

2017-18

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## I. PREFACE

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

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

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

We are hopeful that this ULB will be able to utilize the success of this Program for further Municipal developmental works & for upgrading the quality of civic life. It will facilitate this ULB to be self-reliant so that this town can be a potential generator of economic momentum in the desired direction.

The town has 151 Nos. Slum and 60 Nos. Non Slum Pockets. DPR has been prepared on 86 Nos. Slum and 42 Nos. Non Slum Pockets to minimize the deficiencies in civic amenities after carrying out necessary field survey work, the Slums.

This project report has been prepared for total outlay of Rs. 5207.76 lakhs and the physical schemes for this town have been identified on the basis of preliminary assessment befitting with the final and comprehensive development project plan for the entire town.

## **II. Introduction Note by Chairman :**

Since independence India is striving towards elementary education, food security and housing for all. But after a lapse of almost 70(seventy) years of its independence, those aims have not been possible to be achieved at a desired level till today although the Central and the State Government invoked several social welfare and social security schemes for the benefit of the down trodden people of the society. Houses of the poor people are constructed under few Awas Yojana in various nomenclatures but that was very negligible in comparison to actual need.



As a result it has been felt to provide houses to each and every deserving people of our country living in both the slum and non slum areas under 4 verticals. Honourable Prime Minister has expressed his desire that in the 75 years of our country's independence there should not be any families without houses of their own. Naturally the present scheme Housing for All under PMAY has appeared as a golden opportunity before those BPL/ EWS/LIG families who actually deserve to be provided with a house by 2022. Development is not a one point agenda. With the complex social, political and economic situation it is indeed a daunting task. However we believe that we are progressing in the right direction with the support of Government of West Bengal and Ministry of Housing and Urban Poverty Alleviation, Government of India we will be able to achieve the desired objectives.

It's an honour and privilege to present before the people of Haldia Municipal Area, the 1<sup>st</sup> Housing For All Plan of Action which offers to provide development of all slums and ensure that new slums do not come up and thereby developing into a vibrant economy. The Housing For All Plan of Action has been prepared and we look forward for a great future.



Chairman,

**Haldia Municipality.**

**III. Abbreviations :**

<b>A &amp; OE</b>	Administrative and Other Expenses
<b>AHP</b>	Affordable Housing in Partnership
<b>AIP</b>	Annual Implementation Plan
<b>BMTPC</b>	Building Materials & Technology Promotion Council
<b>CDP</b>	City Development Plan
<b>CLS</b>	Credit linked subsidy
<b>CNA</b>	Central Nodal Agencies
<b>CPHEEO</b>	Central Public Health and Environmental Engineering Organization
<b>CSMC</b>	Central Sanctioning and Monitoring Committee
<b>DIPP</b>	Department of Industrial Policy and Promotion
<b>DPR</b>	Detailed Project Report
<b>EMI</b>	Equated Monthly Installment
<b>EWS</b>	Economically Weaker Section
<b>FAR</b>	Floor Area Ratio
<b>FSI</b>	Floor Space Index
<b>HFA</b>	Housing for All
<b>HFA PoA</b>	Housing for All Plan of Action
<b>IEC</b>	Information Education & Communication
<b>IFD</b>	Integrated Finance Division
<b>IIT</b>	Indian Institute of Technology
<b>IS</b>	Indian Standard
<b>LIG</b>	Low Income Group
<b>MD</b>	Mission Directorate
<b>MoA</b>	Memorandum of Agreement
<b>MoHUPA</b>	Ministry of Housing and Urban Poverty Alleviation
<b>MoU</b>	Memorandum of Understanding
<b>NA</b>	Non Agricultural
<b>NBC</b>	National Building Code
<b>NHB</b>	National Housing Bank
<b>NOC</b>	No Objection Certificate
<b>NPV</b>	Net Present Value

<b>PLI</b>	Primary Lending Institution
<b>RWA</b>	Residents' Welfare Association
<b>SECC</b>	Socio Economic and Caste Census
<b>SFCPoA</b>	Slum Free City Plan of Action
<b>SLAC</b>	State Level Appraisal Committee
<b>SLNA</b>	State Level Nodal Agency
<b>SLSMC</b>	State Level Sanction and Monitoring Committee
<b>TDR</b>	Transfer of Development Rights
<b>TPQMA</b>	Third Party Quality Monitoring Agency
<b>NA</b>	Non Agricultural
<b>NBC</b>	National Building Code
<b>NHB</b>	National Housing Bank

## IV. Working Definitions :

<b>Affordable Housing Project:</b>	Housing Projects where 35 % of the houses are constructed for EWS category.
<b>Beneficiary</b>	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.
<b>Carpet Area</b>	Area enclosed within the walls, actual area to lay carpet. This area does not include the thickness of the inner walls.
<b>Central Nodal Agencies</b>	Nodal Agencies identified by Ministry for the purposes of implementation of Credit Linked subsidy component of the mission.
<b>Economically Weaker Section(EWS)</b>	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.
<b>EWS House</b>	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.
<b>“Floor Area Ratio” (FAR)/FSI</b>	<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>
<b>Implementing Agencies</b>	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.
<b>Low Income Group (LIG)</b>	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.

<b>Primary Lending Institutions (PLI)</b>	Scheduled Commercial Banks, Housing Finance Companies, Regional Rural Banks (RRBs), State Cooperative Banks, Urban Cooperative Banks or any other institutions as may be identified by the Ministry.
<b>Slum</b>	A compact area of at least 300 populations 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.
<b>State Land Nodal Agencies (SLNAs)</b>	Nodal Agency designated by the State Governments for implementing the Mission.
<b>Transfer of Development Rights (TDR)</b>	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.



V. Project at a Glance :

**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:	:	Purba Medinipur						
3	Name of the City:	:	Haldia						
4	Project Name:	:	HFA-HALDIA 2017-18						
5	Project Code:	:	19801760024N0						
6	State Level Nodal Agency:	:	State Urban Development Agency (SUDA)						
7	Implementing Agency/ ULB	:	Haldia 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		
			Haldia Municipal Area	750	Covering both Slum & Non-Slum area	Notified	No		
10	Project Cost (Rs. In Lakhs)	:	3,036.00						
11	No. of beneficiaries covered in the project	:	GEN	SC	ST	OBC	Total	Minority	Person with Disability
			645	104	0	1	750	118	2
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	156	594	0
14	No. of beneficiaries covered in the project	: Male	Female	Transgender	
		: 594	156	0	
15	Whether it has been ensured that selected beneficiaries have rightful ownership of the land ?	: Yes			
16	Whether building plan for all houses have been Approved?	: Yes			
17	i. GoI grant required (Rs. 1.5 lakh per eligible beneficiary) (Rs. in Lakhs)	: 1,125.00			
	ii. State grant, (Rs. in Lakhs)	: 1,585.50			
	iii. ULB grant (Rs. in Lakhs)	: 138.00			
	iv. Beneficiary Share (Rs. in Lakhs)	: 187.50			
	v. Total (Rs. in Lakhs)	: 3,036.00			
18	Whether technical specification / design for housing have been ensured as per Indian Standards / NBC/ State Norms?	: Yes			
19	Whether it has been ensured that balance cost of construction is tied up with State Grant, ULB Grant & Beneficiary Share ?	: Yes			
	Whether trunk and line infrastructure is existing or being provisioned?	:			
	i. Water Supply	: Yes			
	ii. Sewerage	: No			
	iii. Road	: Yes			
	iv. Storm Water Drain	: Yes (Partial)			

	v. External Electrification	:	Yes (Partial)
	vi. Solid Waste Management	:	Yes (in Major Places)
	vii. Any Other	:	No
	viii. In case, any infrastructure has not been proposed, reason thereof.	:	Internal small RCC Road, Water supply Pipeline & Drain has been taken up in the ID Component in the places where it has not been incorporated.
20	Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation of the project ?	:	Yes
21	Whether Demand Survey Completed for entire city ?	:	Yes
22	Whether City-wide integrated project have been formulated ? If not reasons thereof ?	:	Yes
23	Whether validation with SECC data for housing condition conducted ?	:	Yes
24	Whether Direct Benefit Transfer (DBT) of fund to individual bank account of beneficiary ensured in the project ?	:	Yes
25	Whether there is provision in DPR for tracking/monitoring the progress of individual houses through geo-tagged photographs ?	:	Yes
26	Whether any innovation/cost effective / Green technology adopted in the project?	:	Yes
27	Comments of SLAC after techno economic appraisal of DPR	:	Project covers the most needy beneficiaries
28	Project brief including any other information	:	The project covers all wards



	ULB/State would like to furnish	
29	Project Submission Date to SLSMC	:

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

**Signature**  
(ULB Level Nodal Officer)

Office Seal  
Of Haldia Municipality  
Haldia

**Signature**  
(Chairman/Chairperson)

**Chairman**  
HALDIA MUNICIPALITY



**AIP Tables****Annexure 6**

(Para 8.6 &amp; Para 14.4 of the Guidelines)

**Summary Sheet for Annual Implementation Plan (AIP) for the Year 2017-18**

<b>District:</b>	<b>Purba Medinipur</b>					
<b>Name of the ULB:</b>	<b>Haldia</b>					
<b>Admissible Component</b>	<b>Target for the Year 2015-16</b>	<b>Achievement for the Year 2015-16</b>	<b>Target for the Year 2016-17</b>	<b>Achievement for the Year 2016-17</b>	<b>Target for the Year 2017-18</b>	<b>Remaining Target as per HFAP oA</b>
<b>A. Beneficiary Led Construction</b>						
• New Houses	1626	1626	0	0	750	9503
• Enhancement	Nil	Nil	Nil	Nil	Nil	Nil
• Sub Total (A)	1626	1626	0	0	750	9503
<b>B. In-situ Slum Rehabilitation with participation of Private Sector</b>						
• Number of Slums	Nil	Nil	Nil	Nil	Nil	Nil
• Number of Households (B)	Nil	Nil	Nil	Nil	Nil	Nil
<b>C. Affordable Housing in Partnership (EWS Category) (C)</b>						
	Nil	Nil	Nil	Nil	Nil	Nil
<b>D. Credit Linked Subsidy</b>						
• EWS Households	Nil	Nil	Nil	Nil	Nil	Nil
• LIG Households	Nil	Nil	Nil	Nil	Nil	Nil
• Sub Total (D)	Nil	Nil	Nil	Nil	Nil	Nil
<b>E. TOTAL (A+B+C+D)</b>	<b>1626</b>	<b>1626</b>	<b>0</b>	<b>0</b>	<b>750</b>	<b>9503</b>

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

Year *	<b><u>Beneficiary-led Individual House Construction or Enhancement in Slums &amp; Non-Slum Areas</u></b>								
	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	1626	Nil	65.82		65.82	24.39	34.37	4.07	2.99
2016-17	0	Nil	0.00		0.00	0.00	0.00	0.00	0.00
2017-18	750	Nil	30.36		30.36	11.25	15.86	1.88	1.38
2018-19									
2019-20									
2020-21									
2021-22									
<b>Total</b>	<b>2376</b>		<b>96.18</b>		<b>96.18</b>	<b>35.64</b>	<b>50.23</b>	<b>5.94</b>	<b>4.37</b>

Note : \* Cost of each DU : 3.68 Lakh

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

Year *	<b><u>Slum Rehabilitation through Participation of Private Sector</u></b>						
	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							
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						
2019-20						
2020-21						
2021-22						
<b>Total</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

**IV. Affordable Housing for Weaker Section through Credit Linked Subsidy**

Year *	Affordable Housing through Credit Linked Subsidy			
	No. of Slums	No. of Beneficiaries	Resource	Estimated Interest

**DPR for HFA 2017 - 18**



		availed Loan		Mobilisation (Rs in Crores)		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						
	Enhancement (Existing House)						
2019-20	New Housing						
	Enhancement (Existing House)						
2020-21	New Housing						
	Enhancement (Existing House)						
2021-22	New Housing						
	Enhancement (Existing House)						
<b>Total</b>		<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>



## **1. City Profile and Overview:**

### **1.1 History of Haldia Municipality:**

Haldia Municipality established on 9<sup>th</sup> June 1997. It aims at growing as a modern and sophisticated industrial hub in West Bengal. It is the largest ULB outside KMA having 109.65 sq. km. area, is already having around 36 major industries and about 40 industries are in the pipe line to be set up shortly. Haldia, an urban municipal town in Purba Medinipur district, is well connected by rail and road with the State capital, Kolkata. Haldia Dock Complex was commissioned in the year 1977 on the western bank of river Hooghly, 50 kms from the pilot Boarding Point. Haldia Dock Complex is the first modern port project taken up in India with the facilities to handle all types of traffic and bulk cargo and to provide full-fledged container handling facilities. With a view to keeping pace with rapid increase in industries, Haldia Municipality has planned for growth in the entire front to better service to the Industries. Haldia is in the process of being transformed into the most coveted industrial destination in eastern India, and also the “gateway to south-east Asia.” In order to achieve and sustain this position, Haldia Development Authority(HDA)&Municipal authority provides the necessary infrastructure for industrial and urban development, which includes land acquisition, development of physical infra structure, housing, transport, water for domestic and industrial purpose, electricity, drainage and solid waste disposal facilities and provide social infrastructure like educational institution, health facilities, recreation and amenities, commercial centres.

