members of Board of councillors. Thereafter the core team has been formed for the preparation of the Plan. The Core team has organized several workshops, Focus Group Discussions, Ward Level Consultations among the people across the sections of the citizens and the staff members of the municipality. Citizen, elected councillors and other stakeholders have had interactive sessions and opined about their need, demand, aspirations and the concerned personnel duly recorded those views. The **Housing for All Plan of Action** is the outcome of the series of Demand survey workshops, FGDs, Consultations and meetings. It has been compiled by the technical persons of Mathabhanga Municipality which have eventually become the **Housing for All Plan of Action** of Mathabhanga Municipality. The respected citizens expressed their valuable opinions and views. Again those views have been duly incorporated in the **Housing for All Plan of Action**.

The people of the municipality, the elected councillors, the staff members, the surveyors, the technical persons have extended their fullest cooperation in preparing the whole process of **Housing for All Plan of Action**. I must take the opportunity to acknowledge their endeavours and extend gratitude to the authorities of SUDA and MA Department of Govt. Of West Bengal for extending their cooperation.

I wish that this **Housing for All Plan of Action** would enable the ULB to undertake comprehensive, sustainable development of its jurisdiction with the growing demand of 21st century's modernized society.


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Abbreviations

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Institutions (PLI)	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.


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Introduction to Mathabhanga Municipality:

On 15th August 1947, it was the birth of an independent India and Pakistan, free from two hundred years of Colonial Rule. Question arose regarding which nation the State of Cooch Behar will cede to. On the **28th of August 1949** an agreement was contracted between the Governor-General of India and His Highness the Maharaja of Cooch Behar, which came to be known as the **Cooch Behar Merger Agreement**, in which His Highness the Maharaja of Cooch Behar ceded to the Dominion Government (Govt. of India) - full and extensive authority, jurisdiction and powers for and in relation to the governance of the State" and agreed "to transfer the administration of the State to the Dominion Government on the 12th day of September, 1949." It was stipulated that from the **12th September, 1949** the Government of India would be competent to govern the State in such a manner and through such agency as it might think fit.

Following is the extract of that Cooch Behar Merger Agreement :-

"Mathabhanga is a Sub Divisional Town in the district of Coochbehar. Prior to the merger with Union of India, Coochbehar was ruled by the Maharaja of Coochbehar, who had formed many Tehsils (Presently known a Sub Divisional towns) for smooth administration for imparting basic Services to the general public, the Maharaja had constituted Town Committees in the Tehsils. The said town committees were guided by the town committee Act 1885 which was later amended as Coochbehar Town Committee Act 1903. Even after the merger of state of Coochbehar in the Union of India, the said Town Committees remained functioning but due to shortage of fund and due to meager source of income, the Town Committees could not render the required basic minimum services to the satisfaction of the general public. However the Town Committee of Mathabhanga was converted into Mathabhanga Municipality on 29th May 1986 and since then the responsibility of extending basic Municipal Services are being shouldered by the Mathabhanga Municipality. Initially the land area of the then Mathabhanga Municipality was 0.79 square miles but later on adjacent area was included the Municipality in the year 1986 and the total land area of the ULB increased to 1.24 square K. m, which was divided into 10 wards, with a total population of 17324 as per census report 1991. After the transformation of the then Town Committee into Mathabhanga Municipality this ULB as per Govt. guideline started following the Bengal Municipal Act. 1993 and this ULB started extending the Municipal services to the general public with much vigor and greater financial help from the Municipal Affairs department. Looking at the effective service of Municipality, the inhabitants of adjoin area raised demand for inclusion of their area into the Municipality and as such further area was included in the Municipality. Presently the total Municipal land area of the ULB is 3.71 Sq. K. m with a population of 23,895 as per census report of 2011 and presently the ULB is being guided and performing it's work under B.M. Act. 1993."

Since then the ULB has been rendering basic Municipal service to its citizens with optimistic zeal, resulting in construction of roads, drains, electrification of streetlight and providing pure drinking water. With the increase in population and constructive approach towards urbanization of the area, furthermore developmental activates have become necessity. Construction of drains, roads, electrification in the slum area and lifting of the economic status of the slum dwells especially B.P.L. population which stands at 1539 families as generation of employment through S.H.G. and other means have become a dire necessity for achieving better financial health, U.L.B. income oriented schemes i.e. constriction of guest houses, market complex etc have become inevitable.

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Physical Features:

□ **Climate** : A highly humid atmosphere and abundant rains characterize the climate of this district, with the temperature being seldom excessive. The Period from June to Beginning of October is south-west monsoon season. October to mid-November constitutes post monsoon season. Cold season being November to February and hot season being March to May. January is the coldest month with temperature varying between 10.4oC to 24.1oC, April is the hottest month with mean daily maximum of 32.5oC and mean daily minimum of 20.2oC. Lowest temperature up to 3.9oC and maximum temperature up to 39.9oC have been recorded. The atmosphere is highly humid throughout the year except February to May when relative humidity is as less as 50 to 70%.

□ **Rainfall** : Average annual rainfall in the district is 3,201.3 mm. The rainfall generally increases from the south-west to the north-east. About 70% of the annual rainfall is received during the southwest monsoon season, June being the rainiest month. On an average there are about 102 rainy days with records of more than 400 mm rainfall in 24 hours.

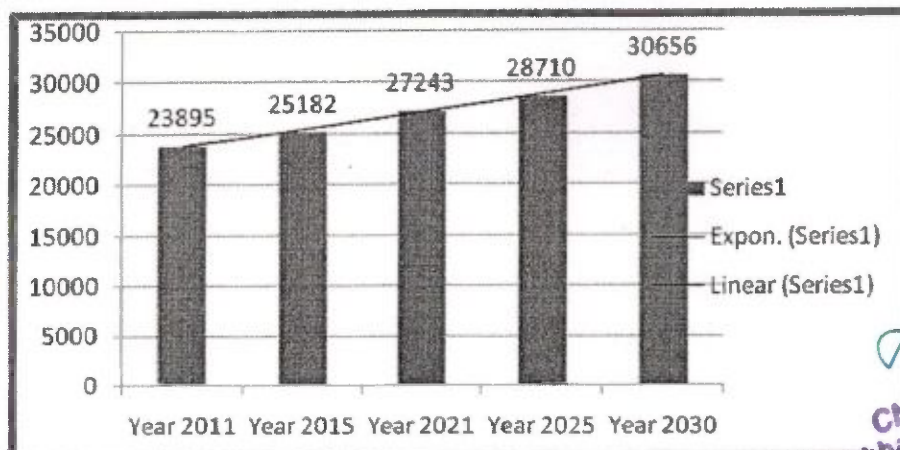
□ **Soil** : Cooch Behar is essentially a flat country with a slight south-eastern slope along which the main rivers of the district flow. Most of the high lands appertain to Sitalkuchi area and most of the low lands lie in Dinhata area. The soil is alluvial of very recent formation. It is mostly sandy and loose. The surface soil is loam and hardly any good clay is found. The rivers flow in a slanting course from north-west to south-east. Six river systems cut through the district flowing in a south-easterly direction. From the west to east these are: the Tista system, Jaldhaka system, Torsa, Kaljani, Raidak and Gadadhar system.

□ **Flora and Fauna** : The flora here constitutes among others - palms, bamboos, creepers, ferns, orchids, aquatic plants, fungi, timber, grass, vegetable, fruit trees, etc.

Demographic Profile

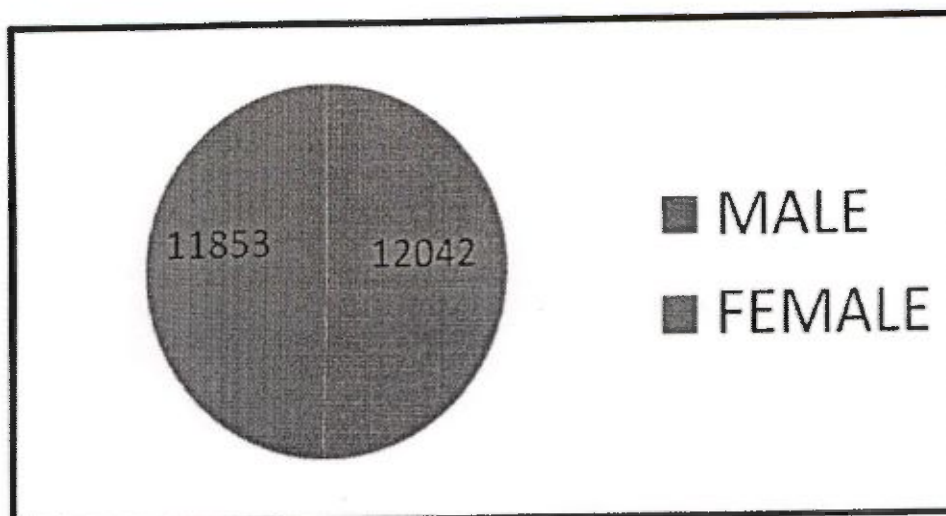
As of 2011 India census, Mathabhanga had a population of 23,895. Males constitute 51% of the population and females 49%. Mathabhanga has an average literacy rate of 82.70%, higher than the national average of 74.04%: male literacy is 85.61%, and female literacy is 79.74%. In Mathabhanga, 8.49% of the population is under 6 years of age. The population in the year 2011 has reached to 23895 which are calculated at 1.32% of growth per annum.

PROJECTION OF POPULATION – MATHABHANGA



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MALE & FEMALE POPULATION RATIO OF THE POPULATION



Key Resources : Mathabhanga Municipality most investment in infrastructure has been publicly funded. The current total infrastructure spending is still financed by governments or public utilities, such as, Municipal Affairs Department, West Bengal State Electricity Board; Public Works Department; West Bengal Pollution Control Board etc. by utilizing their own resources.

Economic Activities : Traditionally, in Mathabhanga Municipality most investment in infrastructure has been publicly funded. The current total infrastructure spending is still financed by governments or public utilities, such as, Municipal Affairs Department, West Bengal State Electricity Board; Public Works Department; West Bengal Pollution Control Board etc. by utilizing their own resources.

The other service providers are various commercial banks, post and telecommunication offices, hospitals and health care facilities including Office of Malaria Prevention Centre, charitable dispensaries, medicine shops, West Bengal National Volunteer Force, pathological centers, office of sub-inspector of primary school, provision of supply of dairy milk, rationing office, ration shops, grocery shops, shops for other essential commodities and products, training facilities for police, police out posts, amusement facilities, hotels and so on. The local transport is being served by private sector either by bus or by local vans or rickshaws. In addition to that there are many small-scale enterprises doing business on wood, steel, biri binding, sugar-candy, bakery etc.

The Municipality has 32 primary schools including 6 private primary schools, 1 secondary schools, 4 higher secondary schools and 2 libraries. The Municipality is in close proximity to Mathabhanga College which are renowned major hubs for education and training.

Occupational Profile

Year of establishment of Municipality : The Mathabhanga Municipality was established in the year 1986 within the district of Coochbehar. This Municipality is situated on the eastern bank of Mansai river and another river named Sutunga passes through the Municipal Area. The Ghokshadanga Railway Station is the nearest station which is situated 21 km away from Mathabhanga Municipality.

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Administrative Boundaries : The area is bounded on the north, south and west by the Pachagar Gp and on the east by the Mansai River.

Linkage of Rail, Road, Port & Air : The Mathabhanga Municipality is 650 km away from Kolkata, and can be accessed either by road or railway transport. By road it will take time 16hours and by train it will take time 12hours.

Demographic Growth & Population Projection : As of 2001 India census, Municipality had a population of 21110. Males constitute 51% of the population and females 49%. Municipality has an average literacy rate of 62%, higher than the national average of 59.5%: male literacy is 74% and, female literacy is 65%. In Municipality, 9% of the population is under 6 years of age.

Demographic Data for Mathabhanga Municipality

Year	Population	Area (Sq. km)	Density (Pop/Sq. km)	% Growth 81-91			
				Mathab hanga	KMC	West Bengal	India
2001	21,110	3.71	5,690	1.13	20.45	24.77	23.52
2011	23,895	Source : Percentage of growth rate - census 2011					
2021							

Milstones:

Ambulance Facility : This corporation is providing Ambulance facility for carrying patients to Hospital within and outside Municipality area.

Health Service : For the benefit of down trodden & weaker section of our society this Corporation has established Health units are as follows :-

- 3 Health sub-Centre

Water Supply provided by PHE Dte. : In existing water supply system of Municipality town, Mathabhanga Municipality provides water supply to the major part. The infrastructure available with Mathabhanga Municipality includes deep tube wells and pipe-lines including one reserver.

- | | |
|--|---------------|
| • Citizen Charter | : Followed |
| • Birth & Death Certificate computerization system | : On progress |
| • Tax collection computerization system | : Followed |
| • Store computerization system | : On progress |
| • 80% increase in own source revenue | : Followed |

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Jawaharlal Nehru Nation Urban Renewal Mission (Jnnurm) : Government of India has decided to launch Jawaharlal Nehru Nation Urban Renewal Mission (JNNURM) with an aim to encourage reforms and fast-track planned development of identified cities. The focus is majorly on efficiency in urban infrastructure and service delivery mechanisms, community participation and accountability of ULBs/parastatal agencies towards citizens. Solid Waste Management Best performing town.

Overview : It would be worthwhile to note that there are two submissions under JNNURM, Sub-Mission-I, titled Urban Infrastructure and Governance (UIG), will be administered by the Ministry of Urban Development through the Sub-Mission Directorate to deal with up-gradation/renewal of basic infrastructure in the selected cities and towns and implementation of various reforms pertaining to improved municipal governance including sustenance of development activities.

The Sub-Mission-II, titled Integrated Housing And Slum development Project (IHSDP), will be administered by the Ministry of Urban Employment and Poverty Alleviation through the Sub-Mission Directorate to deal exclusively for urban poor living in slum settlements in town. The focus of IHSDP is to improve the living conditions of the urban poor by way of providing housing along with infrastructure, with a view to gradually removing slums settlement from town.

IHSDP Schemes of JNNURM under MATHABHANGA MUNICIPALITY

IHSDP PHASE-I

Project Name	: IHSDP (Phase-I) Scheme for the Town of Mathabhanga, Coochbehar, West Bengal.
Date of Sanction (approved)	: 1st SLCC dated 28/06/2006. (Originally 3rd SLCC dated 11/04/2007. (Revised)
Project Cost (Rs in Lakh)	: Rs. 289.66 Lakhs
Number of Dwelling Units	: 181 Nos

Housing And Infrastructure Component

1. Dwelling Units
2. Water Supply
3. Roads (Cement Concrete)
4. Drain
5. Street Light

Funding Pattern (Rs. In Lakh)

Govt. of India	Rs. 231.73
Govt. of W.B	Rs. 50.04
ULB	Rs. 21.07
Beneficiary	Rs. 15.79

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6. Community Toilet
7. Solid Waste Management (SWM)
8. Community Seva Kendra

Total = Rs. 318.63

This project is near to completion.

Technical Assistance
Nodal Agency

: MED
: SUDA

IHSDP PHASE-II

Project Name : IHSDP (Phase-II) Scheme for the Town of Mathabhanga, Coochbehar, West Bengal.
Date of Sanction : 9TH SLCC dated 11/02/2009.
Project Cost (Rs in Lakh) : Rs. 856.33 Lakhs
Number of Dwelling Units : 402 Nos

Housing And Infrastructure Component

Funding Pattern (Rs. In Lakh)

1. Dwelling Units
2. Roads i. Cement Congcret
- ii. Bituminus Road
3. Drain
4. Street Light
5. Community Centre
6. Digester
7. Informal Market
8. Lively hood Centre
9. Retaining Wall

Govt. of India	Rs. 633.61
Govt. of W.B	Rs. 138.90
Beneficiary	Rs. 64.32
<u>ULB</u>	<u>Rs. 19.50</u>

Total = Rs. 856.33

This project is near to completion.

Technical Assistance
Nodal Agency

: MED
: SUDA


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Description of all Slums :

The project slums and existing scenario of infrastructure : 25 nos Slums have been selected as Project under PMAY (2018-19) scheme by Mathabhanga Municipality in consultation with the state level Nodal Agency - The State Urban Development Agency (SUDA) under M.A. Department, GoWB.

1. HARIJAN PALLY AND MANMOHAN PARA : The project slum is at the core area of the Municipality at Ward no-01. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.14 square kilometers. The ownership of land lies with ULB. The existing number of households is 168 with a total population of 572. Most of the slum dwellers work 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 slums is little bit poor. The slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in slums are semi metal licor kuchha road. There is 75% 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 a 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. Water supply network is needed in this slum with domestic connection.

2. SHAKHARU PATTY & PART OF PROMOD NAGAR COLONY : The project slum is at the core area of the Municipality at Ward no-01. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.13 square kilometers. The ownership of land lies with ULB. The existing number of households is 180 with a total population of 646. Most of the slum dwellers work 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 slums is little bit poor. The slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in slums are semi metal licor kuchha road. There is 70% 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 a 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. Water supply network is needed in this slum with domestic connection.

3. PROMOD NAGAR COLONY : The project slum is at the core area of the Municipality at Ward no-01. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.17 square kilometers. The ownership of land lies with ULB. The existing number of households is 86 with a total population of 705. Most of the slum dwellers work 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 slums is little bit poor. The slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in slums are semi metallic or kuchha road. There is 72% 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 a 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. Water supply network is needed in this slum with domestic connection.

4. NETAJI PARA COLONY : The project slum is at the core area of the Municipality at Ward no-12. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.12 square kilometers. The ownership of land lies with ULB. The existing number of households is 232 with a total population of 612. Most of the slum dwellers work 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.

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5. NAZRUL PALLY : The project slum is at the core area of the Municipality at Ward no-12. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.12 square kilometers. The ownership of land lies with ULB. The existing number of households is 94 with a total population of 485. Most of the slum dwellers work 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 slums is little bit poor. The slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in slums are semi metallic or kuchha road. There is 75% 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 a 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. Water supply network is needed in this slum with domestic connection.

6. DESHBANDHUPARA COLONY : The project slum is at the core area of the Municipality at Ward no-12. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.08 square kilometers. The ownership of land lies with ULB. The existing number of households is 192 with a total population of 518. Most of the slum dwellers work 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 slums is little bit poor. The slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in slums are semi metallic or kuchha road. There is 72% 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 a 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. Water supply network is needed in this slum with domestic connection.

7. FOREST OFFICE PARA : The project slum is at the core area of the Municipality at Ward no-07. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of households is 31 with a total population of 624. Most of the slum dwellers work 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 slums is little bit poor. The slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in slums are semi metallic or kuchha road. There is 70% 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 a 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. Water supply network is needed in this slum with domestic connection.

8. NEW HOSPITAL PARA : The project slum is at the core area of the Municipality at Ward no-07. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of households is 69 with a total population of 513. Most of the slum dwellers work 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.

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9. SHAKTINAGAR COLONY : The project slum is at the core area of the Municipality at Ward no-07. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.08 square kilometers. The ownership of land lies with ULB. The existing number of households is 180 with a total population of 646. Most of the slum dwellers work as casual labour in

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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 slums is little bit poor. The slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in slums are semi metallic or kuchha road. There is 76% 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 a 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. Water supply network is needed in this slum with domestic connection.

10. GOURIYA MATH PARA : The project slum is at the core area of the Municipality at Ward no-08. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of households is 59 with a total population of 604. Most of the slum dwellers work 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.

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11. DESHBANDHU COLONY : The project slum is at the core area of the Municipality at Ward no-08. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.12 square kilometers. The ownership of land lies with ULB. The existing number of households is 76 with a total population of 610. Most of the slum dwellers work 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.

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12. NRIPENDRA NARAYAN COLONY : The project slum is at the core area of the Municipality at Ward no-02. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of

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households is 150 with a total population of 863. Most of the slum dwellers work 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 slums is little bit poor. The slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in slums are semi metallic or kuchha road. There is 75% 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 a 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. Water supply network is needed in this slum with domestic connection.

13. REBATI RAMAN COLONY : The project slum is at the core area of the Municipality at Ward no-05. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.12 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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14. BIDHAN PALLY : The project slum is at the core area of the Municipality at Ward no-05. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.12 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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15. PANCHANAN PARA : The project slum is at the core area of the Municipality at Ward no-09. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.12 square

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kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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16. PASCHIM TARI : The project slum is at the core area of the Municipality at Ward no-09. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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17. TRINATH COLONY : The project slum is at the core area of the Municipality at Ward no-09. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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18. PACHAGARH COLONY : The project slum is at the core area of the Municipality at Ward no-10. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a

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distance is 21.00Km. The slums are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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19. MAHANANDA COLONY : The project slum is at the core area of the Municipality at Ward no-10. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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20. KANDURAR TARI : The project slum is at the core area of the Municipality at Ward no-10. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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21. NAGAR MATHABHANGA : The project slum is at the core area of the Municipality at Ward no-11. Bituminous road and concrete roads are running in the whole slums

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connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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22. FAKIRA KUTHI COLONY: The project slum is at the core area of the Municipality at Ward no-11. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.08 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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23. NIVEDITA COLONY : The project slum is at the core area of the Municipality at Ward no-03. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.18 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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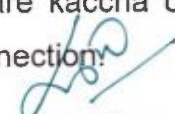
24. AMBEDKAR COLONY : The project slum is at the core area of the Municipality at Ward no-04. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.14 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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25. ASUTHOSH COLONY : The project slum is at the core area of the Municipality at Ward no-06. Bituminous road and concrete roads are running in the whole slums connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 21.00Km. The slums are 29 years old with a total site area is 0.14 square kilometers. The ownership of land lies with ULB. The existing number of households is 303 with a total population of 710. Most of the slum dwellers work 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.

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National Poverty Alleviation Programmes and PMAY

Slum : the focus 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 over crowded residential areas (and not isolated 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.

Background :


- i. 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.

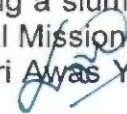
As per Report on Indian Urban Infrastructure and Services (NIUA) Report, the urban population is likely to grow to about 600 million by 2031. About one-fourth (24%) of the urban population of India is poor i.e. their expenditure on consumption goods is less than the poverty line benchmark. The benefits 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 paces has a visible impact on the quality of life of the slum dwellers of the town.

- ii. 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, livelihood 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.

National Missions for Slum Development and Poverty Reduction

- i. The Government of India is committed to creating a slum free India as part of the Jawaharlal Nehru National Urban Renewal Mission (JNNURM). More recently it has also launched the Pradhan Mantri Awas Yojana (PMAY) for


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providing Housing for All (HFA) by 2022 when the Nation Complete 75 years of its independence.

- ii. **Jawaharlal Nehru National Urban Renewal Mission (JNNURM):** JNNURM is a reform- linked urban development and slum up grading program. Under JNNURM, the Government of India has been providing central assistance to 65 metro and large cities to invest in infrastructure improvements with governance reforms under submission on Urban Development.
- iii. **Integrated Housing And Slum Development Project (IHSDP):** IHSDP was under Jawaharlal Nehru Urban Renewal Mission (JNNURM) beginning from the year 2005-2006. The major objectives for the IHSDP program are :-
 - Focused attention to integrated development of basic services to the poor. The basic services include security of tenure at affordable price, improving housing, water supply and sanitation.
 - Secure effective linkages between asset creation and asset managements of the basic services to the urban poor created in the cities, are not only maintained efficiently but also become self-sustaining over time.
- iv. **Swarna Jayanti Shahri Rozgar Yojana (SJSRY) :** SJSRY is a centrally sponsored program and it mainly emphasizes on the poverty reduction through employment generation. Main target groups of the program are: Urban poor, Women, SC/ST, Disabled etc.
- v. **National Slum Development Program (NSDP) :** NSDP is a centrally assisted slum development program. NSDP is mainly for improvement in the environment in the slums as a broader objective through provision of infrastructure facilities and shelter for improving living conditions in the slums.
- vi. **Valmiki Ambedkar Awas Yojana (VAMBAY):** VAMBAY is a central Government scheme to provide housing to the poor. Under VAMBAY scheme, an amount of Rs.50,000 is extended to a beneficiary in a town with more than 10 lacs population while in the cities having population less than 10 lacs. Each beneficiary gets Rs.40,000/- fifty percent of the amount is central government grant while the rest could be taken as loan from HUDCO/ other nationalized banks/state government/urban local bodies.

HFA PoA and Pradhan Mantri Awas Yojana (Housing for All) :

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

ULB undertake a demand survey through suitable means for assessing the actual demand of housing. While validating demand survey, Cities should consider possible temporary migration from rural areas to the town just to take advantage of housing scheme and exclude such migrants from list of beneficiaries. On the basis of demand

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survey and other available data, cities will prepare Housing for All Plan of Action (HFAPoA). HFAPoA should contain the demand of housing by eligible beneficiaries in the town along with the interventions selected out of four verticals. The information regarding beneficiaries should be collected by ULB in suitable. While preparing HFAPoA, ULB and Implementing Agencies should also consider the affordable housing stock already available in the town as Census data suggests that large number of houses are vacant.

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

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

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

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



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

- a. Survey of all slums—notified and non-notified;
- b. Mapping of slums using the state-of-art technology;
- c. Integration of geo-spatial and socio-economic data; and
- d. Identification of development model proposed for each slum.

1. Base maps to an appropriate scale would be a pre-requisite for the preparation of Slum Development Plan/Slum-free Town Plan. States/Uts may need to proceed in the following steps for the preparation of Slum-free Town Plans.

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2. Securing CARTOSATII/latest satellite images from NRSC/ISRO and preparation of base maps for the whole town and its fringes using the images;
3. Identification and inventory of all slum clusters of all descriptions in the urban agglomeration with the help of satellite image and other available data;
4. Inventory of all possible vacant lands in each zone of the urban agglomeration that could be Used for slum development/rehabilitation development purposes;
5. Development of Slum Map of every slum within the town and its fringes using GIS with CARTOSATII images, ground level spatial data collected through total station survey, collating spatial information with respect to plot boundaries, network of basic infrastructure like roads, sewerage, storm drainage and waterlines, etc and super imposing this on the satellite image and importing them into GIS platform as the first step towards the preparation of Slum Development Plans and Slum Free Town Plan.
6. This may be under taken with the help of technical partners of NRSC/ISRO/other technical institutions/agency;
7. Identification and engagement of Lead NGO/CBO to guide and anchor community mobilization for the purpose of slum survey, (May be more than one NGO/CBO indifferent slum zones) of the town. These Lead NGOs/CBOs should also be associated in slum survey operations and dialogues for preparation of slum level development plans;
8. Conduct of Slum Survey based on the detailed formats (with or without changes) prepared by the Ministry of Housing & Urban Poverty Alleviation with the help of National Buildings Organization (NBO)-after due training of trainers, training of survey personnel/canvassers and canvassing. It would be helpful for community mobilization to pick as many canvassers from the sourced slum or nearby slum pockets;
9. Collection of bio-metric identification data of slum dwellers based on the above survey (subject to guidelines issued by Unique Identity Authority of India (UIDAI));
10. Entry of data from Slum Surveys in the web-enabled MIS application (to be provided by Ministry of HUPA), compilation and collation of data, preparation of Slum-wise, Town and State Slum Survey Database and Baseline Reports. The MIS will assist in developing a robust Slum and Slum Households Information System. (Guidelines and software for development of the MIS will be issued by the Ministry of HUPA);
11. Integration of Slum MIS with GIS Maps to enable the preparation of GIS-enabled Slum Information System that is to be used for the preparation of meaningful Slum Development Plans and Slum-free Town Plan using a town-wide/zone-based approach. (Guidelines and software for development of GIS platform and its integration with the MIS will be issued by the Ministry of HUPA);
12. Preparation of Slum-free Town Plan should be based on the development plans for all slums and strategies for the prevention of future slums, including reservation of land and housing for the urban poor. The Plan should contain timeline of activities for achieving slum-free town, phasing information and financial estimates against each of the activities.