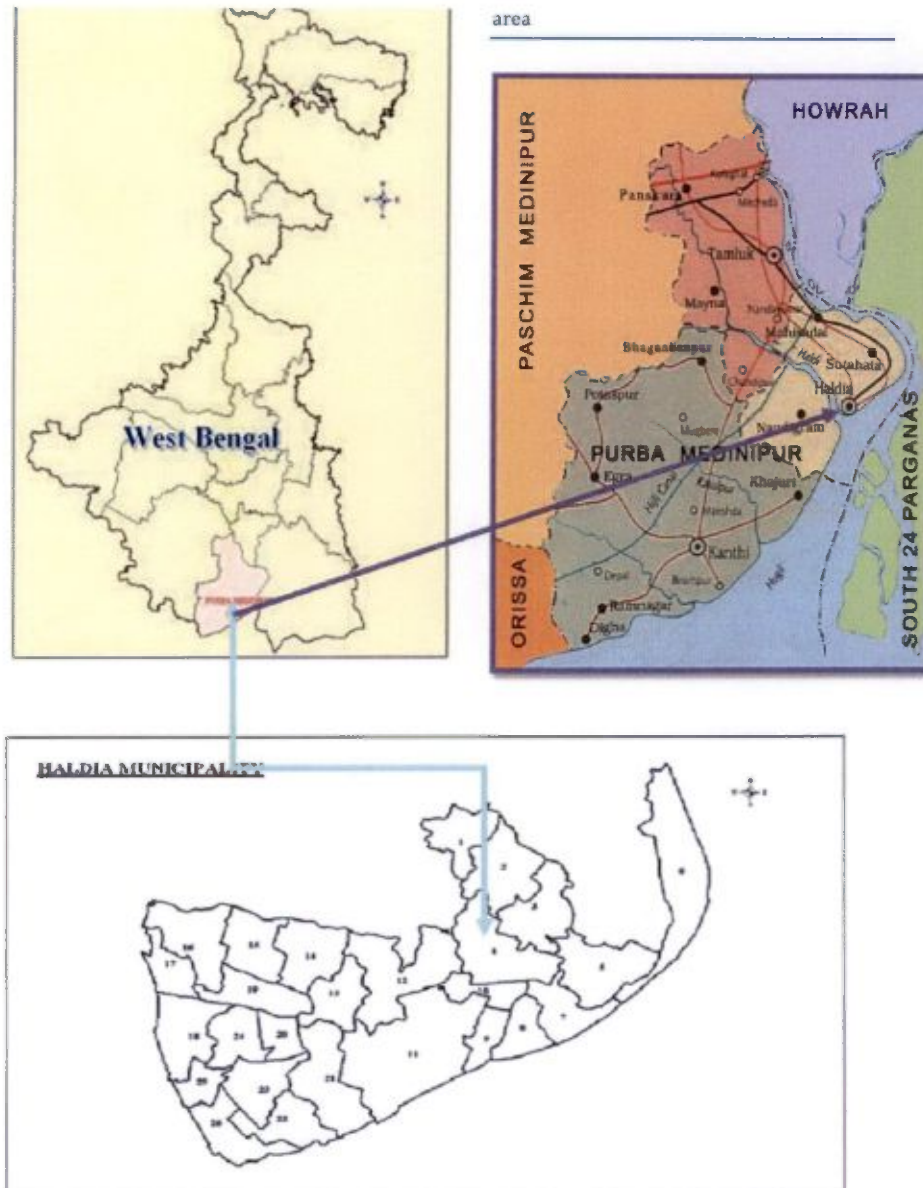
### **1.2 Year of Establishment:**

The Department of Municipal Affairs, Government of West Bengal, dissolved Haldia Notified Area Authority on 01.10.1996 and an Administrator was appointed till election was held to form a Board. The first Board of Haldia Municipality took oath on the 9th June, 1997.

### **1.3 Administrative Boundaries:**

Haldia Municipality, located at the southern part of Purba Medinipur district, West Bengal, is bounded by 22o03'36.4” Latitude and 88o04'39” Longitude. Haldi River flows by the western side of the Municipality and Hugli river flows on the south-eastern part. The Dock complex is on the southern part of the Municipality. It is bordered by, Sutahata block in the north, Hugli river in the east and south and Haldi river in the west, which are the main two distributaries of the river Ganga.

**1.4 Geographical Position of HALDIA Municipal area:**



**1.5 Connectivity**

Haldia, an urban municipal town in Purba Medinipur district, is well connected by rail and road with the State capital, Kolkata. District Head Quarter, Tamluk is only 33 KM from Haldia. The State Capital, Kolkata is 80 KM. from Haldia. The town has direct railway and road links with the neighbouring towns, like Medinipur, Mechada, Kharagpur, etc. The trains under South-Eastern railways pass through nearby main town, Mechada. NH-41 connects this town with Kolkata, stretching from N/W area to S/E area. There are a number of State Highways, viz. Haldia-Mechada, Haldia-Sutahata, Haldia-Kukrahati. Regular A.C. bus runs between Esplanade (Kolkata) and Haldia. The nearest air base is Netaji Subhas Chandra Bose airport at Dum Dum, Kolkata.

### 1.6 Haldia Port

Haldia Dock Complex was commissioned in the year 1977 on the western bank of river Hooghly, 50 kms from the pilot Boarding Point. Haldia Dock Complex is the first modern port project taken up in India with the facilities to handle all types of traffic and bulk cargo and to provide full-fledged container handling facilities. There are twelve berths in Haldia Dock System. Nine berths are inside the compounded dock system and the oil jetties are situated on the Hooghly river bank. After commissioning of third oil jetty at Haldia Dock Complex the total annual capacity of POL crude handling by 3 jetties is now 16 million tons.

### 1.7 Economic Activity

Haldia aims at growing as a modern and sophisticated industrial hub in West Bengal. There are around 30 nos. large and medium scale industries in Haldia and in the near future about 40 industries is going to be set up. With a view to keeping pace with rapid increase in industries, Haldia Municipality has planned for growth in all the front to better service to the Industries.

### 1.8 Places of Interest

About 30% of total populations are living in township area. Civic amenities like portable drinking water, electricity, road network, schools, colleges, hospital etc. are attracting people to live in this area.

### 1.9 Growth of Population

**Table 1: Demographic Growth and Population Projection**

Year Population Growth Rate (% age)

Year	Population	Growth Rate (% age)
1971	9968	
1981	21122	112
1991	100347	375
2001	170695	70
2011	200827	18
2021	240992	20
2031	284371	18

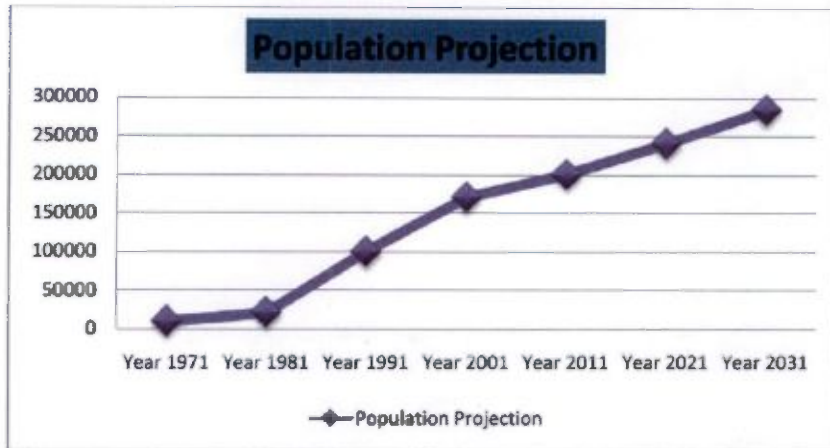


Figure 1: Population Projection

### 1.10 Temperature & Rainfall

Table 5: Year wise Temperature

Year	Max	Min
2009	31	21
2010	32	19
2011	33	18
2012	33	18
2013	34	19

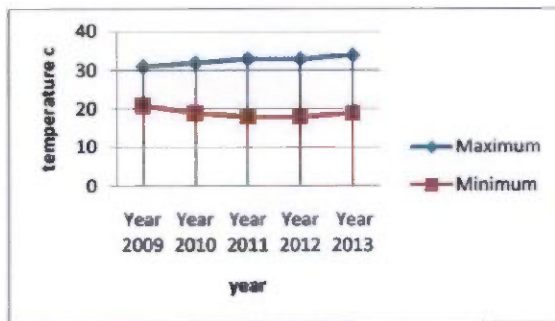


Figure2: Maximum & Minimum Temperature

### Rainfall

Year	Rainfall (mm)
2009	1644 mm
2010	1490 mm
2011	1660mm
2012	1548 mm
2013	1780 mm

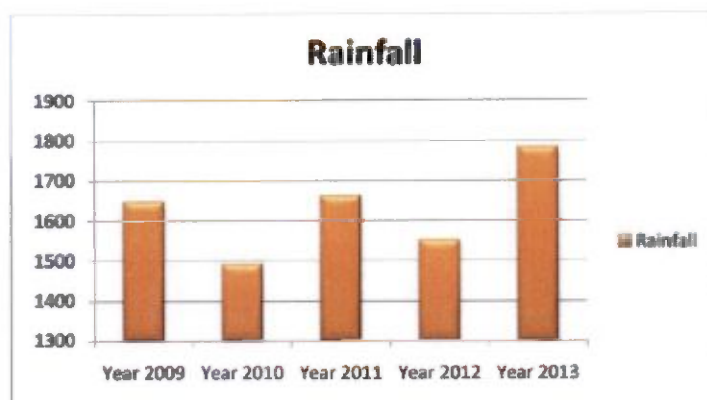


Figure 3: Year wise rainfall

### 1.11 Soil and Ground Water Scenario

#### Soil

As regards soil character, Haldia Municipality can be divided in three soil horizons :-

#### 1. Western and part central zone –

Very deep, poorly drained, fine cracking soil occurring on nearly level to very gently sloping coastal plain with clayey surface, moderate flooding and moderate salinity, associated with deep, poorly drained fine soil. Type of soil is fine, vertic Haplaquepts.

#### 2. Part central, western and south-eastern zone -

Very deep, poorly / imperfectly drained, fine soil occurring in level to nearly level marshes in coastal plain with clayey surface, moderate flooding and salinity associated with very deep, well drained sandy soil. Type of soil is fine Alric Haplaquepts to typic Ustiphaments.

#### 3. Small part of southern zone –

Very deep, moderately well-drained fine soil occurring on very gently sloping upland with low surface and moderate eron associated with very deep, poorly drained fine soil. Type of soil varies from fine typic Haplistalfs to aeric Haplaquepts.

#### Ground Water

Ground water potentiality of the area is moderate to good. The terrain is adorned with recent sediments constituting of sands, silts and clays of quaternary age. There is no persistent clay horizon in the near subsurface horizons. As such, groundwater

basins are having extensive lateral extents and thickness of aquifers that persist under unconfined or water table conditions beyond depths of 150 mts.

**1.12 City at a Glance**

Total Area of Municipality	109.65 Sq. Km.
Population (as per 2011 SECC)	200762
Male (as per 2011 SECC)	104852
Female (as per 2011 SECC)	95910
Density of population	1832
Literacy rate	88.54%
Number of Municipal Wards	26

**2. Demographic Profile of Haldia Municipality**

**2.1 Urban Services**

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

Water Supply	ULB
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

**2.2 Housing condition**

Housing is a major problem in the urban areas. The high density gives rise to high land price and in turn a major housing shortage. The affordability of a good house or shelter in an urban area is very costly. The three major types of housing as classified here are Pucca houses semi pucca houses and Kucha phouses. Slums and other economically weaker sections of the society generally live only in Kucha or semi Pucca houses. The graph below gives us the estimate of the total Pucca, semi pucca and the total Kutcha houses in this municipal area as a whole of non slum area &slum area

1. No. of dwelling units targeted provided under BSUP/ IHSDP-1440
2. No. of beneficiaries provided with Houses under “ Housing for Urban Poor-80

3. No. of beneficiaries provided with Houses under "Destitute Minority Women"-30
4. No. of dwelling units targeted to be provided under HFA/PMAY-15202