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Introduction to Pradhan Mantri Awas Yojana (PMAY)

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

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

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

Eligible Components of the PMAY :

A EWS beneficiary family will comprise husband, wife and unmarried children. The beneficiary family should not own a pucca house (an all weather dwelling unit) either in his/her name or in the name of any member of his/her family in any part of India. to be eligible to receive central assistance under the mission. EWS households are defined as households having an annual income up to Rs.3,00,000 (Rupees Three Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.

Projects pertaining to the following will not be considered for support under PMAY:

1. Water connection
2. Toilet facilities
3. 24 x 7 Electric facilities
4. Roads

Need for Projects :

The projects are needed to fully understand and develop redevelopment models that can be replicated in the town with benefits. One of the key objectives of developing The Projects is to incentivize innovation and encourage new approaches and solutions that can demonstrably improve the quality and quantity of shelter and services for the poor. Such innovation could encompass :

- Projects with strong community participation i.e. Slum up gradation/ redevelopment projects initiated/spearheaded by the community or with their demonstrable involvement and participation in design, planning and implementation

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- Creation of fresh rental housings stock and transit shelters
- New models of public-private partnerships whereby the private sector can be encouraged to take up affordable housing for the EWS/LIG
- Innovations in planning, demonstrating integrated livelihoods, shelter and services; or convergence
- Innovative or cost effective and green building design and technologies
- Financial innovations in delivering the town/state wide programme.

Aims and Objectives (Vision) :

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

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

Objectives :

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

- Integrated development of all existing slums, notified or non-notified, i.e., development of infrastructure and housing in the slums/rehabilitation colonies for the slum dwellers/urban poor, including rental housing.
- Development/improvement/maintenance of basic services to the urban poor, including water supply, sewerage, drainage, solid waste management, approach and internal road, street lighting.
- The Creation of affordable housing stock, including rental housing with the provision of civic infrastructure and services, on ownership, rental or rental-purchase basis.
- Encouraging Public Private Partnership by having pay and use toilets and educate the slum dwellers for keeping the environment clean and hygienic.

State PMAY Mission Director :

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

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

□ Funding Pattern of PMAY

Support from Central Government shall include :

- 1.5 LAKHS of total cost of dwelling unit
- State+ ULB to bear the cost of infrastructure

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- State share for infrastructure to be minimum 5%
- Cost of infrastructure 10% of sum total cost of dwelling unit
- Cost of Capacity building 5% of sum total cost of dwelling unit

Approvals & Release of Funds

- Releases and approvals to be on the basis of DPRs which need to be submitted with approval of State Level Sanctioning and Monitoring Committee
- Innovative projects to be considered for sanction even in the preparatory stage
- Central Funds to be released in 3 installments to the State Governments/SLNA; central assistance under different components will be released to the state / UTs after the approval of CSMC and with concurrence of the integrated Financial Division of the Ministry. Central share would be released in 3 installments of 40%, 40% and 20% each.

Status of existing infrastructure & services

Municipality, with its selected local body in place, has developed institutional strength to implement, operate & maintain proposed infrastructure. The Municipality spreading over an area of 3.71 square kilometers is comprised of 12 wards. With efficient and trained manpower, the Municipality has developed both technical and administrative skills. The development of appropriate municipal organizational structures with qualified staff is essential if municipalities are to provide cost effective services to citizens. With local government reform municipalities are required to take on new tasks, and provide new services. This will only be possible if municipalities have cost-effective and appropriate structures and staff that are well qualified and highly motivated. The municipalities should plan in such a way so as to ensure that they can meet the needs of citizens effectively and efficiently.

Demographic features of the Mathabhanga Municipality :

Total Area of Municipality	3.71 Sq. Km.
Population (as per 2011 SECC)	23,895
Male (as per 2011 SECC)	12042
Female (as per 2011 SECC)	11853
Density of Population (as per 2011 SECC)	6441
Number of Municipal Wards	12
Number of Councillors	12

Urban Services

Role of various agencies engaged in urban sector related services whose jurisdiction includes ULB (Urban Local Bodies).

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Water Supply	P.H.E. Dte.
Solid Waste Management	ULB
Electricity & Street Lighting	WBSEDCL, ULB
Sewerage	ULB
Roads	ULB
Drains	ULB
Health Services	ULB
Education Services	ULB
Social Welfare Services	ULB
Sports & Games	ULB
Building Plan	ULB
Urban Planning	ULB

Water Supply :

Existing water supply service is maintained by the PHE Dte, underground water is lifted by deep tubewells and is supplied through pipelines.

At present the Municipality has 1 no. Of overhead reservoir. Capacity of the reservoir is 2 Lakh gallon. The Municipality has 2326 no. Of piped domestic connection, 3 nos. Commercial connection.

Drainage & Solid Waste Disposal : **Drains**

Municipality being the town of the civic amenities of different company/ plant townships are taken care by the respective company/ plant authorities. Since inception total 10269 Km Concrete drain has been built up. However providing more effective drainage system is the goal of the ULB.

Solid waste disposal

The multifarious types of wastes arising out of human & animal activities that are normally solid in nature and are being discarded as useless are considered as solid waste. Now Solid Waste Management is defined as the method to solve some specific problems of solid waste with its different functional elements. Municipality has four steps of Solid Waste Management. The steps are like: 1. Waste Generation 2. On site storage 3. Collection 4. Disposal. Mathabhanga Municipality generates about 10 TON. of solid waste per day. There are tractors and trailers which disposes the waste to 1 open land fill sites.

Status of Slums under Municipality


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- i. As per the available data, the total number of people living in slums amounts to 15000 covering an area of 2.86sq.km. Thus more than half of Municipality's population resides in slums, squatters and other poor settlements. Their contribution to town's economy has been also been growing over the period.
 - ii. In the absence of a focused program and in a background of ever-increasing urbanisation, the slum dwellers continue to be deprived of access to basic services, socio- economic needs. The problems are multiplied by increasing migration. It is necessary, therefore, to develop clear-cut strategies, Programmes and action plans to provide the basic Services to the Urban Poor.
 - iii. Municipality is basically a town and has been having substantial industrial and economic growth over the years. This has resulted in substantial growth in population triggered of by substantial migration. Continued influxes of migrants have resulted in mushrooming of slums and squatter settlements. Quality of life has thus suffered and the gaps between the demand and supply of essential services and other infrastructures have widened many fold.
 - iv. Slum settlements have multiplied over decades and the living conditions of the poor have not improved. Environmental decline, vehicular pollution, inadequate basic services and infrastructure in the poor settlements hit the poor hardest. Slums are scattered across the town occupying both private land and lands belonging to various public entities. However, they were neither adequate nor did they have proper ventilation or hygiene. Lack of sufficient ventilation in the rooms, low and damp floor levels, congestion, want of proper drainage, and general unhygienic conditions from the characteristics common feature of these bustees. Privy accommodation in many cases is far too inadequate considering the number of the inmates. Through the service privies have been converted, but the numbers are not increased. Infact the slums found in Mathabhanga Municipal area.
- Firstly slums that grew up in the own lands of the dwellers but have no civic amenities, which are basically found in the listed 102 slums.

Slum Infrastructure Improvement Plan

The development objectives are:

- Ensure basic infrastructure services to all slums to provide better quality of life by giving emphasison water supply and sanitation.
- Ensure maintenance of the asset created locally by ensuring collection of user charges locally and to enhance community participation.
- Ensure regular water supply and safe drinking water.
- To improve drainage system removing water logging in the slum.
- To ensure timely disposal of garbage of the slum.
- To provide housing for the dwellers of the slum.
- To provide street light facilities in the slum area.
- To provide road, community bathroom, community toilet and community sevakendra.
- To esure economic upliftment

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TownLevelNumberofnotifiedandnon-notifiedslums					
Town	No.of Slums	No.of Notified Slums	No.of Non-Notified Slums	%ProportionofSlums	
				No.of Notified Slums	No.of Non-Notified Slums
Municipality	25	0	25	0%	100%

Key Findings–Slums under Municipality :

Water Supply : The main source of water supply in Municipality Municipal area is surface water of River Ganga. Besides that another source is canal, which is used for different purposes except drinking purpose. Like other areas slum dwellers also use the ground water through street tap, municipal pipeline.

Sanitation : This is one of the most important services to be provided in the slum. Most of slum dwellers use community latrine.

Drainage system : In this slum there is insufficient drainage network. These areas are generally low and having water logging problems. Drainage network with in the slum is to be designed. This system is to be connected to the main drain network of the ULB. Thus in most cases drainage system will not be effective without this development.

Most households, mainly in the added areas, have made kaccha out lets from their premises that permit waste water to flow out into the street. All the kaccha and pucca drains are connected with approach drain. Most of the drains are filled with was tematerials of the slum. As a result, the situation becomes even worse during the monsoons. Most of the drains are in overflow and water logged in slum areas. Slums of Municipality have both type of drainage system i.e. kaccha and pucca.

Solid waste management : There is no door to door waste collection in this municipal are a as well as slum areas. BWMC held meeting for the campaigning of the system. Proposal for solid wastes collection has taken in allover the municipal area as well as in the slums.

List of slums under Mathabhanga Municipality :

Sl.N o	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum (in sq.km.)
1	001	HARIJAN PALLY & MANMOHAN PARA	Manmohan Para	1	0.14
2	002	SHAKHARU PATTY & PART OF PROMOD NAGAR COLONY	Sakaru patty	1	0.13
3	003	PROMOD NAGAR COLONY	Pramod nagar	1	0.17
4	004	NETAJI PARA COLONY	Netaji para	12	0.12
5	005	NAZURAL PALLY	Nazrul pally	12	0.12
6	006	DESHBANDHUPARA COLONY	Deshkbandhu para	12	0.08
7	007	FOREST OFFICE PARA	Hospital para	7	0.10
8	008	NEW HOSPITAL PARA	Hospital para	7	0.10
9	009	SHAKTINAGAR COLONY	Saktinagar Colony	7	0.08
10	010	GOURIYA MATH PARA	New town	8	0.10

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Sl. No	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum (in sq.km.)
11	011	DESHBANDHU COLONY	Deshkbandhu para	8	0.12
12	012	NRIPENDRA NARAYAN COLONY	Purbapara	2	0.10
13	013	REBATI RAMAN COLONY	Dakshinpara	5	0.12
14	014	BIDHAN PALLY	Bidhanpally	5	0.12
15	015	PANCHANAN PARA	Panchanan Para	9	0.12
16	016	PASCHIM TARI	Maynatali More	9	0.10
17	017	TRINATH COLONY	Trinath Colony	9	0.10
18	018	PACHAGARH COLONY	Pachagar	10	0.10
19	019	MAHANANDA COLONY	Pachagar	10	0.10
20	020	KANDUAR TARI	Kandurartari	10	0.10
21	021	NAGAR MATHABHANGA COLONY	Nagar Mathabhanga	11	0.10
22	022	FAKIRAR KUTHI COLONY	Pachagar	11	0.08
23	023	NIVEDITA COLONY	Paschimpara	3	0.18
24	024	AMBEDKAR COLONY	Madhya Para	4	0.14
25	025	ASHUTOSH COLONY	Amlapara	6	0.14

Proposed Project :

(Background) : It is a path breaking approach being taken up by Central Govt., State Govt. and Municipality, as there are some need to embark on this project with the aim of evolving, demonstrating and establishing models that can thereafter be scaled with a key objective to incentives innovation and encourage new approaches and solutions that can demonstrably improve the quality and quantity of shelter and services for the poor.

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

Sl.No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitation pattern
1	HARIJAN PALLY & MANMOHAN PARA	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.

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Sl.No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitation pattern
2	SHAKHARU PATTY & PART OF PROMOD NAGAR COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
3	PROMOD NAGAR COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
4	NETAJI PARA COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
5	NAZURAL PALLY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
6	DESHBANDHUPARA COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.

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Sl.No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitation pattern
7	FOREST OFFICE PARA	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
8	NEW HOSPITAL PARA	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
9	SHAKTINAGAR COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
10	GOURIYA MATH PARA	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
11	DESHBANDHU COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.

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Sl.No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitation pattern
12	NRIPENDRA NARAYAN COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
13	REBATI RAMAN COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
14	BIDHAN PALLY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
15	PANCHANAN PARA	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
16	PASCHIM TARI	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.

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Sl.No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitation pattern
17	TRINATH COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
18	PACHAGARH COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
19	MAHANANDA COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
20	KANDUAR TARI	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
21	NAGAR MATHABHANGA COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.

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Sl.No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitation pattern
22	FAKIRAR KUTHI COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
23	NIVEDITA COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
24	AMBEDKAR COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.
25	ASHUTOSH COLONY	The condition of living in the slum is unhygienic	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in semi-pucca, made of darma / bricks with tin sheets and asbestos on roof	Majority portion of roads are earthen roads, bitu, cc RD and damaged roads.	Habitation pattern in the slums is congested with insufficient open space.


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Description of all Non Slums :

The project Non slums and existing scenario of infrastructure : 11 nos Non Slums have been selected as Project under PMAY (2018-19) scheme by Mathabhanga Municipality in consultation with the state level Nodal Agency - The State Urban Development Agency (SUDA) under M.A. Department, GoWB.