Slum	Type of Structure of the slums			
	Pucca	Semi Pucca	Kutcha	Total
Sutahata Brahamanpally(S.C.-001)	3	0	18	21
Mohammadpur(S.C.-002)	4	0	42	46
Amlat Das Pally(S.C.-003)	4	0	15	19
Sutahata Barman Pally(S.C.-004)	16	1	46	63
Basulia-I(S.C.-005)	0	17	54	71
Basulia-I I(S.C.-006)	0	3	45	48
Jagannathpur(S.C.-007)	0	8	27	35
Purba Srikrishnapur Muslimpally(S.C.-008)	0	11	39	50
Nandampur(S.C.-009)	0	16	57	73
Purba Srikrishnapur(S.C.-010)	0	18	28	46
Bhagyabantipur Paschim Khalpar Basti(S.C.-011)	0	56	102	158
Bhagyabantipur South Ramky Side Basti(S.C.-012)	0	0	72	72
Bhagyabantipur Paschim Muslimpally(S.C.-013)	3	109	108	220
Pana & B Manna Pally & D P Basti(S.C.-014)	7	23	42	72
Champi Dakshin Pally Basti(S.C.-015)	12	12	35	59
BIRINCHIBERIA BASTI(S.C.-016)	3	5	23	31
HARIPUR BASTI(S.C.-017)	0	6	14	20
PANA M PALLY BASTI NEAR R EAST SIDE(S.C.-018)	13	6	19	38
BASUDEVPUR MUSLIM BASTI(S.C.-019)	1	50	7	58
BASUDEVPUR SAMANTA PARA(S.C.-020)	3	1	70	74
RAMNAGAR MONDAL PARA(S.C.-021)	24	2	10	36
RAMNAGAR BRAHMAN PARA(S.C.-022)	21	2	27	50
RAMNAGAR PATRA PARA(S.C.-023)	15	0	18	33
RAMNAGAR DAS PARA(S.C.-024)	26	4	2	32
PURBA RAGHUNATHCHAK BERA PARA(S.C.-025)	6	44	6	56
PURBA RAGHUNATHCHAK BALA PARA(S.C.-026)	9	3	4	16
JAGANNATHCHAK SAMANTA PARA(S.C.-027)	7	6	10	23
RAMNAGAR PASCHIM NASKAR PARA(S.C.-028)	1	0	9	10
RAMNAGAR PASCHIM MANNA PARA(S.C.-029)	21	0	18	39
PURBA RAGHUNATHCHAK KARAN PARA(S.C.-030)	2	11	26	39
PURBA RAGHUNATHCHAK MISHRA PARA(S.C.-031)	0	14	18	32
PURBA RAGHUNATHCHAK MCPI COLONY(S.C.-032)	0	21	22	43
PURBA RAGHUNATHCHAK RAMNAGAR COLONY(S.C.-033)	0	9	5	14
PASCHIM RAMNAGAR KHALPAR(S.C.-034)	3	10	2	15
RAGHUNATHCHAK KHALPAR(S.C.-035)	1	2	16	19
JAGANNATHCHAKCHAK KHALPAR(S.C.-036)	2	3	17	22
PURBA RAMNAGAR MUSLIM PARA(S.C.-037)	36	0	58	94
JHIKURKHALI PURBA PALLY(S.C.-038)	36	40	86	162
JHIKURKHALI DASPARA(S.C.-039)	22	4	25	51
SALUKKHALI DAKSHINPALLY(S.C.-040)	0	0	33	33
SALUKKHALI UTTARPALLY(S.C.-041)	1	1	101	103
RUPNARAYANCHAK MONDALPARA(S.C.-042)	0	1	73	74
JHIKURKHALI PASCHIM PARA(S.C.-043)	52	33	98	183
JHIKURKHALI DHAKSHIN PALLY(S.C.-044)	2	28	36	66
KUMARCHAK SK PARA(S.C.-045)	9	11	21	41
KUMARCHAK MONDAL PARA(S.C.-046)	11	34	2	47

KUMARCHAK BRAHAMAN PARA(S.C.-047)	11	48	2	61
KUMARCHAK KHALUA PARA(S.C.-048)	2	40	1	43
KUMARCHAK PURBAPARA(S.C.-049)	1	67	13	81
BASUDEVPUR MONDAL PARA(S.C.-050)	18	5	2	25
BASUDEVPUR DAS PARA(S.C.-051)	0	47	0	47
BASUDEVPUR KHALPAR(S.C.-052)	0	1	88	89
UTTAR DURGACHAK DASPARA(S.C.-053)	23	1	17	41
KHALPAR BASTI(S.C.-054)	9	0	47	56
DURGACHAK G BLOCK BASTI(S.C.-055)	0	57	28	85
NEW COLONY KHALPAR DAKSHIN BASTI(S.C.-056)	0	16	44	60
NEW COLONY KHALPAR UTTAR BASTI (S.C.-057)	77	2	14	93
NEW COLONY MUSLIM PARA BASTI (S.C.-058)	33	3	23	59
KHANJANCHAK KHALPAR(S.C.-059)	1	2	21	24
DURGACHAK D BLOCK(S.C.-060)	72	6	19	97
KHANJANCHAK MAKI PARA(S.C.-061)	7	0	41	48
KISHOREPUR MATH BASTI(S.C.-062)	80	0	0	80
KISHOREPUR COLONY(S.C.-063)	7	24	19	50
TENTULBERIA DAKSHIN PALLY(S.C.-064)	32	7	10	49
KASHBERIA HARIJAN PALLY(S.C.-065)	6	3	42	51
SUKANTANAGAR COLONY JHUPRI(S.C.-066)	3	5	31	39
DEBHOJ CITY CENTER & GOKUL PROJEST JHUPRI(S.C.-067)	0	0	41	41
DEBHOJ GHOWASMI PALLY & UTTAR PALLY(S.C.-068)	0	0	38	38
GEONDAB MUSLIMPALLY UTTAR(S.C.-069)	2	0	80	82
GOENDAB COLONY & MUSLIM PARA(S.C.-070)	63	1	20	84
GEONDAB PASCHIM PARA(S.C.-071)	79	6	32	117
SOLAT KAR PARA(S.C.-072)	2	0	55	57
SOLAT PARUI PALLY(S.C.-073)	10	0	21	31
BHOWNIPUR MALLIK & SHA PARA(S.C.-074)	4	0	38	42
BHOWNIPUR KHALPAR(S.C.-075)	5	0	1	6
BHOWNIPUR MASZID PARA(S.C.-076)	3	0	16	19
DIGHASIPUR COLONY (AZHAR)(S.C.-077)	0	1	38	39
DIGRASIPUR UTTAR FAKIRPARA(S.C.-078)	0	15	13	28
DIGHASIPUR COLONY (HATATH)(S.C.-079)	0	21	18	39
DIGHASIPUR COLONY UTTAR PALLY(S.C.-080)	1	7	11	19
DIGHASIPUR COLONY TANTI PALLY(S.C.-081)	0	2	17	19
DIGHASIPUR COLONY JAMADAR PALLY(S.C.-082)	0	2	11	13
DIGHASIPUR COLONY PURBA PALLY(S.C.-083)	0	4	10	14
DIGHASIPUR COLONY DAS PALLY(S.C.-084)	6	21	13	40
DIGHASIPUR COLONY MAITY PALLY(S.C.-085)	6	8	11	25
DIGHASIPUR COLONY DAI SEA PALLY(S.C.-086)	0	17	23	40
MONICHAK MUSLIMPALLY(S.C.-087)	18	2	18	38
CHAKDWIPA MUSLIMPALLY(S.C.-088)	21	3	33	57
CHAKDWIPA PURBA KUMAR PARA(S.C.-089)	27	0	5	32
BARSAUTANCHAK BERA & JANA PARA(S.C.-090)	47	0	39	86
BARGHASIPUR BERA PALLY & GAYEN PALLY(S.C.-091)	30	3	20	53
MONICHAK DAKSHIN PARA(S.C.-092)	12	2	24	38
BANAMALICHAK JELA PARA(S.C.-093)	6	23	49	78
BANBISNHUPUR JELA PARA(S.C.-094)	3	13	52	68
BALUGHATA JELA PARA(S.C.-095)	0	0	21	21
RAYRAYANCHAK DAKSHIN(S.C.-096)	1	48	25	74
BHOWANIPUR MUSLIM PALLY(S.C.-097)	0	69	13	82
BHOWANIPUR DAKSHIN COLONY(S.C.-098)	0	24	0	24
BARGHASIPUR SETH PALLY(S.C.-099)	4	25	12	41
BARGHASIPUR GAYEN PARA(S.C.-100)	0	5	6	11
MANNA PALLY(S.C.-101)	3	5	2	10
GANDHINAGAR C BLOCK BASTI(S.C.-102)	53	17	0	70

### 2.3 Land Use of Planning Area

Haldia Municipality will work towards restricting further development in the core areas. The focus would be on developing the civic amenities in these wards and thereby



the objective of land use development is towards effective and proper use of land, which is beneficial to the individual and also to the society at large.

**Table 9: Land use Pattern**

	Area (In Sq. km.)	Total area of the Municipality (%)
Agriculture	35	32
Residential	17	16
Industrial	15.5	14
Commercial	2.2	2
Open, unused land/undeveloped land	22	20
Institutional	0.6	0.5
Roads	6	5
Railways	1.15	
Wetlands/Lakes/Tanks	6	5.5
In-sanitary water courses		
Public parks, squares and garden	1.2	1
Disaster prone area ( Flood. etc)	3	3
	<b>109.5</b>	

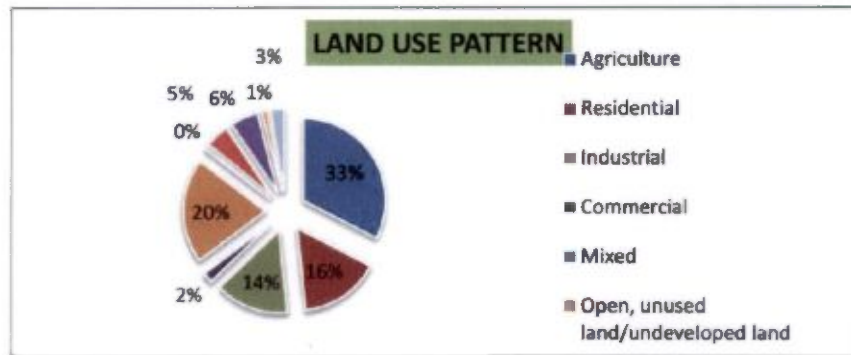
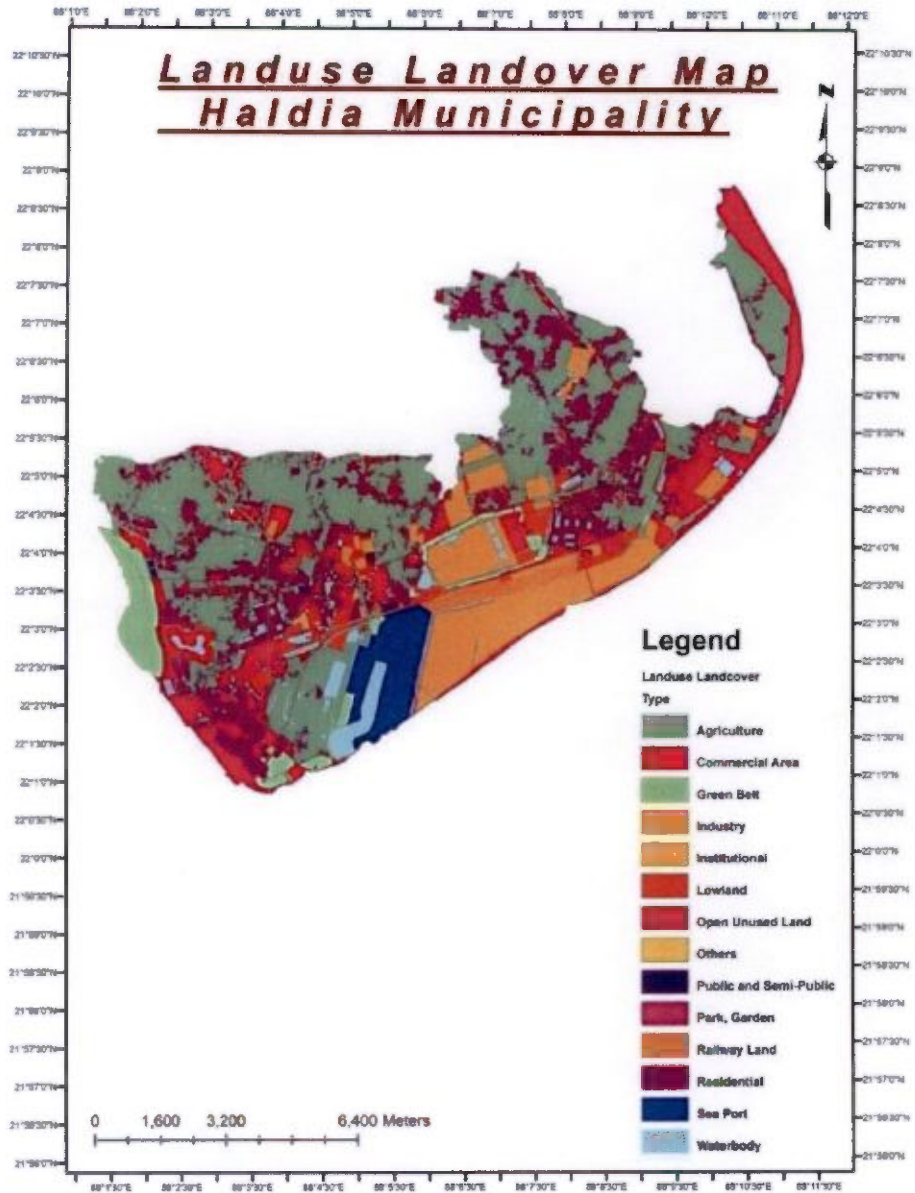


Diagramme 4: Existing land use pattern



Map referer to land use pattern in municipal area

## 2.4 Housing Typologies

As on September 2015, the population of Haldia was 222732 of which number of persons residing in slums are 39018, which is about 19.39% of the total population. As per the socio economic survey undertaken as part of preparation of HFAPoA and validated by ULB and community, a total of 13688 households stay in slums & non slum area. From present Demand Assessment survey for Housing for all (HFA), it is noticed that 8375 household covering on slum area having semi pucca & kuchha in nature, accordingly both semi pucca & kuchha house holds covering i.e 5313 at non slum area under this project.

## 2.5 Water Supply

Haldia Municipality is responsible for supplying safe water to Haldia city. Haldia being a rapidly growing industrial city, presently Haldia Development Authority provides the industrial and commercial water connections. The present water supply is inadequate to meet the demand of the growing city (considering the population of 20027 in 2011).

Water supply scheme of Haldia was augmented with the construction of 20 MGD treatment plant, as Geonkhali water supply project. Only 1 MGD of it is for the ULB area. Geonkhali is in the north of Haldia municipality and is situated in the bank of Hugli river. The intake is from Hoogli River. This scheme is designed to cater the water supply need of 37.46% of the ULB population at a rate of 70 lpcd. Haldia being a new city, locality-wise water supply scheme was started with deep tubewell.

No. of Deep Tube well	18
No. of Hand Tube well	713
No. of Street Stand post	275
Length of Water pipeline (in kilometer)	116
No. of Underground Reservoir	9
No. of Overhead Reservoir	4
No. of wards fully covered with water supply pipeline	5
No. of houses connected with Water Supply Network	6622
Who is maintaining water supply – Municipality / PHE Dept./ KMDA / KMWSA	PHE

## **2.6 SEWERAGE AND SANITATION**

### **Existing Sewerage System**

There is no integrated sewerage system started in Haldia municipality. There is no underground

drainage system. As a result, the wastewater generated in the city does not get any secondary treatment. Even the surface drainage system is not 100% in the city. The drains carry the sewage into the wide nallahs /canals which drains out the effluent into the river Haldi in the west and Hoogli river in the south and west of the city.

The pucca drains exist mainly in the core area of Haldia city and covers only 35% of the municipal area. This system needs upgradation due to the growth of population and the development of economic activities in the core area. However, the slum areas are not covered by safe sanitation facilities due to lack of well-established sewerage system.

The Wards, which do not have any pucca drain, are 2, 6 and 7. Most of the households use individual septic tank. Some areas are having their own latrine pit with their effluent discharging in to the open drain ultimately joining the natural drainage.

### **Sanitation**

Low cost toilet constructed and handed over to the communities - 12020 nos.

Public toilets constructed - 29 nos.

Municipality collects night soil through night soil tankers or cesspool emptier - 2 nos.

## **2.7 STORM WATER DRAINAGE**

### **Existing Scenario**

Drainage system of the area plays an important role in carrying out storm, rainwater. Topography of the land in planning area of Haldia is flat in character. The elevated lands are in west central part of the municipality with local variations. General slope of land towards South-West and part in eastern side towards the natural drainage of the region i.e. towards Hoogly and Haldi river.

### **Main River and Drains**

Hoogli is the primary river of the region. Haldi is important tributary of this river flowing along the west boundary of Haldia. The bed of the Hoogli river is silty with sufficient water throughout the year. The rainwater mainly flows through the nallahs towards Western and southern side of the city. The total amount of total fresh

water discharge of the haldi into Hoogli is around 5000 Million Cubic Yards. In the Haldi a proportion of sediments by volume 1 in 1000 was calculated. On that basis the total average qty of silt carried down by Haldi to the river Hoogli is around 5million cubic yards per season. Some rainwater is also drained through small nallahs towards North east direction. Some low lying localities face the problem of water-logging during rainy season. Since both the rivers are very near to the main habitation of the city, it faces the problem of water logging and floods except some parts of the city.

## **2.8 SOLID WASTE MANAGEMENT**

The main sources of waste in Haldia city are individual houses, slums, commercial establishments, vegetable markets, road sweepings, hospitals and industries. The "Municipal Solid Waste" includes commercial and residential wastes generated in municipal or notified areas in either solid or semi-solid form excluding industrial hazardous wastes but including treated bio-medical wastes. In this municipality the conservancy service area is at present around 20 Sq Km.

### **Composition of Municipal Solid Wastes**

An analysis of physical characteristic of general solid waste was done by National Environmental Engineering Research Institute (NEERI) in 1995 across various cities with

population range from 0.1 million to 5 million yielded the following results :-

### **Industrial waste or Hazardous waste**

Manufacturing and material processing trades generate wastes. Around the Haldia city and planning area, there are a number of major industries available along with small and medium scale industries. Industrial waste may contain hazardous wastes and it may be toxic to humans, animals, and plants, highly inflammable, or explosive.

## **2.9 Electricity**

Since the inception of municipality in 1997 a major movement was to electrify the localities within the municipal area. All light posts have been installed by WBSEB/WBSEDCL, but electrification is done by the Municipality. Home connection in 90% households is complete and balance connections will be done shortly. 2600 nos. of street light including 50 nos. of Trident Light Post were installed in 25 wards throughout the municipality.

## 2.10 Road Network

Haldia is now emerging as an important commercial – cum – industrial centre of the state. It is observed from the above table that there are about 100 k.m. of roads not covered by

pucca road. Haldia city is linked by all modes of transportation viz. road, rail and water.

<b>Road network available throughout the municipality</b>	
Length of Metalled Road (in km.)	130
Length of Non-Metalled Road (in km.)	Nil
Length of other Roads (in km.)	98.75
Total length of Road (in km.)	228.75
Total no. of wards fully covered with Metal / Cement Concrete Road	17

## 3. Assessment of Present Status of Slums

### 3.1 Slum Profile and its Location

In 26 Wards, 151 number of slums have been identified which has 151 slum pockets under HFAscheme covering most of the wards with a total population of 39018 persons (19.39%) out of 200827 and total slum household of 9444 out of 44065 households. The slums cover 5.65 sq km. 9402 of the population living in slums belongs to the BPL category. A considerable number of women folk are domestic maidservants. With an objective to formulate appropriate Slum Development Model for each of the slums, availability of latest and reliable baseline data on all the slums is instrumental. This baseline data encompassing indicators including socio-economic, geographical/spatial, physical etc. shall help develop an overall portrait of the slums in Haldia. This shall help in identifying development need for slums and formulating slum specific development strategies.

Table 16: Ward wise slum population and number of households are presented in the table below

Slum List with Household and Population						
Sl. No.	Ward No.	Slum	No. of Households	Total Population	Male	Female
1	1	Sutahata Brahamanpally(S.C.-001)	23	82	43	39
2	1	Mohammadpur(S.C.-002)	47	195	110	85
3	1	Amlat Das Pally(S.C.-003)	20	85	43	42
4	1	Sutahata Barman Pally(S.C.-004)	63	281	149	132
5	2	Basulia-I(S.C.-005)	76	350	163	187
6	2	Basulia-I I(S.C.-006)	52	231	120	111
7	2	Jagannathpur(S.C.-007)	40	141	72	69
8	2	Purba Srikrishnapur Muslimpally(S.C.-008)	50	194	109	85
9	2	Nandarampur(S.C.-009)	76	262	142	120
10	2	Purba Srikrishnapur(S.C.-010)	52	206	110	96
11	3	Bhagyabantipur Paschim Khalpar Basti(S.C.-011)	161	552	276	276
12	3	Bhagyabantipur South Ramky Side Basti(S.C.-012)	73	285	143	142
13	3	Bhagyabantipur Paschim Muslimpally(S.C.-013)	221	836	414	422
14	3	Pana & B Manna Pally & DP Basti(S.C.-014)	71	273	146	127
15	3	Champi Dakshin Pally Basti(S.C.-015)	64	268	137	131
16	3	Birinchiberia Basti(S.C.-016)	32	158	71	87
17	3	Haripur Basti(S.C.-017)	21	83	45	38
18	3	Pana M Pally Basti Near R East Side(S.C.-018)	40	173	87	86
19	4	Basudevpur Muslim Basti(S.C.-019)	58	248	128	120
20	4	Basudevpur Samanta Para(S.C.-020)	76	305	152	153

21	5	Ramnagar Mondal Para(S.C.-021)	36	173	78	95
22	5	Ramnagar Brahman Para(S.C.-022)	50	197	104	93
23	5	Ramnagar Patra Para(S.C.-023)	33	151	79	72
24	5	Ramnagar Das Para(S.C.-024)	32	125	68	57
25	5	Purba Raghunathchak Bera Para(S.C.-025)	56	274	128	146
26	5	Purba Raghunathchak Bala Para(S.C.-026)	16	70	35	35
27	5	Jagannathchak Samanta Para(S.C.-027)	25	104	53	51
28	5	Ramnagar Paschim Naskar Para(S.C.-028)	12	67	36	31
29	5	Ramnagar Paschim Manna Para(S.C.-029)	40	177	84	93
30	5	Purba Raghunathchak Karan Para(S.C.-030)	39	172	83	89
31	5	Purba Raghunathchak Mishra Para(S.C.-031)	32	135	71	64
32	5	Purba Raghunathchak Mepi Colony(S.C.-032)	43	171	90	81
33	5	Purba Raghunathchak Ramnagar Colony(S.C.-033)	14	58	30	28
34	5	Paschim Ramnagar Khalpar(S.C.-034)	16	68	34	34
35	5	Raghunathchak Khalpar(S.C.-035)	19	73	37	36
36	5	Jagannathchakchak Khalpar(S.C.-036)	20	104	49	55
37	5	Purba Ramnagar Muslim Para(S.C.-037)	94	402	207	195
38	6	Jhikurkhali Purba Pally(S.C.-038)	166	826	422	404
39	6	Jhikurkhali Daspara(S.C.-039)	50	201	107	94
40	6	Salukkhali Dakshinpally(S.C.-040)	33	180	96	84
41	6	Salukkhali Uttarpally(S.C.-041)	108	473	260	213
42	6	Rupnarayanchak Mondalpara(S.C.-042)	77	313	170	143
43	6	Jhikurkhali Paschim Para(S.C.-043)	192	896	478	418
44	6	Jhikurkhali Dhakshin Pally(S.C.-044)	67	301	138	163
45	7	Kumarchak Sk Para(S.C.-045)	44	177	85	92
46	7	Kumarchak Mondal Para(S.C.-046)	48	192	95	97
47	7	Kumarchak Brahaman Para(S.C.-047)	62	257	132	125
48	7	Kumarchak Khalua Para(S.C.-048)	42	168	90	78
49	7	Kumarchak Purbapara(S.C.-049)	87	413	218	195
50	7	Basudevpur Mondal Para(S.C.-050)	41	155	83	72
51	7	Basudevpur Das Para(S.C.-051)	47	164	85	79
52	7	Basudevpur Khalpar(S.C.-052)	91	348	174	174
53	8	Uttar Durgachak Daspara(S.C.-053)	41	170	87	83
54	8	Khalpar Basti(S.C.-054)	56	255	119	136
55	9	Durgachak G Block Basti(S.C.-055)	85	395	215	180
56	9	New Colony Khalpar Dakshin Basti(S.C.-056)	60	234	126	108
57	9	New Colony Khalpar Uttar Basti (S.C.-057)	93	363	212	151
58	9	New Colony Muslim Para Basti (S.C.-058)	59	273	154	119
59	10	Khanjanchak Khalpar(S.C.-059)	24	89	47	42
60	10	Durgachak D Block(S.C.-060)	97	368	190	178
61	10	Khanjanchak Maki Para(S.C.-061)	50	202	98	104
62	11	Kishorepur Math Basti(S.C.-062)	81	319	158	161
63	11	Kishorepur Colony(S.C.-063)	51	200	107	93
64	12	Tentulberia Dakshin Pally(S.C.-064)	49	191	100	91
65	12	Kashberia Harijan Pally(S.C.-065)	53	216	108	108
66	13	Sukantanagar Colony Jhupri(S.C.-066)	30	127	61	66
67	13	Debhog City Center & Gokul Project Jhupri(S.C.-067)	42	158	77	81
68	13	Debhog Ghowasmi Pally & Uttar Pally(S.C.-068)	39	145	72	73
69	14	Geondab Muslmpally Uttar(S.C.-069)	95	375	196	179
70	14	Goendab Colony & Muslim Para(S.C.-070)	101	499	234	265
71	14	Geondab Paschim Para(S.C.-071)	137	623	324	299
72	14	Solat Kar Para(S.C.-072)	63	251	134	117
73	14	Solat Parui Pally(S.C.-073)	37	148	74	74
74	14	Bhownipur Mallik & Sha Para(S.C.-074)	82	375	196	179
75	14	Bhownipur Khalpar(S.C.-075)	44	183	91	92