1. FALAKATA ROAD : The project non slum is at the core area of the Municipality at Ward no-01. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 4.00Km. The Non slum are 29 years old with a total site area is 0.07 square kilometers. The ownership of land lies with ULB. The existing number of households is 177 with a total population of 795. Most of the non slum dwellers work as Service Man, Business Man, 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 Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.

2. PURBA PARA : The project non slum is at the core area of the Municipality at Ward no-02. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 4.00Km. The Non slum are 29 years old with a total site area is 0.0.13 square kilometers. The ownership of land lies with ULB. The existing number of households is 221 with a total population of 995. Most of the non slum dwellers work as Service Man, Business Man, 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 Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.

3. MORANGA ROAD : The project non slum is at the core area of the Municipality at Ward no-03. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 4.00Km. The Non slum are 29 years old with a total site area is 0.03 square kilometers. The ownership of land lies with ULB. The existing number of households is 158 with a total population of 710. Most of the non slum dwellers work as Service Man, Business Man, casual labour in local industries, others engaged in local housekeeping,

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as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas.

The environmental condition in the Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.


4. NEW TOWN PARA : The project non slum is at the core area of the Municipality at Ward no-03. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 4.00Km. The Non slum are 29 years old with a total site area is 0.07 square kilometers. The ownership of land lies with ULB. The existing number of households is 204 with a total population of 920. Most of the non slum dwellers work as Service Man, Business Man, 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 Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.

5. THANA PARA : The project non slum is at the core area of the Municipality at Ward no-03. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 4.00Km. The Non slum are 29 years old with a total site area is 0.02 square kilometers. The ownership of land lies with ULB. The existing number of households is 167 with a total population of 750. Most of the non slum dwellers work as Service Man, Business Man, 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 Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.

6. IMMIGRATION ROAD : The project non slum is at the core area of the Municipality at Ward no-03. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 4.00Km. The Non slum are 29 years old with a total site area is 0.04 square kilometers. The ownership of land lies with ULB. The existing number of households is 152 with a total population of 658. Most of the non slum dwellers work as Service Man, Business Man, casual labour in local industries, others engaged in local housekeeping,


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as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas.

The environmental condition in the Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.

7. MADAN BARI ROAD : The project non slum is at the core area of the Municipality at Ward no-04. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 4.00Km. The Non slum are 29 years old with a total site area is 0.14 square kilometers. The ownership of land lies with ULB. The existing number of households is 181 with a total population of 815. Most of the non slum dwellers work as Service Man, Business Man, 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 Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.

8. AMLA PARA : The project non slum is at the core area of the Municipality at Ward no-06. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 4.00Km. The Non slum are 29 years old with a total site area is 0.14 square kilometers. The ownership of land lies with ULB. The existing number of households is 182 with a total population of 820. Most of the non slum dwellers work as Service Man, Business Man, 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 Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.

9. JADULAL PALLY : The project non slum is at the core area of the Municipality at Ward no-10. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 5.00Km. The Non slum are 29 years old with a total site area is 0.10 square kilometers. The ownership of land lies with ULB. The existing number of households is 176 with a total population of 792. Most of the non slum dwellers work as Service Man, Business Man, casual labour in local industries, others engaged in local housekeeping,

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as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas.


The environmental condition in the Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.

10. BANDH ROAD : The project non slum is at the core area of the Municipality at Ward no-11. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 5.00Km. The Non slum are 29 years old with a total site area is 0.50 square kilometers. The ownership of land lies with ULB. The existing number of households is 177 with a total population of 795. Most of the non slum dwellers work as Service Man, Business Man, 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 Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.

11. SLK ROAD : The project non slum is at the core area of the Municipality at Ward no-03. Bituminous road and concrete roads are running in the whole Non slum connects it to major areas of Mathabhanga Municipality. The nearest railway station at a distance is 5.00Km. The Non slum are 29 years old with a total site area is 0.06 square kilometers. The ownership of land lies with ULB. The existing number of households is 182 with a total population of 820. Most of the non slum dwellers work as Service Man, Business Man, 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 Non slum is little bit poor. The non slum is partially covered with concrete drains but drains are tilted and broken condition resulting clogging. Most of the roads with in Non slum are bituminous road. There is 90% street lights present in the non slum.. Most of the dwelling units are Semi Pucca.


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Description of Non-Non slum :

Sl No	Name of Non Slum	Status	Land	Age in years	National Highway	Status of Housing	Road Status	Habitation Pattern
1	FALAKATA ROAD	The condition of living in the non-slum is not good.	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested with insufficient open space
2	PURBA PARA	The condition of living in the non-slum is not good.	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested with insufficient open space
3	MORANGA ROAD	The condition of living in the non-slum is not good.	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested with insufficient open space
4	NEW TOWN PARA	The condition of living in the non-slum is not good.	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested with insufficient open space

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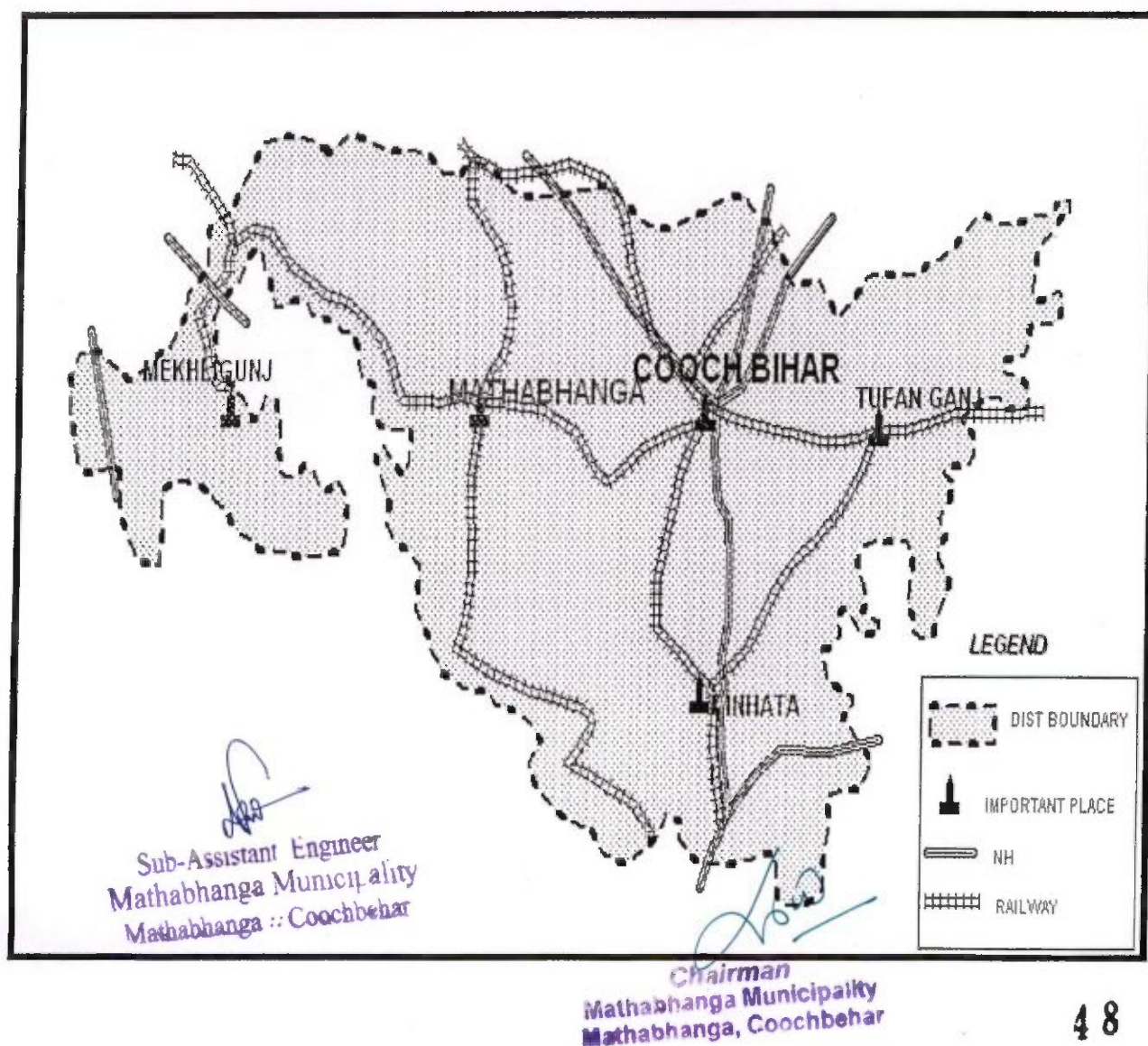
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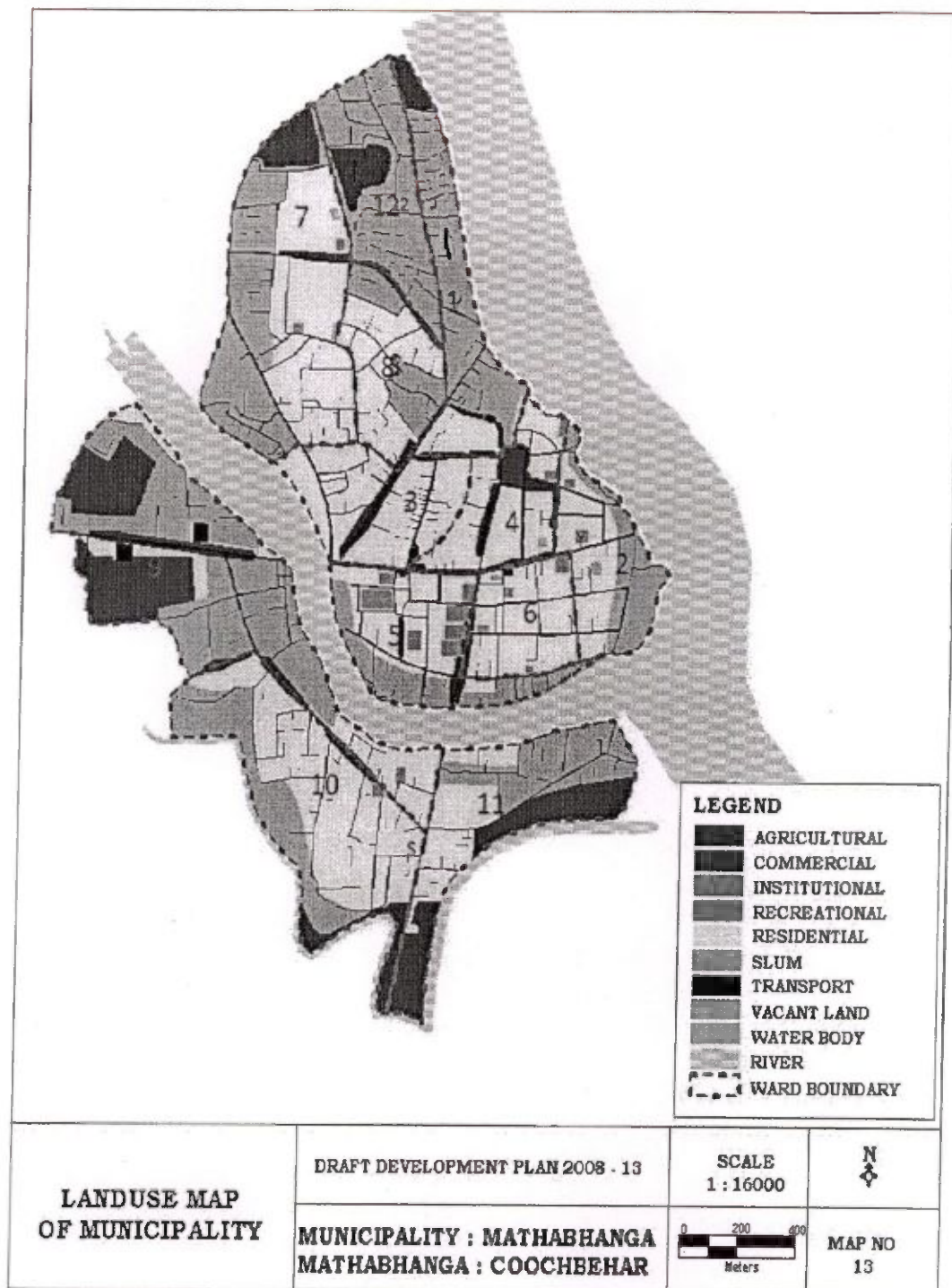
5	THANA PARA	The condition of living in the non-slum is not good.	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested with insufficient open space
6	IMMIGRATION ROAD	The condition of living in the non-slum is not good.	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested with insufficient open space
7	MADAN BARI ROAD	The condition of living in the non-slum is not good.	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested with insufficient open space
8	AMLA PARA	The condition of living in the non-slum is not good.	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested with insufficient open space
9	JADULAL PALLY	The condition of living in the non-slum is not good.	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested with insufficient open space
10	BANDH ROAD	The condition of living in the non-	Land belongs to the beneficiaries within	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested

		slum is not good.	the ULB			house.	CC roads.	with insufficient open space
11	SLK ROAD	The condition of living in the non-slum is not good.	Land belongs to the beneficiaries within the ULB	32	The National Highway - 31 is 20 kms away	Major population is living in Pucca, Semi Pucca house.	Majority portion of roads are Bitu. & CC roads.	Habitation pattern in the Non Non slum is congested with insufficient open space

The proposed PMAY project would address the existing problems in the slum which includes lack of basic physical infrastructure and environmental betterment.

Site Location : The site for the project slum site is at a distance of 5 km from the Station. The project slum is situated at core area in Municipal area. Project slum location: Selected Non slum are demarked with coloured circle.



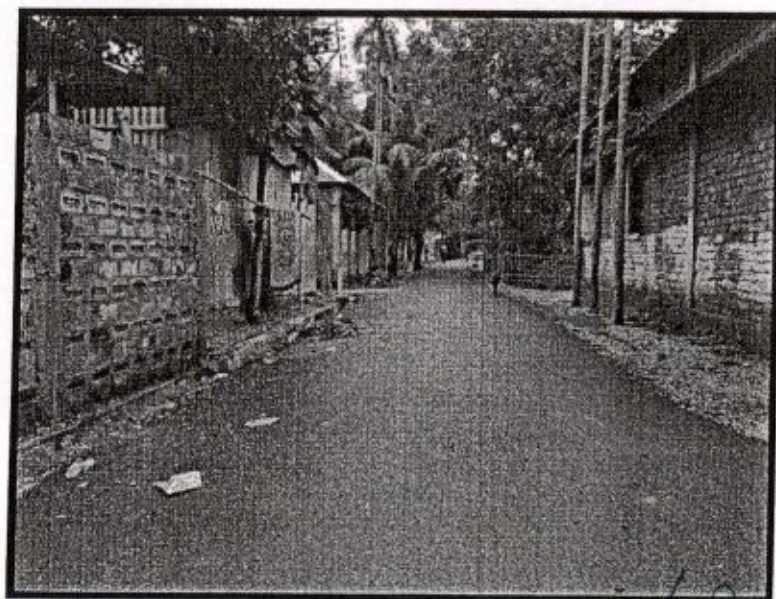
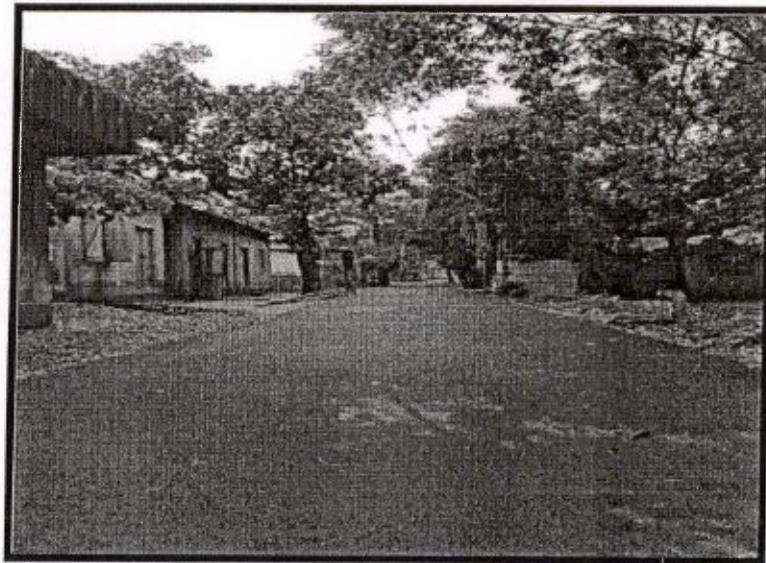
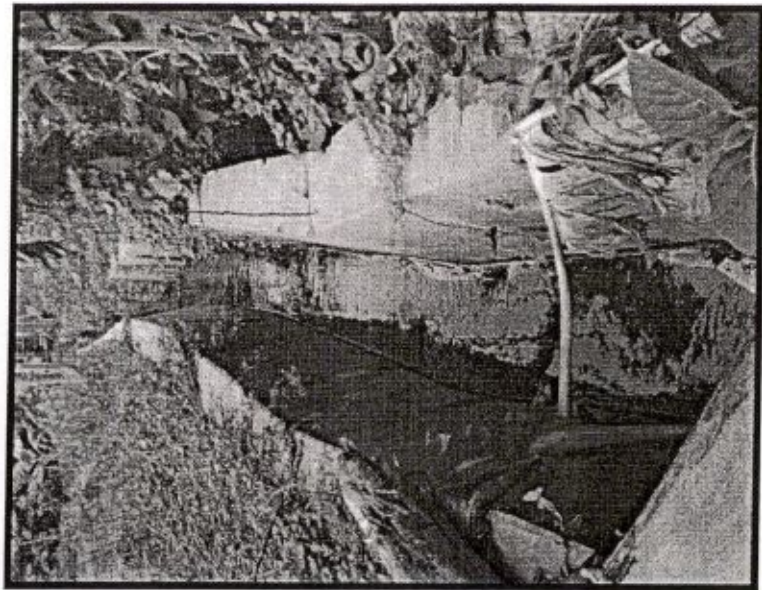


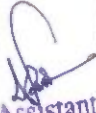
Site Appraisal

1. Condition of the slum was also not very good and the area will be slum free area if it is approved.
2. More over C.I.C. & B.O.C. has also decided to take this slum as PMAY (2018-19) Cluster project in the town.

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 Chairman
 Mathabhanga Municipality
 Mathabhanga, Coochbehar

Existing slum Details :

The environmental condition in the slum is poor. The Non slum lack basic civic amenities mainly drainage, thereby leading to water logging, mainly during rainy season. This has led to an unhygienic living condition in the Non slum. Most of the roads with in Non slum are brick paved or kutcha road. Though there are sufficient street lights available. Most of the population adopts unhygienic method for disposing their waste; there by causing huge damage to health that ultimately leads to significant loss of man-days of work among to the overall physical and social infrastructure is poor.

Sl.No	Name of the Non slum	Ward No	Area of the Slum (Sq. km.)	Age of the Slum (in Years)	Whether located in core Town/Town or Fringe area	Type of Area surrounding Slum	Is the slum Notified/ Declared	Ownership of Land where Slum is located
1	HARIJAN PALLY & MANMOHAN PARA	1	0.14	32	core Town	Residential	Non-Notified	Land belongs to the ULB
2	SHAKHARU PATTY & PART OF PROMOD NAGAR COLONY	1	0.13	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
3	PROMOD NAGAR COLONY	1	0.17	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
4	NETAJI PARA COLONY	12	0.12	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
5	NAZURAL PALLY	12	0.12	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
6	DESHBANDHUPARA COLONY	12	0.08	32	core Town	Residential	Non-Notified	Land belongs to the ULB
7	FOREST OFFICE PARA	7	0.1	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
8	NEW HOSPITAL PARA	7	0.1	32	core Town	Residential	Non-Notified	Land belongs to the ULB
9	SHAKTINAGAR COLONY	7	0.08	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
10	GOURIYA MATH PARA	8	0.1	32	core Town	Residential	Non-Notified	Land belongs to the ULB
11	DESHBANDHU COLONY	8	0.12	32	core Town	Residential	Non-Notified	Land belongs to the ULB
12	NRIPENDRA NARAYAN COLONY	2	0.1	32	core Town	Residential	Non-Notified	Land belongs to the ULB

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Sl.No	Name of the Non slum	Ward No	Area of the Slum (Sq. km.)	Age of the Slum (in Years)	Whether located in core Town/Town or Fringe area	Type of Area surrounding Slum	Is the slum Notified/ Declared	Ownership of Land where Slum is located
13	REBATI RAMAN COLONY	5	0.12	32	core Town	Residential	Non-Notified	Land belongs to the ULB
14	BIDHAN PALLY	5	0.12	32	core Town	Residential	Non-Notified	Land belongs to the ULB
15	PANCHANAN PARA	9	0.12	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
16	PASCHIM TARI	9	0.1	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
17	TRINATH COLONY	9	0.1	32	core Town	Residential	Non-Notified	Land belongs to the ULB
18	PACHAGARH COLONY	10	0.1	32	core Town	Residential	Non-Notified	Land belongs to the ULB
19	MAHANANDA COLONY	10	0.1	32	core Town	Residential	Non-Notified	Land belongs to the ULB
20	KANDUAR TARI	10	0.1	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
21	NAGAR MATHABHANGA COLONY	11	0.1	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
22	FAKIRAR KUTHI COLONY	11	0.08	32	Outside of coreTown	Residential	Non-Notified	Land belongs to the ULB
23	NIVEDITA COLONY	3	0.18	32	core Town	Residential	Non-Notified	Land belongs to the ULB
24	AMBEDKAR COLONY	4	0.14	32	core Town	Residential	Non-Notified	Land belongs to the ULB
25	ASHUTOSH COLONY	6	0.14	32	core Town	Residential	Non-Notified	Land belongs to the ULB

Migration :

Maximum dwellers have migrated from rural areas due to lack of employment in agriculture sector. All household had migrated from rural to urban area. Major portion of the population of this slum is living for more than 30 years in this slum. Hence, dwellers are now permanently depending on 25 nos Non slum and 11 nos Non slum. This justifies as a parameter on the importance of Slum for Insitu development.

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Housing Status :

Housing is the constituent of the social infrastructure of the economy. Like the other constituents, such as the system of education and health, housing also can either reduce or enhance the disparities in the society.

Most of the dwelling units have mud flooring closely followed by cement flooring. Firewood is the major source of cooking fuel in majority of the slum household.

Land Tenure status : All of the existing house holds are on beneficiaries' own land within Mathabhanga ULB.

Physical Infrastructure : Infrastructure is the basic requirement of urban life and its adequacy and accessibility are two important ingredients and key contributors in the up gradation and enrichment of quality of urban life which is the primary objective of any planned development effort. These infrastructure facilities are broadly classified into two aspects:

Physical infrastructure : Water supply, Drainage, Solid waste, Roads, Electricity.

Social infrastructure : Health, School, Community Hall, Lively Hood Centre

Status of Physical Infrastructure

1. HARIJAN PALLY & MANMOHAN PARA	
Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Partially connected
2. Connectivity to town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes
2. SHAKHARU PATTY & PART OF PROMOD NAGAR COLONY	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	Partially connected
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff

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7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes

3. PROMOD NAGAR COLONY

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	PARTLY
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha and road
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Partly
11. Whether Street light facility is available in the Slum	Yes

4. NETAJI PARA COLONY

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	Partially connected
4. Whether the slum is prone to flooding due to rains	NA
5. Frequency of garbage Disposal	Twice a week
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.50 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes

5. NAZURAL PALLY

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected

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3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable kat
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes

6. DESHBANDHUPARA COLONY

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable kat
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes

7. FOREST OFFICE PARA

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorabl-
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motora
11. Whether Street light facility is available in the Slum	Yes

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8. NEW HOSPITAL PARA	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes
9. SHAKTINAGAR COLONY	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Partly
10. GOURIYA MATH PARA	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week

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8. Approach Road/Lane/Constructed Path to Slum	CC and Motorab
9.Distance from the nearest Motorable road	Less than 0.2
10.Internal Road	Partly moto
11.Whether Street light facility is available in the Slum	Yes
11. DESHBANDHU COLONY	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially con
2. Connectivity to Town-wide Strom-water Drainage Supply System	Partially con
3. Connectivity to Town-wide Sewerage System	NA
4.Whether the slum is prone to flooding due to rains	Partial
5. Frequency of garbage Disposal	Twice a w
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a w
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorab
9.Distance from the nearest Motorable road	Less than 0.2
10.Internal Road	Partly moto
11.Whether Street light facility is available in the Slum	Yes
12. NRIPENDRA NARAYAN COLONY	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially con
2. Connectivity to Town-wide Strom-water Drainage Supply System	Partially con
3. Connectivity to Town-wide Sewerage System	NA
4.Whether the slum is prone to flooding due to rains	Partial
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a w
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorab
9.Distance from the nearest Motorable road	Less than 0.2
10.Internal Road	Partly mot
11.Whether Street light facility is available in the Slum	Yes
13. REBATI RAMAN COLONY	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially cor
2. Connectivity to Town-wide Strom-water Drainage Supply System	Partially co
3. Connectivity to Town-wide Sewerage System	NA

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4. Whether the slum is prone to flooding due to rains	Partial
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes

14. BIDHAN PALLY

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partial
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes

15. PANCHANAN PARA

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partial
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes

16. PASCHIM TARI

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8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.25 km
10.Internal Road	Partly motorable
11.Whether Street light facility is available in the Slum	Yes
19. MAHANANDA COLONY	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4.Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.25 km
10.Internal Road	Partly motorable
11.Whether Street light facility is available in the Slum	Yes
20. KANDUAR TARI	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4.Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.25 km
10.Internal Road	Partly motorable
11.Whether Street light facility is available in the Slum	Yes
21. NAGAR MATHABHANGA COLONY	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected

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Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable
9. Distance from the nearest Motorable road	Less than 100 m
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes

17. TRINATH COLONY

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable
9. Distance from the nearest Motorable road	Less than 100 m
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes

18. PACHAGARH COLONY

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week

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3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes

22. FAKIRAR KUTHI COLONY

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes


23. NIVEDITA COLONY

Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes

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Slum	
24. AMBEDKAR COLONY	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes
25. ASHUTOSH COLONY	
Physical Infrastructure	Status
1. Connectivity to Town-wide Water Supply System	Partially connected
2. Connectivity to Town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Slum	CC and Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Slum	Yes


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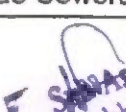
Status of Physical Infrastructure of Non Slum :

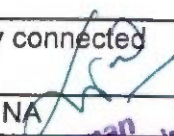
1. FALAKATA ROAD	
Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Non Slum	Yes
2. PURBA PARA	
Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
3. MORANGA ROAD	
Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil

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7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous
9.Distance from the nearest Motorable road	Less than 0.25 km
10.Internal Road	Partly motorable
4. NEW TOWN PARA	
Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4.Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous
9.Distance from the nearest Motorable road	Less than 0.25 km
10.Internal Road	Partly motorable
11.Whether Street light facility is available in the Non Slum	Yes
5. THANA PARA	
Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4.Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous
9.Distance from the nearest Motorable road	Less than 0.25 km
10.Internal Road	Partly motorable
11.Whether Street light facility is available in the Non Slum	Yes
6. IMMIGRATION ROAD	
Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA


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4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Non Slum	Yes

7. MADAN BARI ROAD

Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Non Slum	Yes

8. AMLA PARA

Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Non Slum	Yes

9. JADULAL PALLY

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Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Non Slum	Yes
10. BANDH ROAD	
Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous
9. Distance from the nearest Motorable road	Less than 0.25 km
10. Internal Road	Partly motorable
11. Whether Street light facility is available in the Non Slum	Yes
11. SLK ROAD	
Physical Infrastructure	Status
1. Connectivity to town-wide Water Supply System	Fully connected
2. Connectivity to town-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to Town-wide Sewerage System	NA
4. Whether the slum is prone to flooding due to rains	Partially
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Nil
7. Frequency of clearance open drains	Twice a week
8. Approach Road/Lane/Constructed Path to Non Slum	CC and Bituminous

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9.Distance from the nearest Motorable road	Less than 0.25 km
10.Internal Road	Partly motorable
11.Whether Street light facility is available in the Non Slum	Yes

Majority of the house hold uses public taps for water supply. The situation of water supply in the slum is moderate. Approximately there are 70 numbers of street stand post in all over the Non slum.