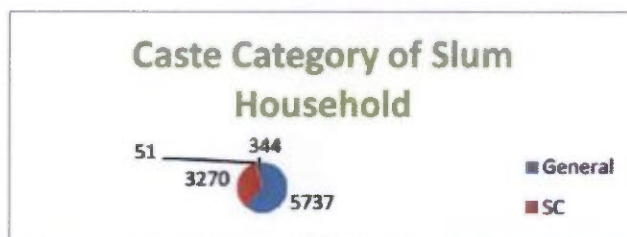
76	14	Bhowanipur Masjid Para(S.C.-076)	36	156	83	73
77	15	Dighasipur Colony (Azhar)(S.C.-077)	39	181	88	93
78	15	Digrasipur Uttar Fakirpara(S.C.-078)	28	154	77	77
79	15	Dighasipur Colony (Hatath)(S.C.-079)	39	148	71	77
80	15	Dighasipur Colony Uttar Pally(S.C.-080)	21	91	47	44
81	15	Dighasipur Colony Tanti Pally(S.C.-081)	20	80	40	40
82	15	Dighasipur Colony Jamadar Pally(S.C.-082)	21	97	48	49
83	15	Dighasipur Colony Purba Pally(S.C.-083)	22	96	53	43
84	15	Dighasipur Colony Das Pally(S.C.-084)	39	183	93	90
85	15	Dighasipur Colony Maity Pally(S.C.-085)	25	105	62	43
86	15	Dighasipur Colony Dai Sea Pally(S.C.-086)	40	170	76	94
87	16	Monichak Muslimpally(S.C.-087)	38	141	68	73
88	16	Chakdwipa Muslimpally(S.C.-088)	57	228	106	122
89	16	Chakdwipa Purba Kumar Para(S.C.-089)	32	141	70	71
90	16	Barsautanchak Bera & Jana Para(S.C.-090)	87	340	186	154
91	16	Barghasipur Bera Pally & Gayen Pally(S.C.-091)	54	205	112	93
92	16	Monichak Dakshin Para(S.C.-092)	38	164	88	76
93	17	Banamalichak Jela Para(S.C.-093)	80	320	163	157
94	17	Banbishnupur Jela Para(S.C.-094)	67	242	125	117
95	17	Balughata Jela Para(S.C.-095)	21	80	46	34
96	18	Rayrayanchak Dakshin(S.C.-096)	128	532	272	260
97	19	Bhowanipur Muslim Pally(S.C.-097)	117	501	247	254
98	19	Bhowanipur Dakshin Colony(S.C.-098)	24	86	43	43
99	19	Barghasipur Seth Pally(S.C.-099)	43	133	68	65
100	19	Barghasipur Gayen Para(S.C.-100)	11	40	21	19
101	20	Manna Pally(S.C.-101)	21	79	40	39
102	21	Gandhinagar C Block Basti(S.C.-102)	70	320	161	159
103	21	Gandhinagar F Block Muslim Para(S.C.-103)	43	180	102	78
104	22	Barsautanchak Berapally(S.C.-104)	80	369	191	178
105	23	Chaktarawan Dakshin Pally(S.C.-105)	168	671	338	333
106	24	Kshudiramnagar Baishaki Block(S.C.-106)	31	150	70	80
107	24	Kshudiramnagar Pousali Block(S.C.-107)	36	147	74	73
108	24	Kshudiramnagar Haimanti Block(S.C.-108)	0	0	0	0
109	24	Pitambarchak & Radhaballavchak Col(S.C.-109)	98	435	220	215
110	25	Rajarchak Basti(S.C.-110)	188	849	428	421
111	25	Brajanathchak Uttar-1(S.C.-111)	33	133	64	69
112	25	Brajanathchak Uttar-2(S.C.-112)	71	329	154	175
113	25	Brajanathchak Uttar Paschim-1(S.C.-113)	45	160	81	79
114	25	Brajanathchak Uttar Paschim-2(S.C.-114)	23	96	52	44
115	7	Hindustan Lever Side Basti(S.C.-115)	61	239	119	120
116	7	Godown Side Basti(S.C.-116)	80	322	163	159
117	8	Cpt Market Bazar Basti(S.C.-117)	113	479	239	240
118	9	Patikhali Riverside Basti(S.C.-118)	70	255	128	127
119	9	Parikhali Rail Side Basti(S.C.-119)	108	468	228	240
120	10	Khanjanchak Khalpar(S.C.-120)	25	108	53	55
121	10	Basudevpar(S.C.-121)	23	101	53	48
122	11	Paramanandachak Jhupri loc Gate(S.C.-122)	149	640	310	330
123	11	Silpa Prabesh Jhupri(S.C.-123)	120	367	185	182
124	11	Nabapally Jhupri(S.C.-124)	76	277	142	135
125	11	Rashpukur Jhupri(S.C.-125)	420	1566	799	767
126	12	Kashberia Bhunia Para(S.C.-126)	37	152	76	76
127	12	Hpl Link Road Slum(S.C.-127)	20	64	31	33
128	17	Balughata Itbhata Jhupri(S.C.-128)	20	79	38	41
129	17	Banbishnupur Itbhata Jhupri(S.C.-129)	18	60	31	29
130	18	Rayrayanchak Dakshin Ferryghat Jhupri(S.C.-130)	63	233	128	105
131	18	Rayrayanchak Hrel Gate-2 Basti(S.C.-131)	75	301	141	160
132	19	Bhowanipur Culvert Colony(S.C.-132)	10	30	15	15

133	19	Barghasipur Stadium Coloay(S.C.-133)	38	129	68	61
134	20	Hatiberia Rail Jhupri(S.C.-134)	34	143	70	73
135	21	Hatiberia College Jhupri(S.C.-135)	89	476	253	223
136	21	Ranichak Basti(S.C.-136)	104	501	257	244
137	21	Gandhinagar Sanghati Maidan Basti(S.C.-137)	77	330	170	160
138	22	Bishnuramchak Purba Pally(S.C.-138)	58	206	93	113
139	22	Bishnuramchak Miitha Pukur Basti(S.C.-139)	175	703	360	343
140	22	Haldia Bhawan Basti(S.C.-140)	42	160	89	71
141	22	Sautanchak Basti(S.C.-141)	227	978	499	479
142	23	Hatiberia Bisayee Para & Kuity Para(S.C.-142)	22	91	45	46
143	23	Chaktarawan Madhyam Pally(S.C.-143)	77	355	185	170
144	23	Padmapukur Basti Para(S.C.-144)	135	538	280	258
145	23	Duttarchak Khalpar Basti(S.C.-145)	33	147	77	70
146	23	Hatiberia Station Bastipara(S.C.-146)	23	88	43	45
147	23	Matangini Basti(S.C.-147)	60	237	121	116
148	23	Sector 17 Basti Para(S.C.-148)	33	110	45	65
149	26	Hindustan Market Basti Para(S.C.-149)	60	204	98	106
150	26	Central Busstand Basti Para(S.C.-150)	40	132	69	63
151	26	Anchorage Basti Para(S.C.-151)	30	87	34	53
Total			9402	38440	19902	19938

**Caste Category of Slum House Hold**

Caste	No. of Household
General	5737
SC	3270
ST	51
OBC	344
<b>Total</b>	<b>9402</b>

Table No- 17: Caste Category of Slum House Hold



## 3.2 List of slums under Haldia Municipality (2015-22):

Sl. No	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum (in sq. m.)
1	001	Sutahata Brahamanpally	Sutahata	1	71900
2	002	Mohammadpur	Mohammadpur	1	9900
3	003	Amlat Das Pally	Amlat	1	6500
4	004	Sutahata Barman Pally	Sutahata	1	7400
5	005	Basulia -I	Basulia	2	38200
6	006	Basulia -II	Basulia	2	11700
7	007	Jagannathpur	Jagannathpur	2	48000
8	008	Purba Srikrishnapur Muslimpally	Purba Srikrishnapur	2	41000
9	009	Nandampur	Nandampur	2	5000
10	010	Purba Srikrishnapur	Purba Srikrishnapur	2	2500
11	011	Bhagyabantipur Paschim Khalpar Basti	Bhagyabantipur	3	75000
12	012	Bhagyabantipur South Ramky side Basti	Bhagyabantipur South	3	62000
13	013	Bhagyabantipur Paschim Muslimpally (Near Kabarstan)	Bhagyabantipur Paschim	3	23000
14	014	Pana & Bhagyabantipur Manna Pally & Das pally Basti	Pana & Bhagyabantipur	3	55000
15	015	Champi Dakshin Pally Basti	Champi Dakshin	3	60000
16	016	Birinchiberia Basti	Birinchiberia	3	32000
17	017	Haripur Basti	Haripur	3	27000
18	018	Pana Musilimpally Basti near Ramkey East Side	Pana near Ramkey East Side	3	30000
19	019	Basudevpur Muslim Basti	Basudevpur	4	12500
20	020	Basudevpur Samanta Para	Basudevpur	4	22900
21	021	Ramnagar Mondal Para	Ramnagar	5	17000
22	022	Ramnagar Brahman para	Ramnagar	5	29700
23	023	Ramnagar Patra para	Ramnagar	5	114200
24	024	Ramnagar Das Para	Ramnagar	5	400000
25	025	Purba Raghunathchak Bera Para	Purba Raghunathchak	5	7200
26	026	Purba Raghunathchak Bala Para	Purba Raghunathchak	5	10200
27	027	Jagannathchak Samanta Para	Jagannathchak	5	2100
28	028	Ramnagar Paschim Naskar Para	Ramnagar Paschim	5	16400
29	029	Ramnagar Paschim Manna Para	Ramnagar Paschim	5	5500
30	030	Purba Raghunathchak Karan	Purba	5	5500

Sl. No	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum ( in sq. m.)
		Para	Raghunathchak		
31	031	Purba Raghunathchak Mishra Para	Purba Raghunathchak	5	9700
32	032	Purba Raghunathchak MCPI Colony	Purba Raghunathchak	5	12500
33	033	Purba Raghunathchak Ramnagar Colony	Purba Raghunathchak Ramnagar	5	6000
34	034	Paschim Ramnagar Khalpar	Paschim Ramnagar	5	7500
35	035	Raghunathchak Khalpar	Raghunathchak	5	6500
36	036	Jagannathchakchak Khalpar Purba Ramnagar Muslim	Jagannathchakchak	5	6000
37	037	Para	Purba Ramnagar Jhikurkhali Purba	5	25000
38	038	Jhikurkhali Purba Pally	Pally	6	350000
39	039	Jhikurkhali Das Para	Jhikurkhali	6	42300
40	040	Salukkhali Dakshinpally	Salukkhali Dakshinpally	6	12600
41	041	Salukkhali Uttarpally Rupnarayanchak	Salukkhali Uttarpally	6	22800
42	042	Mondalpara	Rupnarayanchak	6	22800
43	043	Jhikurkhali Paschim Para	Jhikurkhali Paschim	6	22000
44	044	Jhikurkhali Dhakshin Pally	Jhikurkhali Dhakshin	6	12000
45	045	Kumarchak Sk Para	Kumarchak	7	12300
46	046	Kumarchak Mondal Para	Kumarchak	7	12000
47	047	Kumarchak Brahaman Para	Kumarchak	7	11000
48	048	Kumarchak Khalua Para	Kumarchak	7	37300
49	049	Kumarchak Purbapara	Kumarchak Purbapara	7	20000
50	050	Basudevpur Mondal Para	Basudevpur	7	15000
51	051	Basudevpur Das Para	Basudevpur	7	15000
52	052	Basudevpur Khalpar	Basudevpur	7	25000
53	053	Uttar Durgachak Daspara	Uttar Durgachak	8	10800
54	054	Khalpar Basti	Durgachak Khalpar	8	8000
55	055	Durgachak G Block Basti New Colony Khalpar	Durgachak G Block New Colony	9	12500
56	056	Dakshin Basti New Colony Khalpar Uttar	Khalpar New Colony	9	15000
57	057	Basti New Colony Muslim Para	Khalpar Uttar New Colony	9	5000
58	058	Basti	New Colony	9	5000
59	059	Khanjanchak Khalpar	Khanjanchak	10	10100
60	060	Durgachak D Block	Durgachak D Block	10	11200
61	061	Khanjanchak Maji Para	Khanjanchak	10	10000

Sl. No	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum ( in sq. m.)
62	062	Kishorepur Math Basti	Kishorepur	11	6300
63	063	Kishorepur Colony	Kishorepur Colony	11	12100
64	064	Tentulberia Dakshin Colony	Tentulberia Dakshin	12	8300
65	065	Kashberia Harijan Pally	Kashberia Sukantanagar	12	11200
66	066	Sukantanagar Colony Jhupri	Colony	13	56000
67	067	Debhog City Center & Gokul Project Jhupri	Debhog City Center	13	100000
68	068	Debhog Ghowasmi Pally & Uttar Pally	Debhog	13	100000
69	069	Geondab Muslimpally Uttar	Geondab	14	86000
70	070	Geondab Colony & Muslim Para	Geondab Colony	14	75000
71	071	Geondab Paschim Para	Geondab	14	80000
72	072	Solat Kar Para	Solat	14	85000
73	073	Solat Parui Pally	Solat	14	95000
74	074	Bhownipur Mallik & Sha para	Bhownipur	14	70000
75	075	Bhownipur Khalpar	Bhownipur	14	68000
76	076	Bhownipur Maszid Para	Bhownipur	14	75000
77	077	Dighasipur Colony (Azhar)	Dighasipur Colony	15	91000
78	078	Digrasipur Uttar Fakirpara	Digrasipur Uttar	15	6100
79	079	Dighasipur Colony (Hatath)	Dighasipur Colony	15	11000
80	080	Dighasipur Colony Uttar Pally	Dighasipur Colony	15	35000
81	081	Dighasipur Colony Tanti Pally	Dighasipur Colony	15	10000
82	082	Dighasipur Colony Jamadar Pally	Dighasipur Colony	15	30000
83	083	Dighasipur Colony Purba Pally	Dighasipur Colony	15	40000
84	084	Dighasipur Colony Das Pally	Dighasipur Colony	15	35000
85	085	Dighasipur Colony Maity Pally	Dighasipur Colony	15	35000
86	086	Dighasipur Colony Dai Sea Pally	Dighasipur Colony	15	40000
87	087	Monichak Muslimpally	Monichak	16	9600
88	088	Chakdwipa Muslimpally	Chakdwipa	16	21500
89	089	Chakdwipa Purba Kumar Para	Chakdwipa	16	20400
90	090	Barsautanchak Bera & Jana Para	Barsautanchak	16	23200
91	091	Barghasipur Bera Pally & Gayen Pally	Barghasipur	16	22500
92	092	Monichak Dakshin Para	Monichak	16	21000
93	093	Banamalichak Jela Para	Banamalichak	17	89300