Sewerage and Storm Water Drains : Sewerage system is not available at Mathabhanga Municipality. Drainage system as available is moderate. Disposal of storm water/drain/culverts are also moderate. Stagnant water has been observed at some places in and around the slum.

Solid waste : At Solid Waste Management system in the slum is mainly done by the ULB. The waste which is generated is collected daily. The drains are cleared by the ULB twice in a week.

Roads : Approach roads to the Non slum are motorable but some roads within slum are in dilapidated condition.

Roads in front of premises			
Motorable Pucca	Motorable Katcha	Non Motorable Pucca	Non Motorable Katcha
65%	7%	10%	18%

Electricity : Majority of the house hold (100%) have electric own connections, The street lights are maintained by the Municipality.

Literacy level : It is observed that 260 of the population are illiterate. Literacy of the female population is less than that of the male.

Details of Social Infrastructure at a glance:

1. HARIJAN PALLY & MANMOHAN PARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km

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Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	0.5km
Women's Association/Mahila Samithis	0.5km

2. SHAKHARU PATTY & PART OF PROMOD NAGAR COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA

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Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	Within distance of 1.0 km
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA


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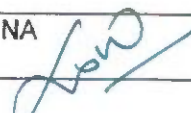
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Youth Association	NA
Women's Association/Mahila Samithis	NA

3. PROMOD NAGAR COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	Within distance of 1.0 km
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 1.0 km
Registered Medical Practitioner (RMP)	Within distance of 1.0 km
Ayurvedic Doctor/Vaidya	Within distance of 1.0 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 1.5 km
Livelihood/Production Centre	NA


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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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

4. NETAJI PARA COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	Within distance of 1.0 km
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA

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Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 1.0 km
Registered Medical Practitioner (RMP)	Within distance of 1.0 km
Ayurvedic Doctor/Vaidya	Within distance of 1.0 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 1.5 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

5. NAZURAL PALLY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km

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Private	Within distance of 1.0 km
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 1.0 km
Registered Medical Practitioner (RMP)	Within distance of 1.0 km
Ayurvedic Doctor/Vaidya	Within distance of 1.0 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 1.0 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA


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6.DESHBANDHUPARA COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	Within distance of 1.0 km
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
Livelihood/Production Centre	NA
Vocational Training/Training cum Production	NA

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Centre	
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

7. FOREST OFFICE PARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	Within distance of 1.0 km
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km

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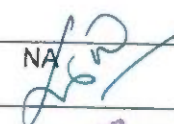
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Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

8. NEW HOSPITAL PARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	Within distance of 1.0 km
High School	
Municipal	NA


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Private	NA
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

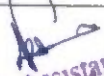
9. SHAKTINAGAR COLONY

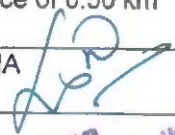
Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA

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Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA


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Youth Association	NA
Women's Association/Mahila Samithis	NA

10. GOURIYA MATH PARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
Livelihood/Production Centre	NA
Vocational Training/Training cum Production	NA

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Centre	
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA


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11. DESHBANDHU COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA

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Self Help Groups/DWCUA Groups in Slum	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

12. NRIPENDRA NARAYAN COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km

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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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

13. REBATI RAMAN COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km

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Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

14. BIDHAN PALLY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km

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State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

15. PANCHANAN PARA


Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	

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Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA


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Self Help Groups/DWCUA Groups in Slum	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

17. TRINATH COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km

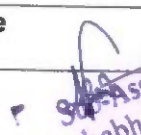
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Mathabhanga, Coochbehar

Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

18. PACHAGARH COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA


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 Chairman
 Mathabhanga Municipality
 Mathabhanga, Coochbehar

Government Hospital	Within distance less than 1 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

19. MAHANANDA COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	

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Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

20. KANDUAR TARI

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA

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Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA

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Women's Association/Mahila Samithis	NA
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21. NAGAR MATHABHANGA COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0
State Government	Within distance less than 1 m
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1 m
Maternity Centre	NA
Private Clinic	Within distance of 0.50
Registered Medical Practitioner (RMP)	Within distance of 0.50
Ayurvedic Doctor/Vaidya	Within distance of 0.50
Social Development/Welfare	Within distance of 1.0
Community Hall	Within distance of 0.50
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA

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Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	Within distance of 0.50
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

22. FAKIRAR KUTHI COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0
State Government	Within distance less than 1 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50
Registered Medical Practitioner (RMP)	Within distance of 0.50
Ayurvedic Doctor/Vaidya	Within distance of 0.50

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Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

23. NIVEDITA COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA

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Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

24. AMBEDKAR COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA

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High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

25. ASHUTOSH COLONY

Education & Social Infrastructure	
Pre-primary School	

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Anganwadi under ICDS	Within distance of 0.50 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance of 0.50 km
Private	NA
High School	
Municipal	NA
Private	Within distance of 1.0 km
State Government	Within distance less than 1.0 km
Adult Education Centre	NA
Health Facilities	Within distance 0.50 km
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1.0 km
Maternity Centre	NA
Private Clinic	Within distance of 0.50 km
Registered Medical Practitioner (RMP)	Within distance of 0.50 km
Ayurvedic Doctor/Vaidya	Within distance of 0.50 km
Social Development/Welfare	Within distance of 1.0 km
Community Hall	Within distance of 0.50 km
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	Within distance of 0.50 km
No. of Neighbourhood Groups (NHGs) in slum	Within distance of 0.50 km
Slum-dwellers Association	NA
Youth Association	NA
Women's Association/Mahila Samithis	NA

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The Supply Demand Gap and Requirements

Particular Requirements

Housing: Dwelling Unit provision for Households with standard provisions:

- 1 Multipurpose Room
- 2 Bed Room
- 3 Kitchen
- 4 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 ingenerating 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 ear marked 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 are as in the town. 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 town.

- 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:


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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 there in. Both „notified slums“—are as 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 within adequate 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 in side 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 water logged as well as approach road to the slum, 7% where the slum was water logged but not the approach road, and 9% where only the approach road was water logged 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 Geo referencing 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

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- 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

Drainage

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/town 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 safe guarding 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 kutcha 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 a part 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 mon soon 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

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Road Infrastructure

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

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. Some roads are substantially worn out. The lane roads are concrete and 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 Municipality shall carry out the overall operation and maintenance.

All the proposed roads are rigid pavement-cement concrete roads. Rigid pavements are those which possess noteworthy flexural strength. The concrete pavement slab can very well serve as a wearing surface as well as effective base course. Therefore usually rigid pavement structure consists of a cement concrete slab, below which a granular base or sub base course may be provided. Rigid pavements are generally designed and the stresses are analyzed using elastic theory, assuming pavement as an elastic plate resting over elastic or a viscous foundation. Construction of granular sub-base (GSB) 200mm thick. Construction of 150 mm thick cement concrete pavement, as per Clause 1501.2.2 M 30 (Grade), as per drawing and Technical Specification Clause 1501.

Outcome

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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 Municipality in networking with the urban poor communities in order to exchange information and views.

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:

- All areas notified as „Slum“ by State/Local Government and UT Administration under any Act;
- All are as 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 atleast 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 within adequate sanitary and drinking water facilities in unhygienic conditions.

Situation Appraisal

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

Proposed Intervention

In line with the vision to „housing for all“, an integrated housing programme is proposed to be implemented. The target will be all the slum dwellers in the pocket. In situ single dwelling units are proposed.

Building type	Number of Dus
In situ single Unit	375 within 24 slums and 64 units within non slums

Building Plan :

The buildings are proposed to cover an area of approximate 32S q.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 25sq.mts and preferably two room accommodation plus kitchen and toilet should be constructed.

Building material :

- PCC (1:3:6) for foundation
- RCCM-20 for substructure & superstructure (Column, Beam, Slab)
- HYSD Steel

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- 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 upto ground level.
- Beam Centre-line dimensions are followed for analysis and design.
- For all the building, walls of 250mm and 125mm thick with 20mm External plaster and 12mm 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 : 2.0kN/m² at typical floor
- 1.5kN/m² on terrace (With Access): 0.75kN/m² on terrace (without Access)
- Floor finish 50 mm (0.05*24)= : 1.2kN/m²
- Ceiling plaster 12mm (0.012*20.8): 0.25kN/m²
- Partition walls (Wherever Necessary): 1.0kN/m²
- Terrace finish: 1.5kN/m²
- Earthquake load: As per IS-1893(Part1)- 2002
- Depth of foundation below ground:,0.7m
- Walls: 250mm thick brick masonry walls at external and 125mm walls internal.

Reference codes:

- IS456: 2000-Code of practice-Plain and Reinforced concrete.
- IS1893:2002- 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 earth quake)for buildings and structures.(Part-2)

Identification of Beneficiaries :

Municipality, 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 town. 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 layout by the urban local body. Respective State Govts. May relax

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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 & CPHEOO 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.

Other costs :

Administrative overheads and engineering design : In addition to the cost of infrastructure, calculated at the current market prices, a reasonable cost should also be estimated for administrative over heads and engineering design.

Land : Own land of Beneficiary.

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:


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

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

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

Project Cost and Financing Strategy For Dwelling Unit

Total no of Dwelling unit	= 760Nos	
Rate per Dwelling unit	= 3.68 Lakhs	
Total Cost of Dwelling unit	= 760 x 3.68	= 2796.80 Lakhs
Central Share	= 760 x 1.50 Lakhs	= 1140.00 Lakhs
State Share	= 760 x 1.93 Lakhs	= 1466.80 Lakhs
Beneficiary Share	= 760 x 0.25 Lakhs	= 190.00 Lakhs
ULB Share	= NIL	

For Infrastructure

10 % of total Dwelling unit cost	= 2796.80 Lakhs x 10%	= 279.68 Lakhs
Central Share	= NIL	
State Share	= 50% x 279.68 Lakhs	= 139.84 Lakhs
Beneficiary Share	= NIL	
ULB Share	= 50% x 279.68 Lakhs	= 139.84 Lakhs
The total project cost will be	= 30.764 crores	

Out of these 30.764 Crores is the cost of Housing Infrastructure. The following table shows the share of cost between housing infrastructure & Physical Infrastructure.

Table : Cost Break up between Housing & Infrastructure

Sl. No.	Component	Cost on Lakhs
1.	Housing Cost (2018-19) Dwelling Units	2796.80
2.	Infrastructure Cost	279.68
Total		3076.48

Sector wise Monitoring and Implementation Plan

Background :

A strong implementation plan and administration frame work is essential for implementation of the identified projects that require strengthening of the Municipality and evolution of a Community Structure.

Accurate assessment of investment requirements and devising a suitable financing strategy are the key components of any sustainable slum rehabilitation program. Implementing bodies must recognize and measure the various costs of developing

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infrastructure and housing, including the costs for subsequent maintenance. As the scheme is a collaborative effort of multiple stakeholders, with a few of them contributing financially as well, it is important to estimate the required capital expenditure for developing the infrastructure and improving the housing stock as accurately as possible.

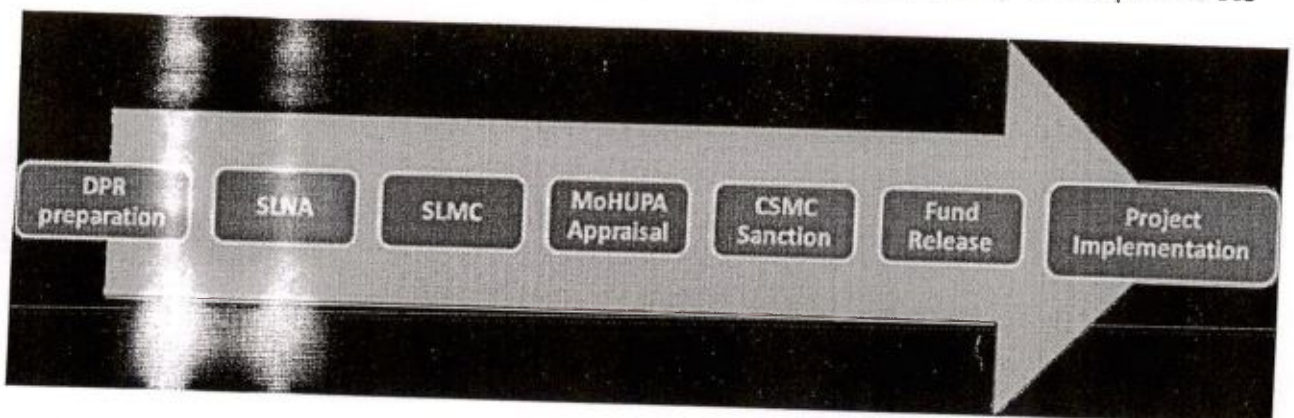
National Level

PMAY Mission Directorate :

There shall be a PMAY Mission Directorate under the charge of a Joint Secretary under the Ministry of Housing and Urban Poverty Alleviation, supported by staff and a Programme Management Unit with experts having expertise in the areas of survey and statistics, computerization and MIS, GIS, Planning, Project engineering, Social development, Monitoring and evaluation etc. for ensuring effective co-ordination with State Governments for expeditious processing of the State Slum-free PoAs and project proposals and providing hand holdings up port to States/UTs.