Sl. No	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum ( in sq. m.)
94	094	Banbisnhupur Jela Para	Banbisnhupur	17	26300
95	095	Balughata Jela Para	Balughata	17	100000
96	096	Rayrayanchak Dakshin	Rayrayanchak Dakshin	18	17200
97	097	Bhowanipur Muslim pally	Bhowanipur	19	14200
98	098	Bhowanipur Dakshin Colony	Bhowanipur Dakshin	19	2000
99	099	Barghasipur Seth Pally	Barghasipur	19	85000
100	100	Barghasipur Gayen Para	Barghasipur	19	17400
101	101	Manna Pally	Manna Pally	20	1020
102	102	Gandhinagar C Block Basti	Gandhinagar C Block	21	7100
103	103	Gandhinagar F Block Muslim Para	Gandhinagar F Block	21	6400
104	104	Barsautanchak Berapally	Barsautanchak	22	31800
105	105	Chaktarawan Dakshinpally	Chaktarawan	23	7100
106	106	Kshudiramnagar Baishaki Block	Kshudiramnagar	24	95000
107	107	Kshudiramnagar Pousali Block	Kshudiramnagar Pousali Block	24	80000
108	108	Kshudiramnagar Haimanti Block	Kshudiramnagar Haimanti Block	24	50000
109	109	Pitambarchak & Radhaballavchak Colony	Pitambarchak & Radhaballavchak Colony	24	150000
110	110	Rajarchak Basti	Rajarchak	25	16200
111	111	Brajanathchak Uttar- 1	Brajanathchak Uttar	25	2000
112	112	Brajanathchak Uttar- 2	Brajanathchak Uttar	25	14100
113	113	Brajanathchak Uttar Paschim- 1	Brajanathchak Uttar Paschim	25	53500
114	114	Brajanathchak Uttar Paschim- 2	Brajanathchak	25	3000
115	115	Hindustan Lever Side Basit	Hindustan Lever	7	12000
116	116	Godown side Basti	Godown side Basti	7	10000
117	117	CPT Market Bazar Basti	CPT Market	8	8000
118	118	Patikhali Riverside Basti (Behind Shaw Wallace)	Patikhali	9	10000
119	119	Patikhali Rail side Basti	Patikhali	9	5000
120	120	Khanjanchak Khalpar	Khanjanchak	10	10000
121	121	Basudevpur	Basudevpur	10	10000
122	122	Paramanandachak Jhupri IOC Gate	Paramanandachak	11	750
123	123	Silpa Prabesh Jhupri	Silpa Prabesh	11	930
124	124	Nabapally Jhupri	Nabapally	11	740
125	125	Rashpukur Jhupri	Rashpukur	11	620
126	126	Kashberia Bhunia Para	Kashberia	12	1260

Sl. No	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum ( in sq. m.)
127	127	HPL Link Road slum	HPL Link Road	12	1500
128	128	Balughata Itbhata Jhupri	Balughata	17	100000
129	129	Banbishnupur Itbhata Jhupri	Banbishnupur	17	93000
130	130	Rayrayanchak Dakshin Ferryghat Jhupri	Rayrayanchak Dakshin	18	700
131	131	Rayrayanchak HREL Gate-2 Basti	Rayrayanchak	18	950
132	132	Bhowanipur Culvert colony	Bhowanipur	19	70000
133	133	Barghasipur Stadium Colony	Barghasipur	19	50000
134	134	Hatiberia Rail Jhupri	Hatiberia	20	12000
135	135	Hatiberia College Jhupri	Hatiberia	21	1150
136	136	Ranichak Basti	Ranichak	21	900
137	137	Gandhinagar Sanghati Maidan Basti	Gandhinagar Sanghati	21	1540
138	138	Bishnuramchak Purba Pally	Bishnuramchak	22	31000
139	139	Bishnuramchak Mitha Pukur Basti	Bishnuramchak	22	15000
140	140	Haldia Bhawan Basti	Haldia Bhawan	22	28000
141	141	Sautanchak Basti	Sautanchak	22	35000
142	142	Hatiberia Bisayee Para & Kuity Para	Hatiberia	23	1250
143	143	Chaktarawan Madhyam Pally	Chaktarawan Madhyam Pally	23	2980
144	144	Padmapukur Basti Para	Padmapukur	23	4600
145	145	Duttarchak Khalpar Basti	Duttarchak	23	1200
146	146	Hatiberia Station Bastipara	Hatiberia Station	23	1650
147	147	Matangini Basti	Matangini Basti	23	1460
148	148	Sector 17 Basti Para	Sector 17 Basti Para	23	680
149	149	Hindustan Market Basti Para	Hindustan Market	26	5600
150	150	Central Busstand Basti Para	Central Bus stand	26	3260
151	151	Anchorage Basti Para	Anchorage Camp	26	1200

### 3.3 List of Non-Slums under Haldia Municipality (2015-22):

Sl.No	Name of the Non Slum	Location/Address	Ward No	Area of Non Slum ( in sq. m.)
1.	Sutahata	Sutahata	1	10000
2.	Sijberia	Sutahata	1	9200
3.	Amlat	Sutahata	1	8700
4.	Dhanberia	Sutahata	2	8200

Sl.No	Name of the Non Slum	Location/Address	Ward No	Area of Non Slum ( in sq. m.)
5.	Bhagyabantapur	Pana	3	1700
6.	Rajarampur	Pana	4	1200
7.	Basudevpur	Durgachak	4	9100
8.	Ragunathchak	Bhuniaraychak	5	1700
9.	Ramnagar	Bhuniaraychak	5	1200
10.	Jhikurkhali	Jhikurkhali	6	8700
11.	Kumarchak	Durgachak	7	11000
12.	Priyamabada	Durgachak	7	8300
13.	Durgachak	Durgachak	7	5200
14.	Khanjanchak	Durgachak	7	3400
15.	Paranchak	Sovarampur	10	11000
16.	Baishnabchak	Chiranjibpur	11	3400
17.	Kashberia	Tentulberia	12	3000
18.	Nibedita Colony	Bhabanipur	14	3700
19.	Sovarampur	Tentulberia	12	1700
20.	Tentulberia	Tentulberia	12	2700
21.	Bhabanipur	Bhabanipur	14	4100
22.	Debhog	Debhog	13	9700
23.	Gosaichak	Debhog	13	3200
24.	Solat	Geondab	14	9200
25.	Geondab	Geondab	14	9700
26.	Dighasipur	Dighasipur	15	10000
27.	Banbishnupur	Balughta	17	9200
28.	Brajabinudchak	Balughta	17	8700
29.	Balughta	Balughta	17	8200
30.	Rayrayanchak	Rayrayanchak	18	9300
31.	Barghasipur	Barghasipur	19	11500
32.	Hatiberia	Hatiberia	20	8300
33.	Kshudiramnagar	Hatiberia	24	9400
34.	Gandhinagar	Hatiberia	21	7800
35.	Brajanathchak	Brajanathchak	25	11000



Sl.No	Name of the Non Slum	Location/Address	Ward No	Area of Non Slum ( in sq. m.)
36.	Chakdwipa	Chakdwipa	16	2600
37.	Pitambarchak	Hatiberia	24	9000
38.	Biswanath Duttarchak	Township	23	3800
39.	Chaktarwan	Township	23	4900
40.	S.K. Nagar	Hatiberia	24	10800
41.	Radhaballavchak	Hatiberia	24	9300
42.	Ramgopalchak	Radhaballavchak	18	8700

**3.4 Status of Present Physical Infrastructure of Slums**

SL No	Name of the Slums	Land Value (Z1 is high and Z4 is low)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Connectivity to City-wide Storm-water Drainage System	Whether the Slum is prone to flooding due to rains	Arrangement of Garbage Disposal	Anganwadi under ICDS
001	Sutahata Brahamanpally	Z3	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
002	Mohammadpur	Z3	CORE CITY/TOWN	Residential	Fully Connected	15-30 days	No Arrangements	Within the slum
003	Amlat Das Pally	Z3	CORE CITY/TOWN	Residential	Not Connected	Upto 15 days	No Arrangements	Within the slum
004	Sutahata Barman Pally	Z3	CORE CITY/TOWN	Residential	Not Connected	15-30 days	No Arrangements	Within the slum
005	Basulia -I	Z4	FRINGE AREA	Residential	Not Connected	15-30 days	No Arrangements	With distance less than 0.5 kms
006	Basulia -II	Z4	FRINGE AREA	Residential	Not Connected	Not prone	No Arrangements	0.5 to 1.0 kms
007	Jagannathpur	Z4	FRINGE AREA	Residential	Not Connected	Upto 15 days	No Arrangements	Within the slum
008	Purba Srikrishnapur Muslimpally	Z4	FRINGE AREA	Residential	Partially Connected	15-30 days	Municipal Contractor	Within the slum
009	Nandarampur	Z4	FRINGE AREA	Residential	Partially Connected	Upto 15 days	No Arrangements	With distance less than 0.5 kms

Sl.No	Name of the Slums	Land Value (Z1 is high and Z4 is low)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Connectivity to City-wide Storm-water Drainage System	Whether the Slum is prone to flooding due to rains	Arrangement of Garbage Disposal	Anganwadi under ICDS
010	Purba Srikrishnapur	Z4	FRINGE AREA	Residential	Not Connected	Not prone	No Arrangements	2.0 to 5.0 kms
011	Bhagyabantipur Paschim	Z3	FRINGE AREA	Residential	Not Connected	Data Not Entered	Municipal staff	2.0 to 5.0 kms
012	Khalpar Basti Bhagyabantipur South	Z3	FRINGE AREA	Residential	Not Connected	15-30 days	Municipal staff	Not Available
013	Ramky side Basti Bhagyabantipur Paschim	Z3	FRINGE AREA	Residential	Partially Connected	Upto 15 days	Municipal staff	0.5 to 1.0 kms
014	Muslimpally (Near Kabarstan) Pana & Bhagyabantipur Manna Pally & Das pally Basti	Z3	FRINGE AREA	Residential	Partially Connected	Upto 15 days	No Arrangements	0.5 to 1.0 kms
015	Champi Dakshin Pally Basti	Z3	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal staff	With distance less than 0.5 kms
016	Birinchiberia Basti	Z3	FRINGE AREA	Residential	Not Connected	Upto 15 days	No Arrangements	With distance less than 0.5 kms
017	Haripur Basti	Z3	FRINGE AREA	Residential	Partially Connected	Upto 15 days	No Arrangements	With distance less than 0.5 kms
018	Pana Musilimpally Basti near Ramkey East Side	Z3	FRINGE AREA	Residential	Not Connected	Upto 15 days	No Arrangements	Not Available
019	Basudevpur Muslim Basti	Z2	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal staff	With distance less than 0.5 kms
020	Basudevpur Samanta Para	Z2	FRINGE AREA	Residential	Partially Connected	Not prone	Municipal staff	With distance less than 0.5 kms
021	Ramnagar Mondal Para	Z1	FRINGE AREA	Residential	Not Connected	Upto 15 days	No Arrangement	With distance

Sl.No	Name of the Slums	Land Value (Z1 is high and Z4 is low)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Connectivity to City-wide Storm-water Drainage System	Whether the Slum is prone to flooding due to rains	Arrangement of Garbage Disposal	Anganwadi under ICDS
022	Ramnagar Brahman para	Z1	FRINGE AREA	Residential	Not Connected	Not prone	ents No Arrangements	less than 0.5 kms With distance less than 0.5 kms
023	Ramnagar Patra para	Z1	FRINGE AREA	Residential	Not Connected	15-30 days	No Arrangements	Within the slum
024	Ramnagar Das Para	Z1	FRINGE AREA	Residential	Not Connected	15-30 days	No Arrangements	0.5 to 1.0 kms
025	Purba Raghunathchak Bera Para	Z1	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal staff	With distance less than 0.5 kms
026	Purba Raghunathchak Bala Para	Z1	FRINGE AREA	Residential	Fully Connected	Not prone	No Arrangements	0.5 to 1.0 kms
027	Jagannathchak Samanta Para	Z1	FRINGE AREA	Residential	Partially Connected	Upto 15 days	No Arrangements	With distance less than 0.5 kms
028	Ramnagar Paschim Naskar Para	Z1	FRINGE AREA	Residential	Fully Connected	15-30 days	No Arrangements	More than 5.0 kms
029	Ramnagar Paschim Manna Para	Z1	FRINGE AREA	Residential	Partially Connected	Not prone	No Arrangements	With distance less than 0.5 kms
030	Purba Raghunathchak Karan Para	Z1	FRINGE AREA	Residential	Not Connected	15-30 days	No Arrangements	With distance less than 0.5 kms
031	Purba Raghunathchak Mishra Para	Z1	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal staff	Within the slum
032	Purba Raghunathchak MCPI Colony	Z1	FRINGE AREA	Industrial	Fully Connected	Not prone	Municipal Contractor	With distance less than 0.5 kms
033	Purba Raghunathchak Ramnagar Colony	Z1	FRINGE AREA	Industrial	Fully Connected	Not prone	Municipal Contractor	Within the slum

Sl.No	Name of the Slums	Land Value (Z1 is high and Z4 is low)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Connectivity to City-wide Storm-water Drainage System	Whether the Slum is prone to flooding due to rains	Arrangement of Garbage Disposal	Anganwadi under ICDS
034	Paschim Ramnagar Khalpar	Z1	FRINGE AREA	Other	Not Connected	Not prone	No Arrangements	With distance less than 0.5 kms
035	Raghunathchak Khalpar	Z1	FRINGE AREA	Other	Not Connected	Not prone	No Arrangements	0.5 to 1.0 kms
036	Jagannathchak Khalpar	Z1	FRINGE AREA	Other	Fully Connected	Not prone	No Arrangements	0.5 to 1.0 kms
037	Purba Ramnagar Muslim Para	Z1	FRINGE AREA	Industrial	Not Connected	Not prone	No Arrangements	With distance less than 0.5 kms
038	Jhikurkhali Purba Pally	Z4	CORE CITY/TOWN	Residential	Not Connected	Not prone	No Arrangements	Within the slum
039	Jhikurkhali Das Para	Z4	FRINGE AREA	Residential	Not Connected	Data Not Entered	No Arrangements	Within the slum
040	Salukkhali Dakshinpally	Z4	FRINGE AREA	Residential	Not Connected	Not prone	No Arrangements	Within the slum
041	Salukkhali Uttarpally	Z4	FRINGE AREA	Residential	Not Connected	Not prone	No Arrangements	Within the slum
042	Rupnarayan Chak Mondalpara	Z4	FRINGE AREA	Residential	Not Connected	Not prone	No Arrangements	Within the slum
043	Jhikurkhali Paschim Para	Z4	FRINGE AREA	Residential	Not Connected	Not prone	No Arrangements	With distance less than 0.5 kms
044	Jhikurkhali Dhakshin Pally	Z4	FRINGE AREA	Residential	Not Connected	Not prone	No Arrangements	With distance less than 0.5 kms
045	Kumarchak Sk Para	Z2	FRINGE AREA	Residential	Partially Connected	Upto 15 days	No Arrangements	With distance less than 0.5 kms
046	Kumarchak Mondal Para	Z2	FRINGE AREA	Residential	Partially Connected	Not prone	Municipal staff	With distance less than 0.5 kms
047	Kumarchak	Z2	FRINGE AREA	Residential	Not	Not prone	Municipal	With

Sl.No	Name of the Slums	Land Value (Z1 is high and Z4 is low)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Connectivity to City-wide Storm-water Drainage System	Whether the Slum is prone to flooding due to rains	Arrangement of Garbage Disposal	Anganwadi under ICDS
	Brahaman Para		AREA	Residential	Connected		staff	distance less than 0.5 kms
048	Kumarchak Khalua Para	Z2	FRINGE AREA	Residential	Not Connected	15-30 days	No Arrangements	With distance less than 0.5 kms
049	Kumarchak Purbapara	Z2	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal staff	With distance less than 0.5 kms
050	Basudevpur Mondal Para	Z1	FRINGE AREA	Residential	Partially Connected	Not prone	Municipal staff	Not Available
051	Basudevpur Das Para	Z1	FRINGE AREA	Residential	Partially Connected	Upto 15 days	Municipal staff	0.5 to 1.0 kms
052	Basudevpur Khalpar	Z1	FRINGE AREA	Residential	Partially Connected	Not prone	Municipal staff	With distance less than 0.5 kms
053	Uttar Durgachak Daspara	Z1	FRINGE AREA	Institutional	Not Connected	Not prone	No Arrangements	More than 5.0 kms
054	Khalpar Basti	Z1	FRINGE AREA	Industrial	Not Connected	15-30 days	No Arrangements	More than 5.0 kms
055	Durgachak G Block Basti	Z1	FRINGE AREA	Other	Not Connected	More than a month	No Arrangements	Within the slum
056	New Colony Khalpar Dakshin Basti	Z1	FRINGE AREA	Other	Partially Connected	Upto 15 days	No Arrangements	With distance less than 0.5 kms
057	New Colony Khalpar Uttar Basti	Z1	CORE CITY/TOWN	Residential	Partially Connected	Not prone	Municipal staff	Within the slum
058	New Colony Muslim Para Basti	Z1	CORE CITY/TOWN	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
059	Khanjanchak Khalpar	Z1	CORE CITY/TOWN	Residential	Not Connected	More than a month	Municipal Contractor	With distance less than 0.5 kms

SL No	Name of the Slums	Land Value (Z1 is high and Z4 is low)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Connectivity to City-wide Storm-water Drainage System	Whether the Slum is prone to flooding due to rains	Arrangement of Garbage Disposal	Anganwadi under ICDS
060	Durgachak D Block	Z1	CORE CITY/TOWN	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
061	Khanjanchak Maji Para	Z1	CORE CITY/TOWN	Other	Data Not Entered	Upto 15 days	Municipal staff	0.5 to 1.0 kms
062	Kishorepur Math Basti	Z1	FRINGE AREA	Industrial	Not Connected	Data Not Entered	No Arrangements	0.5 to 1.0 kms
063	Kishorepur Colony	Z1	FRINGE AREA	Industrial	Not Connected	More than a month	No Arrangements	With distance less than 0.5 kms
064	Tentulberia Dakshin Colony	Z1	FRINGE AREA	Industrial	Fully Connected	Data Not Entered	Municipal Contractor	With distance less than 0.5 kms
065	Kashberia Harijan Pally	Z1	FRINGE AREA	Residential	Not Connected	Data Not Entered	Municipal Contractor	With distance less than 0.5 kms
066	Sukantanagar Colony Jhupri	Z1	FRINGE AREA	Residential	Not Connected	Not prone	No Arrangements	2.0 to 5.0 kms
067	Debhog City Center & Gokul Project Jhupri	Z1	CORE CITY/TOWN	Industrial	Not Connected	Not prone	No Arrangements	2.0 to 5.0 kms
068	Debhog Ghowasmi Pally & Uttar Pally	Z1	CORE CITY/TOWN	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
069	Geondab Muslimpally Uttar	Z2	CORE CITY/TOWN	Residential	Partially Connected	Upto 15 days	Municipal Contractor	Within the slum
070	Geondab Colony & Muslim Para	Z2	CORE CITY/TOWN	Industrial	Partially Connected	Upto 15 days	Municipal Contractor	Within the slum
071	Geondab Paschim Para	Z2	CORE CITY/TOWN	Industrial	Not Connected	Not prone	Municipal staff	Within the slum
072	Solat Kar Para	Z2	FRINGE AREA	Industrial	Not Connected	Upto 15 days	No Arrangements	Not Available
073	Solat Parui	Z2	FRINGE	Other	Partially	Upto 15	Municipal Contractor	Within

Sl.No	Name of the Slums	Land Value (Z1 is high and Z4 is low)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Connectivity to City-wide Storm-water Drainage System	Whether the Slum is prone to flooding due to rains	Arrangement of Garbage Disposal	Anganwadi under ICDS
074	Pally Bhownipur Mallik & Sha para	Z2	AREA FRINGE AREA	Reside ntial	Connected Partially Connected	days Upto 15 days	Municipal Contractor	the slum With distance less than 0.5 kms
075	Bhownipur Khalpar	Z2	FRINGE AREA	Industr ial	Not Connected	Upto 15 days	No Arrangem ents	0.5 to 1.0 kms
076	Bhownipur Maszid Para	Z2	CORE CITY/TO WN	Industr ial	Not Connected	Upto 15 days	No Arrangem ents	Not Availabl e
077	Dighasipur Colony (Azhar)	Z2	FRINGE AREA	Reside ntial	Not Connected	Upto 15 days	No Arrangem ents	Not Availabl e
078	Digrasipur Uttar Fakirpara Dighasipur Colony (Hatath)	Z2	CORE CITY/TO WN CORE CITY/TO WN	Industr ial	Not Connected	Not prone	Municipal Contractor	Not Availabl e
079	Dighasipur Colony (Hatath)	Z2	CORE CITY/TO WN	Reside ntial	Not Connected	More than a month	Municipal staff	Within the slum
080	Dighasipur Colony Uttar Pally	Z2	CORE CITY/TO WN	Other	Not Connected	More than a month	Municipal staff	With distance less than 0.5 kms
081	Dighasipur Colony Tanti Pally	Z2	CORE CITY/TO WN	Other	Not Connected	More than a month	No Arrangem ents	Within the slum
082	Dighasipur Colony Jamadar Pally	Z2	CORE CITY/TO WN	Other	Not Connected	More than a month	No Arrangem ents	Within the slum
083	Dighasipur Colony Purba Pally	Z2	CORE CITY/TO WN	Reside ntial	Not Connected	More than a month	No Arrangem ents	Within the slum
084	Dighasipur Colony Das Pally	Z2	CORE CITY/TO WN	Reside ntial	Not Connected	More than a month	No Arrangem ents	With distance less than 0.5 kms
085	Dighasipur Colony Maity Pally	Z2	CORE CITY/TO WN	Reside ntial	Not Connected	More than a month	No Arrangem ents	Not Availabl e
086	Dighasipur Colony Dai Sea Pally	Z2	CORE CITY/TO WN	Reside ntial	Not Connected	More than a month	No Arrangem ents	Within the slum
087	Monichak	Z2	CORE	Reside	Not	15-30	No	Within

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	Muslimpally		CITY/TOWN CORE	Residential	Connected	days	Arrangements	the slum
088	Chakdwipa Muslimpally	Z2	CITY/TOWN CORE	Residential	Not Connected	15-30 days	No Arrangements	Within the slum
089	Chakdwipa Purba Kumar Para	Z2	CITY/TOWN CORE	Residential	Not Connected	More than a month	No Arrangements	Not Available
090	Barsautanchak Bera & Jana Para	Z2	FRINGE AREA	Other	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
091	Barghasipur Bera Pally & Gayen Pally	Z2	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
092	Monichak Dakshin Para	Z2	FRINGE AREA	Other	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
093	Banamalichak Jela Para	Z3	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
094	Banbisnhupur Jela Para	Z3	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
095	Balughata Jela Para	Z3	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
096	Rayrayanchak Dakshin	Z3	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
097	Bhowanipur Muslim pally	Z2	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
098	Bhowanipur Dakshin Colony	Z2	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
099	Barghasipur Seth Pally	Z2	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance



Sl.No	Name of the Slums	Land Value (Z1 is high and Z4 is low)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Connectivity to City-wide Storm-water Drainage System	Whether the Slum is prone to flooding due to rains	Arrangement of Garbage Disposal	Anganwadi under ICDS
100	Barghasipur Gayen Para	Z2	FRINGE AREA	Residential	Not Connected	Not prone	Municipal Contractor	less than 0.5 kms With distance less than 0.5 kms
101	Manna Pally	Z2	FRINGE AREA	Residential	Not Connected	Not prone	Municipal Contractor	Within the slum
102	Gandhinagar C Block Basti	Z1	FRINGE AREA	Residential	Not Connected	More than a month	Municipal Contractor	Within the slum
103	Gandhinagar F Block Muslim Para	Z1	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal staff	Within the slum
104	Barsautanchak Berapally	Z1	FRINGE AREA	Residential	Not Connected	15-30 days	Municipal staff	0.5 to 1.0 kms
105	Chaktarawan Dakshinpally	Z2	FRINGE AREA	Residential	Not Connected	15-30 days	Municipal staff	1.0 to 2.0 kms
106	Kshudiramnagar Baishaki Block	Z1	FRINGE AREA	Residential	Not Connected	Not prone	Municipal Contractor	0.5 to 1.0 kms
107	Kshudiramnagar Pousali Block	Z1	FRINGE AREA	Residential	Not Connected	Not prone	Municipal staff	0.5 to 1.0 kms
108	Kshudiramnagar Haimanti Block	Z1	FRINGE AREA	Residential	Not Connected	Not prone	Municipal staff	0.5 to 1.0 kms
109	Pitambarchak & Radhaballavchak Colony	Z3	FRINGE AREA	Residential	Not Connected	Data Not Entered	Municipal Contractor	Within the slum
110	Rajarchak Basti	Z1	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	0.5 to 1.0 kms
111	Brajanathchak Uttar- 1	Z1	CORE CITY/TOWN	Residential	Not Connected	Not prone	Municipal staff	1.0 to 2.0 kms
112	Brajanathchak Uttar- 2	Z1	CORE CITY/TOWN	Other	Not Connected	Not prone	Municipal staff	2.0 to 5.0 kms
113	Brajanathchak Uttar Paschim- 1	Z1	FRINGE AREA	Residential	Not Connected	Not prone	Municipal Contractor	1.0 to 2.0 kms
114	Brajanathchak Uttar Paschim- 2	Z1	CORE CITY/TOWN	Institutional	Partially Connected	Not prone	Municipal staff	1.0 to 2.0 kms

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115	Hindustan Lever Side Basit	Z2	FRINGE AREA	Residential	Not Connected	Not prone	Municipal Contractor	0.5 to 1.0 kms
116	Godown side Basti	Z2	CORE CITY/TOWN	Residential	Not Connected	Not prone	Municipal staff	1.0 to 2.0 kms
117	CPT Market Bazar Basti	Z1	FRINGE AREA	Residential	Not Connected	Not prone	Municipal Contractor	With distance less than 0.5 kms
118	Patikhali Riverside Basti (Behind Shaw Walace)	Z1	FRINGE AREA	Residential	Partially Connected	Not prone	Municipal Contractor	0.5 to 1.0 kms
119	Patikhali Rail side Basti	Z1	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	1.0 to 2.0 kms
120	Khanjanchak Khalpar	Z1	FRINGE AREA	Residential	Fully Connected	Not prone	Municipal staff	0.5 to 1.0 kms
121	Basudevpur	Z1	FRINGE AREA	Residential	Not Connected	More than a month	Data Not Entered	1.0 to 2.0 kms
122	Paramananda chak Jhupri IOC Gate	Z1	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	0.5 to 1.0 kms
123	Silpa Prabesh Jhupri	Z1	FRINGE AREA	Residential	Partially Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
124	Nabapally Jhupri	Z1	FRINGE AREA	Industrial	Not Connected	15-30 days	No Arrangements	1.0 to 2.0 kms
125	Rashpukur Jhupri	Z1	FRINGE AREA	Residential	Partially Connected	Upto 15 days	Municipal Contractor	1.0 to 2.0 kms
126	Kashberia Bhunia Para	Z1	FRINGE AREA	Industrial	Not Connected	15-30 days	No Arrangements	2.0 to 5.0 kms
127	HPL Link Road slum	Z1	FRINGE AREA	Industrial	Not Connected	Not prone	No Arrangements	Not Available
128	Balughata Itbhata Jhupri	Z3	CORE CITY/TOWN	Industrial	Not Connected	Not prone	No Arrangements	Within the slum