State PMAY Mission Director :

The State Level Nodal Agency for PMAY/SUDA, West Bengal will have coordination of all scheme and reform-related activities more than one department handling Urban development, Local self government, and Housing. SLNA. The Mission Directorate supported by a team of dedicated professionals having expertise in the fields of GIS, MIS, town planning, community development, project engineering, Capacity development etc



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The Municipality shall act as the implementation agency for the project. Keeping in mind the criticality of the project, a dedicated '**Bustee Works Management Committee (BWMC)**' has been set up for implementation and operation & maintenance (O & M) of the proposed infrastructure under the scheme.

The BWMC will have representatives of local councillor, Chairman-in-Council, municipal engineers,

Town project officer, community organizers and member from the local slum dwellers. Some of the responsibilities of BWMC are listed below :

- i. Identification of poverty pockets in this town to execute the scheme.
- ii. Recruitment of community organizers
- iii. Guiding and assisting the community organizer to form neighbourhood group (NHG) and for identification of RCVs.
- iv. Formation of NHCs and CDs.
- v. Constitution of town level planning and monitoring committee (TLPMC).
- vi. Coordination with CMOH and other concerned district level officers and NGOs for conferen
- vii. Regular contact with SUDA and Department of Municipal Affairs.

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- viii. Convening meeting of TLPMC to take stock of programme implementation and convergence.
- ix. Dovetail all poverty alleviation programmes with IHSDP.
- x. Obtain regular feedback from CD Sand send the required monthly progress report to SUDA by the end of first week of the next month in the prescribed MIS format.

Participation through Beneficiary committees

People's participation in municipal planning and development is critical and shall be ensured

Through of Ward Committees in each ward irrespective of their population and size.

The Ward Committee Rules have also been framed in such a way so as to ensure involvement of the members of the Ward Committees in the overall municipal administration and resource mobilization. The Ward Committee created especially for the purpose of PMAY will be headed by the Councillor of the Ward, who would inturn submit the report of progress to BWMC.

Some of the responsibilities the Ward Committee will be :

- i. Supervision of the physical progress of the work under the project
- ii. Designating in-charge, who would be held responsible for individual scheme under the project
- iii. Collecting user charges for operation and maintenance (O&M) activities
- iv. Ensuring proper maintenance of each of the assets that is created under the project

Participation through Community Based Organization :

Participation of poor families in planning and implementation of slum level Basic Infrastructure Development as well as Socio-Economic Development has been ensured through formation of Community Based Organization. The Ward Committee will also have representative of weaker community. Similar structure have also been involved by the municipalities in providing civic services like conservancy services, maintenance of street light, etc. municipal administration and resource mobilization.

However, basic guidelines, which will be followed in implementation of the projects, are being laid down below:

Social Infrastructure

In order to provide preventive healthcare, mother and child care, supplementary nutrition, referrals and so on, a cost effective but sustainable community infrastructure or institution needs to be developed.

In the first step, community health facilities will be provided from centrally located Community Seva Kendra in slum pockets and for different type of imparting education and other training purpose, Community Centre will be put in place.

The Community Seva Kendra will be the hub of all activities of the Unit like: immunization, health-Checkup of pregnant women, growth monitoring, referrals, nutrition supplementation, awareness training and campaign and soon, besides other activities like Balwadi, NFE, cultural activities etc. Some part time medical staff may be posted for these Units in the slum pockets and some help from trained medicos will essentially be needed for services like health checkup of pregnant women and children, and immunization.

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Thus not with standing the guidelines in this regard, following alternatives will be tried:

- Creation of adedicated cell for administrative activities and maintenance of the Community Seva Kendra
- Assistance from some NGOs like Rotary, Lions, IMA, etc.
- Request to the district outfit of the Health and Family Welfare Department to depute doctors to the UHC by rotation for 2-3 hours, three times a week.
- Engage duly certified in oculators or health workers for immunization only on the basis of Token honorarium.
- Engage private medical practitioners who are motivated to provide service to the poor community and pay them to kenhonorariumin recognition of their service.

Physical Infrastructure

The Ward Committee will not only be supervising and monitoring the progress of the activities, but shall be actively involved in scheme implementation and in mobilization of funds. The Ward Committee will have teams for individual physical infrastructure projects who shall be held responsible the scheme in the slums in the ward. Primary activity of the Committee for schemes is provided below in details.

- i. Assess water supply needs and identify spots for tap.
- ii. Develop water supply plan.
- iii. Train RCVs in hand pump maintenance.
- iv. Develop slum level water and sanitation committee.
- v. Test water quality periodically.
- vi. Construct platform around each hand pump that does not have it already.
- vii. Identify needs for community bathing cubicles for women and selecting ideal spot for constructing the same
- viii. Identify sites for building community toilets cum water points.
- ix. Link community toilets to biogas plant(on experimental basis).
- x. Improve the conditions of drains, soak pits and solid waste disposable bins.

Other Environmental Improvement Measures

- i. Organise hygiene and sanitation drives in slums.
- ii. Sports, games and cultural activities
- iii. Encourage local NGOs/clubs to create facilities for games and athletics for the children and youth.
- iv. Give support to the above by providing materials for games, etc.
- v. Organize annual sports and tournaments.
- vi. Organize facilities for learning music and dramatics.
- viii. Organize annual competition of music, recitation, drawing, drama, etc.

Creating income and employment opportunities for women

- i. Identification of marketable skills for women.
- ii. Arrange skill training with fund available under SUME of NRY.
- iii. Arrange credit-subsidy under SUME to enable the trained women to start and operate micro enterprise.
- iv. Arrange for supply of inputs and marketing of finished products.
- v. Thrift and Credit Society Formation
- vi. SHG Formation
- vii. DWCUA Formation

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[Signature]
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Housing Monitoring

Officers dealing with HOUSING SCHEME at the State headquarters shall visit the slums regularly and ascertain through field visits whether the programme is being implemented satisfactorily and whether the construction of houses is in accordance with the prescribed norms. A schedule of inspection which prescribes a minimum number of field visits for each supervisory level functionary from the State level to the corporation level shall be drawn up and strictly adhered to.

Evaluation Studies

Periodic evaluation studies on the implementation of HOUSING SCHEME shall be carried out by reputed institutions and organizations on issues identified during concurrent evaluation and reviews. Copies of these studies should be furnished to the Govt. of India. Remedial action shall be taken on the basis of the findings of these studies.

Modality of implementation

Before implementation it will be ascertained that either the property title in the name of the female member of the family or atleast the female family member is the co-owner of the holding/property.

Transparency in implementation of Housing Scheme

The list of items on which information would be made available to people to bring about greater

Transparency at the State, District and Corporation levels is given below:

- i. List of people below poverty line in the urban area.
- ii. List of beneficiaries identified during the preceding year and current year including details of SC/ST, BC, women beneficiaries and physically and mentally challenged persons under HOUSING SCHEME. Allocation made to the State under VAMBAY
- iii. Guideline of HOUSING SCHEME/Criteria for selecting beneficiaries.
- v. Display of HOUSING SCHEME signboard/ logo on the allotted houses.

Monitoring & Evaluation

PMAY will be monitored at three levels: Town, State and Government of India. In particular,

- Ministry of Housing and Urban Poverty Alleviation will periodically monitor the scheme.
- State Nodal Agency would send Quarterly Progress Report (on-line) to the Ministry of Housing and Urban Poverty Alleviation.
- Upon completion of a project, the State Nodal Agency, through the State Government, would submit completion report to the Central Government.
- Central Sanctioning-cum-Monitoring Committee will meet as often as required to sanction

And review/monitor the progress of projects sanctioned under the Mission.

- States/Cities will be facilitated through independent quality control/assurance/third party team sat various levels that may be out sourced to specialized/technical agencies.
- Monitoring of projects by States/Urban Local Bodies by conducting Social Audit in conformity with guidelines to be prescribed, right from the stage of project preparation. processes of implementation will be monitored by undertaking concurrent evaluation
- Through reputed independent institutions to ensure that corrections to distortions, oversights or short comings can be made in time.

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Slum Wise Housing List

Sl No	Name of Slum	Total No. of Beneficiary
1	HARIJAN PALLY & MANMOHAN PARA	25
2	SHAKHARU PATTY & PART OF PROMOD NAGAR COLONY	15
3	PROMOD NAGAR COLONY	58
4	NETAJI PARA COLONY	21
5	NAZURAL PALLY	33
6	DESHBANDHUPARA COLONY	26
7	FOREST OFFICE PARA	3
8	NEW HOSPITAL PARA	62
9	SHAKTINAGAR COLONY	5
10	GOURIYA MATH PARA	39
11	DESHBANDHU COLONY	40
12	NRIPENDRA NARAYAN COLONY	15
13	REBATI RAMAN COLONY	24
14	BIDHAN PALLY	6
15	PANCHANAN PARA	19
16	PASCHIM TARI	41
17	TRINATH COLONY	12
18	PACHAGARH COLONY	16
19	MAHANANDA COLONY	37
20	KANDUAR TARI	25
21	NAGAR MATHABHANGA COLONY	33
22	FAKIRAR KUTHI COLONY	6
23	NIVEDITA COLONY	7
24	AMBEDKAR COLONY	3
25	ASHUTOSH COLONY	22

Non Slum Wise Housing List

Sl No	Name of Non Slum	Total
1	FALAKATA ROAD	2
2	PURBA PARA	50
3	MORANGA ROAD	15
4	NEW TOWN PARA	14
5	THANA PARA	14
6	IMMIGRATION ROAD	15
7	MADAN BARI ROAD	27
8	AMLA PARA	19
9	JADULAL PALLY	0
10	BANDH ROAD	4
11	SLK ROAD	7

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Mathabhanga, Coochbehar

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:	:	Coochbehar						
3	Name of the City:	:	Mathabhanga						
4	Project Name:	:	HFA-MATHABHANGA 2018-19						
5	Project Code:	:	19801645034N0						
6	State Level Nodal Agency:	:	State Urban Development Agency (SUDA)						
7	Implementing Agency/ ULB	:	Mathabhanga 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		
		:	Mathabhanga Municipal Area	760	Covering both Slum & Non-Slum area	Notified	No		
10	Project Cost (Rs. In Lakhs)	:	3,076.48						
11	No. of beneficiaries covered in the project	:	GEN	SC	ST	OBC	Total	Minority	Person with Disability
		:	480	172	0	108	760	63	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	185	575	0			
14	No. of beneficiaries covered in the project	:	Male	Female	Transgender				
		:	575	185	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)	:	1,140.00						

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	(Rs. in Lakhs)	
	ii. State grant, (Rs. in Lakhs)	1,606.64
	iii. ULB grant (Rs. in Lakhs)	139.84
	iv. Beneficiary Share (Rs. in Lakhs)	190.00
	v. Total (Rs. in Lakhs)	3,076.48
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	No
	ii. Sewerage	No
	iii. Road	Yes
	iv. Storm Water Drain	Yes
	v. External Electrification	No
	vi. Solid Waste Management	No
	vii. Any Other	No
	viii. In case, any infrastructure has not been proposed, reason thereof.	NA
	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

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25	Whether there is provision in DPR for tracking/monitoring the progress of individual houses through geo-tagged photographs ?	Yes
26	Whether any innovation/cost effective / Green technology adopted in the project?	Yes
27	Comments of SLAC after techno economic appraisal of DPR	Project covers the most needy beneficiaries
28	Project brief including any other information ULB/State would like to furnish	The project covers all wards
29	Project Submission Date to SLSCMC	

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.

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Signature
 Mayor/ Chairman
 Mathabanga Municipality
 Mathabanga, Coochbehar

Signature
 Chief Engineer
 M.E Dte, GoWB

Signature
 Director, SUDA

Signature
 Principal Secretary,
 UD & MA Department, GoWB


Executive Summary

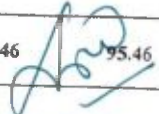
Project Details

1	Name of the State:	:	West Bengal
2	Name of the District:	:	Coochbehar
3	Name of the City:	:	Mathabhanga
4	Project Name:	:	HFA-MATHABHANGA 2018-19
5	Project Cost (Rs. in Lakhs)	:	3,076.48
6	Central Share (Rs. in Lakhs)	:	1,140.00
7	State Share (Rs. in Lakhs)	:	1,606.64
8	ULB Share (Rs. in Lakhs)	:	139.84
9	Beneficiary share (Rs. in Lakhs)	:	190.00
10	Total Infrastructure Cost (Rs. in Lakhs)	:	279.68
11	Percentage of Infrastructure Cost of Housing Cost	:	10
12	Infrastructure Cost per Dwelling Unit (Rs. in Lakhs)	:	0.368
13	Year of Implementation	:	2018-19
14	Component Housing Construction	:	Beneficiary Led Construction (BLC)
15	SOR Adopted	:	PWD (WB) w.e.f 1.7.14 with current corrigendum

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

Sl	Scheme Component	Type	Qty	Unit	Rate (in Rs/Unit)	Proposed Project Cost (In Lakh)	Appraised Project Cost (In Lakh)	Central Share (Rs. 1.5Lakh/ DU)	State Govt. Share (Rs. 1.93Lakh/ DU)	ULB Share @ 0.184 Lakh/ DU	Beneficiaries Share @ 0.25 Lakh/DU)
A. HOUSING											
1	New in-situ										
	Single Storied Units		760	Nos	368000.00	2,796.80	2,796.80	1,140.00	1,466.80	0.00	190.00
Total Housing Cost Sub Total (A)						2,796.80	2,796.80	1,140.00	1,466.80	0.00	190.00
B. INFRASTRUCTURE											
Sl	Scheme Component	Type	Qty	Unit	Rate (in Rs/Unit)	Proposed Project Cost (In Lakh)	Appraised Project Cost (In Lakh)	Central Share (Rs. in Lakh)	State Govt. Share (@50%) (in Lakh)	ULB Share (@50%) (in Lakh)	Beneficiaries Share (in Lakh)
IROADS											
1	Bituminous Road	Bitu. Rd.	33038.77 Sqm.	Sqm.	577.86	190.92	190.92	0.00	95.46	95.46	0.00


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 Chairman
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2. WATER SUPPLY											
	NA										
3 STORM WATER DRAINS											
	Concrete Drain	Concrete Drain	1440.00 mtrs.	Mtrs.	6164.04	88.76	88.76	0.00	44.38	44.38	0.00
	Total Infrastructure Cost Sub Total (B)					279.68	279.68	0.00	139.84	139.84	0.00
	GRAND TOTAL (A+B)					3,076.48	3,076.48	1,140.00	1,606.64	139.84	190.00

Signature of the ULB level
Competent Technical officer

Name & Designation:

Fax No:

Telephone No:

E-mail:

Signature

Director(SUDA)

Name & Designation: Sri Sutanu Prasad
Kar, IAS, Director, SUDA
Fax No: 033-23585767

Telephone No: 033-23585767

E-mail: wbsudadir@gmail.com

Signature of the State
level Competent
Technical Officer

Name & Designation: Chief
Engineer, MeDte, GoWB
Bikash Bhavan, South
Block, 1st Floor, Salt lake, Kol-
91

Fax No: 033-23375474

Telephone No: 033-23371331

E-mail: ce_medte@yahoo.com

Signature of the Mayor/
Chairperson/Municipal
Commissioner

Name & Designation:
Fax No:

Telephone No:

E-mail:

AIP Tables

Annexure 6

(Para 8.6 & Para 14.4 of the Guidelines)

Summary Sheet for Annual Implementation Plan (AIP) for the Year 2018-19

District:		Coochbehar						
Name of the ULB:		Mathabhanga						
Admissible Component	Target for the Year 2015-16	Achievement for the Year 2015-16	Target for the Year 2016-17	Achievement for the Year 2016-17	Target for the Year 2017-18	Achievement for the Year 2017-18	Target for the Year 2018-19	Remaining Target as per HFAPoA

A. Beneficiary Led Construction

New Houses	63	63	439	439	0	Nil	760	1505
Enhancement	Nil	Nil	Nil	Nil	0	Nil	Nil	Nil
Sub Total (A)	63	63	439	439	0	Nil	760	1505

B. In-situ Slum Rehabilitation with participation of Private Sector

• Number of Slums	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
• Number of Households (B)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
C. Affordable Housing in Partnership (EWS Category) (C)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

D. Credit Linked Subsidy

• EWS Households	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
• LIG Households	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
• Sub Total (D)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
E. TOTAL (A+B+C+D)	63	63	439	439	0	Nil	760	1505

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I.Subsidy for Beneficiary-led Individual House Construction or Enhancement

Year *	<u>Beneficiary-led Individual House Construction or Enhancement in Slums & Non-Slum Areas</u>								
	No. of Beneficiaries		Resource Mobilisation (Rs. in Crore)						
	New Housing	Enhancement of Existing House	New Housing	Enhancement of Existing House	Total Cost	Central Share	State Share	Beneficiary Share	ULB Share (if applicable)
2015-16	63	Nil	2.55		2.55	0.95	1.33	0.16	0.12
2016-17	439	Nil	17.77		17.77	6.59	9.28	1.10	0.81
2017-18	0	Nil	0.00		0.00	0.00	0.00	0.00	0.00
2018-19	760	Nil	30.76		30.76	11.40	16.07	1.90	1.40
2019-20									
2020-21									
2021-22									
Total	1262		51.09		51.09	18.93	26.68	3.16	2.32

Note : * Cost of each DU : 3.68 Lakh

II.Slum Rehabilitation of Slum Dwellers with Participation of Private Sector


Year *	<u>Slum Rehabilitation through Participation of Private Sector</u>						
	No. of Slums	No. of Beneficiaries	Resource Mobilisation (Rs. in Crore)				ULB Share (if applicable)
			Total Cost	Central Share	State Share	Beneficiary Share	
2015-16	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2016-17	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2017-18	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2018-19	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2019-20							
2020-21							
2021-22							
Total	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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III. Affordable Housing in Partnership with Public & Private Sectors

Year *	Affordable Housing in Participation with Public & Private Sectors					
	No. of Projects	No. of Beneficiaries	Resource Mobilisation (Rs. in Crore)			
			Total Project Cost (AHP)	Central Share	State Share	ULB Share (if applicable)
2015-16	Nil	Nil	Nil	Nil	Nil	Nil
2016-17	Nil	Nil	Nil	Nil	Nil	Nil
2017-18	Nil	Nil	Nil	Nil	Nil	Nil
2018-19	Nil	Nil	Nil	Nil	Nil	Nil
2019-20						
2020-21						
2021-22						
Total	Nil	Nil	Nil	Nil	Nil	Nil


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IV. Affordable Housing for Weaker Section through Credit Linked Subsidy

Year *	No. of Slums	Affordable Housing through Credit Linked Subsidy					
		No. of Beneficiaries availed Loan		Resource Mobilisation (Rs in Crores)		Estimated Interest Subsidy Availed	
		EWS	LIG	EWS	LIG	EWS	LIG
2015-16	New Housing	Nil	Nil	Nil	Nil	Nil	Nil
	Enhancement (Existing House)	Nil	Nil	Nil	Nil	Nil	Nil
2016-17	New Housing	Nil	Nil	Nil	Nil	Nil	Nil
	Enhancement (Existing House)	Nil	Nil	Nil	Nil	Nil	Nil
2017-18	New Housing	Nil	Nil	Nil	Nil	Nil	Nil
	Enhancement (Existing House)	Nil	Nil	Nil	Nil	Nil	Nil
2018-19	New Housing	Nil	Nil	Nil	Nil	Nil	Nil
	Enhancement (Existing House)	Nil	Nil	Nil	Nil	Nil	Nil
2019-20	New Housing						
	Enhancement (Existing House)						
2020-21	New Housing						
	Enhancement (Existing House)						
2021-22	New Housing						
	Enhancement (Existing House)						
Total		Nil	Nil	Nil	Nil	Nil	Nil


 Signature of the
 Mayor, Chairman/
 Municipal Commissioner

Signature
 (Director, SUDA)

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

Pradhan Mantri Awas Yojana Housing For All (Urban)

Total Covered Area- 32.18 sq.m (With Electrical Works)

Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & 7th Corrigenda

Coochbehar Mathabhanga Sub Div.)

Floor Area 25.37 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm . SOR, PWD, P-1, I -2 a	13.000	%cu.m	12047.00	1566.11
2	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete.(Payment to be made on the basis of measurement of finished quantity of work) a) With earth obtained from excavation of foundation. SOR, PWD, P-1, I/3 a	11.120	%cu.m	7831.00	870.81
	(B) Filling in foundation or plinth by fine sand in layers not exceeding 150mm as directed and consolidating the same by through saturation with water, ramming complete including the cost of supply of sand.(Payment to be made on measurement of finished quantity) SOR, PWD, P-2, I/4(B)	8.000	%cu.m	44973.00	3597.84
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 30mm down graded shingles excluding shuttering.a) In ground floor and foundation.1 : 3 : 6 proportion SOR, PWD, Page 24 ; Item -10 a	3.500	cu.m.	3835.00	13422.50
5	25 mm. thick damp proof with cement concrete (1:1.5:3) (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, I-13	6.810	sqm,	314.00	2138.34
6	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. b) In super structure SOR, PWD, P-29, T -22(a), (b)	10.430 15.240	cum cum	5233.00 5458.00	54580.19 83179.92
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor SOR, PWD, P-31, I -29	23.220	sq.m.	724.00	16811.28
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. (ii) River Bazree SOR, PWD, P-14, T -7(i)	3.940	cu.m.	5600.00	22064.00
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	63049.00	19500.43

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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
10	Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor). (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.) SOR, PWD, P-26, I -12(a) 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M ²	351.00	13009.11
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, I -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)	116.940 111.950 23.330	sq.m. sq.m. sq.m.	171.00 148.00 135.00	19996.74 16568.60 3149.55
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.	39.00	1041.30
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.	272.00	7205.28
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1)a fitted and fixed complete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) SOR, PWD, P-90, I -18 (c)	34	each	22.00	748.00
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood SOR, PWD, P-85, T -1(i)	0.213	cu.m.	40549.00	8636.94
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.	1436.00	12234.72
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	Synthetic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer(As per manufacturer's specification) including cleaning and smoothing of surface. Two coats SOR, PWD P-157, I-11	124.960	sq.m.	73.00	9122.08
					0.00

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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
20	Applying decorative cement based paint of approved quality after preparing the surface including the same thoroughly(plastered or concrete surface)as per manufactures specification. In ground floor: (iii) Two Coats SOR, PWD P-158, I-16	100.560	sq.m.	53.00	5329.6
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
					0.00
	Supplying, fitting and fixing 1st quality ceramic tiles in walls and floors to match with the existing work and 4 nos. of key stones (10mm) fixed with araldite at the back of each tiles and finishing the joints with white cement mixed with colouring oxide if required to match the concrete surface, if necessary or by synthetic adhesive and grout materials etc. (B) Wall 52, I-30 SOR, PWD, P-	8.600	sq.m.	843.00	7249.80
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia with center bolt and round fitting. 300 mm long SOR, PWD, P-93, I - 27c	2.000	each	193.00	386.00
24	Precast piers concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item will not be issued by deptt. SOR, PWD, P-32, I - 38 (b)	1.690	sq.m.	351.00	593.19
25	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete. P-173, I-21 A (ii), C(ii), D(ii) SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii) i) UPVC Pipe 110 mm dia ii) UPVC Bend 87.5 degree 110 mm dia iii) UPVC Shoe 110 mm	3.000 2.000 1.000	Mtr. each each	291.00 162.00 128.00	873.00 324.00 128.00
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/m2 SOR, PWD, P - 76, I - 10 (i) (2.70sqm @ 10.5kg per sqm = 28.35 kg)	0.284	Qntl	8247.00	2342.15
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied ,fitted and fixed in position (excluding cost of concrete for fixing). 450 mm long SOR, PWD, (Sanitary) P - 65, I - 1 (iii)	1.000	each	9184.00	9184.00

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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including adding colour as necessary. SOR, PWD, (Sanitary) P - 66, I - 9	1.000	Pair	70.00	70.00
29	Supplying, fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed surface. S Trap 100 mm SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)	1.000	each	923.00	923.00
30	Supplying, fitting fixing CI Round Gratings 150mm dia SOR, PWD, (Sanitary) P - 55, I - 18(ii)	1.000	Each	100.00	100.00
	Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement mortar (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 75mm. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plastering and neat cement punning on top of the slab and making hooking arrangment on slab for lifting of the slab if require as well as jointing the connection with the inspection pit (450 x 450) covered with 50mm thick RCC slab (4:2:1) with stone chips and necessary reinforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder 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.		350045.15
	Say		Rs.		350045.00
	Add for Electrical Works (ANNEXURE-I)		Rs.		17858.00
	TOTAL AMOUNT		Rs.		367903.00
(Rupees Three lakh Sixty seven thousand nine hundred and three only)					


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Annexure - II

Format - A

(Format for Rate Analysis of Cement Concrete Item)

Item 7. Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding Consumption of Stone aggregate (Page B-59)

20 mm = 0.573 Cum

10 mm = 0.287 Cum

Distance of site considered =

10 Km

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

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ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER RAY					
(ANNEXURE-I)					
Sl.No	Item of works	Unit	Rate	Quantity	Amount
1	Supplying & fitting polythene pipe complete with fittings as necessary. Under ceiling /beam/bound with 22SWG GI wire inclusive S & Drawing 1x18 SWG GI wire as fish wire inside the pipe & fittings and providing 55 mm dia disc of MS sheet (20SWG) having colour paint at one face first ended at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction) 19 mm dia 3 mm thick polythene pipe	RM	39.00	25.00	975.00
2	Powerckt wiring supplying and drawing I ; 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 accessries embedded in wall smooth run to light / fan/call bell point with pino key type switchb (6 Amps) (Anchor make) fixed on sheet metal (16 SWG) Switch Board with bakelite/ perspex (wall maching colour) Top cover (3 mm thick) flushed in wall including mending all good damages to original finish Average per point 6.00 mt.	points	828.00	10.00	8280.00
4	Deistribution concealed wiring with 2x1.5 sq mm (PH & N) single core stranded FR PVC insulated & unseathed single core stranded 1.1 KV grade Copper Wire (finolex) & 1x1.5 sq mm (ECC) single core stranded (PH & N) 1.1 KV grade cu wire (finolex) & 1 x 1.5 sq mm single core stranded PVC insulated & 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

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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 aqs 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	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-13, I-16(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(B)C(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

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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


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Rate Analysis
Brick Work 4:1 in foundation & plinth

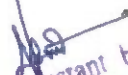
Step - 1	Schedule Rate	Rs	6068.00(A)
Step - 2	Deduct cost of cement=(Qty of cement)x(lissue rate of cement vide item no-1 column-4 Table1-1 of Annexure-1 0.055x8100	Rs	672.30(B)
Step - 3	Add cost of cement supplied by cost contractor including 10% proffite = 1.1x(Qty of cement)x(Basik price of cement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

Rate Analysis
Ordinary Mix Concreate 1:1.5:3

Step - 1	Schedule Rate	Rs	6802.63 (A)
Step - 2	Deduct cost of cement=(Qty 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(Qty 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)
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Step - 2	Deduct cost of cement=(Qty 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(Quanty 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)


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