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129	Banbishnupur Itbhata Jhupri	Z3	CORE CITY/TOWN	Industrial	Not Connected	Not prone	No Arrangements	Within the slum
130	Rayrayanchak Dakshin Ferryghat Jhupri	Z3	CORE CITY/TOWN	Industrial	Not Connected	More than a month	No Arrangements	2.0 to 5.0 kms
131	Rayrayanchak HREL Gate-2 Basti	Z2	FRINGE AREA	Industrial	Not Connected	Not prone	No Arrangements	Within the slum
132	Bhowanipur Culvert colony	Z2	CORE CITY/TOWN	Residential	Partially Connected		Municipal Contractor	With distance less than 0.5 kms
133	Barghasipur Stadium Colony	Z2	FRINGE AREA	Residential	Not Connected	More than a month	No Arrangements	1.0 to 2.0 kms
134	Hatiberia Rail Jhupri	Z2	CORE CITY/TOWN	Residential	Not Connected	Upto 15 days	No Arrangements	With distance less than 0.5 kms
135	Hatiberia College Jhupri	Z1	CORE CITY/TOWN	Residential	Partially Connected	15-30 days	No Arrangements	With distance less than 0.5 kms
136	Ranichak Basti	Z1	FRINGE AREA	Residential	Not Connected	More than a month	No Arrangements	With distance less than 0.5 kms
137	Gandhinagar Sanghati Maidan Basti	Z1	CORE CITY/TOWN	Residential	Not Connected	More than a month	No Arrangements	With distance less than 0.5 kms
138	Bishnuramchak Purba Pally	Z3	FRINGE AREA	Residential	Not Connected	More than a month	No Arrangements	0.5 to 1.0 kms
139	Bishnuramchak Mitha Pukur Basti	Z3	CORE CITY/TOWN	Residential	Not Connected	Upto 15 days	No Arrangements	More than 5.0 kms
140	Haldia Bhawan Basti	Z3	FRINGE AREA	Residential	Not Connected	Upto 15 days	No Arrangements	0.5 to 1.0 kms
141	Sautanchak Basti	Z3	FRINGE AREA	Other	Data Not Entered	Data Not Entered	Data Not Entered	Not Available

Sl.No	Name of the Slums	Land Value (Z1 is high and Z4 is low)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Connectivity to City-wide Storm-water Drainage System	Whether the Slum is prone to flooding due to rains	Arrangement of Garbage Disposal	Anganwadi under ICDS
142	Hatiberia Bisayee Para & Kuity Para	Z2	FRINGE AREA	Residential	Partially Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
143	Chaktarawan Madhyam Pally	Z2	FRINGE AREA	Residential	Not Connected	Upto 15 days	Municipal Contractor	With distance less than 0.5 kms
144	Padmapukur Basti Para	Z2	FRINGE AREA	Industrial	Partially Connected	Not prone	Municipal staff	1.0 to 2.0 kms
145	Duttarchak Khalpar Basti	Z2	CORE CITY/TOWN	Industrial	Not Connected	Not prone	No Arrangements	0.5 to 1.0 kms
146	Hatiberia Station Bastipara	Z2	CORE CITY/TOWN	Industrial	Not Connected	Not prone	No Arrangements	0.5 to 1.0 kms
147	Matangini Basti	Z2	CORE CITY/TOWN	Industrial	Not Connected	Not prone	No Arrangements	1.0 to 2.0 kms
148	Sector 17 Basti Para	Z2	CORE CITY/TOWN	Industrial	Not Connected	Not prone	No Arrangements	Not Available
149	Hindustan Market Basti Para	Z1	CORE CITY/TOWN	Residential	Partially Connected	Upto 15 days	No Arrangements	0.5 to 1.0 kms
150	Central Busstand Basti Para	Z1	CORE CITY/TOWN	Residential	Not Connected	Upto 15 days	No Arrangements	1.0 to 2.0 kms
151	Anchorage Basti Para	Z1	CORE CITY/TOWN	Residential	Not Connected	Upto 15 days	No Arrangements	0.5 to 1.0 kms

#### 4. HFAPoA 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 city just to take advantage of housing scheme and exclude such migrants from list of beneficiaries. On the basis of demand survey and other available data, cities prepare Housing for All Plan of Action (HFAPoA). HFAPoA should contain the demand of housing by eligible beneficiaries in the city along with the interventions selected out of four verticals. The information regarding beneficiaries is collected by ULB in suitable. While preparing HFAPoA, ULB and Implementing Agencies should also consider the affordable housing stock already available in the city as Census data suggests that large number of houses are vacant.

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

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

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

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 land socio-economic data; and
- d) Identification of development model proposed for each slum.
  - a. Base maps to an appropriate scale would be a pre-requisite for the preparation

of Slum Development Plan/ Slum-free City Plan. States/ UTs may need to proceed in the following steps for the preparation of Slum-free City Plans.

- b. Securing CARTOSATII/ latest satellite images from NRSC/ ISRO and preparation of base maps for the whole city and its fringes using the images;
- c. Identification and inventory of all slum clusters of all descriptions in the urban agglomeration with the help of satellite image and other available data;
- d. Inventory of all possible vacant lands in each zone of the urban agglomeration that could be used for slumdevelopment/ rehabilitation development purposes;
- e. Development of Slum Map of every slum within the city and its fringes using GIS with CARTOSATII images, ground level spatial data collected through total station survey, collating spatial information with respect to lot boundaries, network of basic infrastructure like roads, sewerage, storm drainage and waterlines, etc. and superimposing this on the satellite image and importing the map into GIS platform as the first step towards the preparation of Slum Development Plans and Slum Free City Plan.
- f. This may be undertaken with the help of technical partners of NRSC/ ISRO/ other technical institutions/ agency.
- g. Identification and engagement of Lead NGO/CBO to guide and anchor community mobilization for the purpose of slum survey, (May be more than one NGO/ CBO in different slum zones) of the city. These Lead NGOs/ CBOs should also be associated in slum survey operation and dialogues for preparation of slum level development plans;
- h. 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;
- i. 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));

- j. Entry of data from Slum Surveys in the web-enabled MIS application (to be provided by Ministry of HUPA), compilation and collation of data, preparation of Slum-wise, City and State Slum Survey Database and Baseline Reports. The MIS will assist in developing a robust Slum and Slum Households Information System. (Guidelines and software for development of the MIS will be issued by the Ministry of HUPA);
- k. 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.
- l. Development Plans and Slum-free City Plan using a city-wide/zone-based
- m. approach.(Guidelines and software for development of GIS platform and its
- n. integration with the MIS will be issued by the Ministry of HUPA);
- o. Preparation of Slum-free City 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 time line of activities for achieving slum-free city, phasing information and financial estimates against each of the activities.

## 5. Introduction to Pradhan Mantri Awas Yojana (PMAY)

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

- Bringing existing slums within the formal system and enabling them to avail of the same level of basic amenities as the rest of the town.
- Redressing the failures of the formal system that lie behind the creation of slums.
- Tackling the shortages of urban land and housing that keep shelter out of reach of the urban poor and force them to resort to extra-legal solutions in a bid to retain their sources of livelihood and employment.

- Enactment of a set of reforms at the state and city level related to inclusive planning, regulation and financing, which would ensure that adequate fresh housing stock and services get created on an ongoing basis to address both current and future needs of cities.
- An integrated approach covering shelter, services and livelihoods for poor Slum communities.

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

### **6.1 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

### **6.2 Need for Projects**

The projects are needed to fully understand and develop predevelopment models that can be replicated in the city 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 upgradation/ redevelopment projects initiated/ spear headed by the community; or with their demonstrable involvement and participation in design, planning and implementation



- Creation of residential housing 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 city/ state wide programme

### **6.3 Vision 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.

#### **6.4 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.

#### **6.5 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
- 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 instalments 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 instalment of 40%, 40% and 20% each.

**7. Project Justification (2015-16)**

For the following reasons Haldia 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	Habitat ion pattern
001	Sutahata Brahamanpally	Others (Hazardous or Objectionable)	Private owned	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space
002	Mohammadpur	ALONG Storm Water Drain/Nallah	Both Private & Public Land	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Katcha & internal roads are Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space
003	Amlat Das Pally	Others (Hazardous or Objectionable)	Private owned	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road & Internal roads are Non-Motorable Katcha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
004	Sutahata Barman Pally	ALONG Storm Water Drain/Nallah	Private owned	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road & Internal roads are Non-Motorable Katcha	Habitat ion pattern in the slums is congested with insufficient open space
005	Basulia -I	Along Railway Line	State Government	25	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road & Internal roads are Non-Motorable Katcha	Habitat ion pattern in the slums is congested with insufficient open space
006	Basulia -II	Others(non - Hazardous/ Non-Objectionable)	Private owned	25	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Kaccha & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
007	Jagannathpur	Others(non - Hazardous/ Non-Objectionable)	Private owned	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Kaccha & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space
008	Purba Srikrishnapur Muslimpally	ALONG Storm Water Drain/Nallah	Not Known	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kaccha & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space
009	Nandarampur	Along Other Drains	Mostly Private owned	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
010	Purba Srikrishnapur	Others(non - Hazardous/ Non-Objectionable)	Mostly Private owned	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space
011	Bhagyabanti pur Paschim Khalpar Basti	ALONG Storm Water Drain/Nallah	Public owned	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space
012	Bhagyabanti pur South Ramky side Basti	ALONG Storm Water Drain/Nallah	State Government	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
013	Bhagyabanti pur Paschim Muslimpally (Near Kabarstan)	Along Major Transport Alignment	Public owned	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Kutchha & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space
014	Pana & Bhagyabanti pur Manna Pally & Das pally Basti	Others(non - Hazardous/ Non-Objectionable)	Private owned	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Kutchha & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space
015	Champi Dakshin Pally Basti	Others(non - Hazardous/ Non-Objectionable)	Private owned	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
016	Birinchiberia Basti	Along Railway Line	Private owned	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/ tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space
017	Haripur Basti	Others(non - Hazardous/ Non-Objectionable)	Private owned	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space
018	Pana Musilimpally Basti near Ramkey East Side	Along Railway Line	Private owned	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Kaccha	Habitat ion pattern in the slums is congested with insufficient open space



Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
019	Basudevpur Muslim Basti	ALONG Storm Water Drain/Nallah	Public local body	10	The distance from State Highway is <1 Km.	Major population is living in Semi-Pucca houses with tiles on roof	The approach road is Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
020	Basudevpur Samanta Para	Along Other Drains	Public local body	10	The distance from State Highway is <1 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha hours	The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
021	Ramnagar Mondal Para	Others(non - Hazardous/ Non-Objectionable)	Public local body	40	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
022	Ramnagar Brahman para	Along Major Transport Alignment	Public local body	40	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin	The approach road is Non-Motorable Pucca & internal	Habitat ion pattern in the slums is congested with

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
02 3	Ramnagar Patra para	Along Major Transport Alignment	Public local body	40	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	roads are Non-Motorable Pucca & internal roads are Non-Motorable Kachha	insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
02 4	Ramnagar Das Para	Along Major Transport Alignment	Public local body	40	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
02 5	Purba Raghunathchak Bera Para	Along Railway Line	Public local body	40	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
026	Purba Raghunathchak Bala Para	ALONG Storm Water Drain/Nallah	Public local body	75	The distance from State Highway is >5 Km.	roof  Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
027	Jagannathchak Samanta Para	Others(non - Hazardous/ Non-Objectionable)	Public local body	70	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
028	Ramnagar Paschim Naskar Para	Along Railway Line	Public local body	40	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
029	Ramnagar Paschim Manna Para	Along Railway Line	Public local body	20	The distance from State Highway is >5 Km.	roof  Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space
030	Purba Raghunathchak Karan Para	Others(non - Hazardous/ Non-Objectionable)	Public local body	40	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space
031	Purba Raghunathchak Mishra Para	Along Railway Line	Public local body	40	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
03 2	Purba Raghunathchak MCPI Colony	Along Major Transport Alignment	State Government	10	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
03 3	Purba Raghunathchak Ramnagar Colony	Along Railway Line	Public local body	40	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
03 4	Paschim Ramnagar Khalpar	ALONG Storm Water Drain/Nallah	Public local body	20	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
035	Raghunathchak Khalpar	ALONG Storm Water Drain/Nallah	Public local body	20	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
036	Jagannathchak Khalpar	ALONG Storm Water Drain/Nallah	Public local body	10	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
037	Purba Ramnagar Muslim Para	Others(non-Hazardous/Non-Objectionable)	Public local body	40	The distance from State Highway is >5 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
038	Jhikurkhali Purba Pally	Along River/Water Body Bank	Private owned	20	The distance from State Highway is >7 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Kachha & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
039	Jhikurkhali Das Para	ALONG Storm Water Drain/Nallah	Private owned	20	The distance from State Highway is >7 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space
040	Salukkhali Dakshinpally	Along River/Water Body Bank	Public owned	20	The distance from State Highway is >7 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
04 1	Salukkhali Uttarpally	Others(non - Hazardous/ Non-Objectionable)	Private owned	20	The distance from State Highway is >7 Km.	roof  Status of Housing is mixed type of both Semi-Pucca & Katcha hours	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
04 2	Rupnarayanachak Mondalpara	Along River/Water Body Bank	Private owned	20	The distance from State Highway is >7 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha hours	The approach road is Non-Motorable Kuchha & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space
04 3	Jhikurkhali Paschim Para	Along Other Drains	Private owned	20	The distance from State Highway is >7 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kuchha & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space



Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
04 4	Jhikurkhali Dhakshin Pally	Along River/Water Body Bank	State Government	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kuchha & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space
04 5	Kumarchak Sk Para	Along Railway Line	Private owned	40	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
04 6	Kumarchak Mondal Para	Along Railway Line	Private owned	40	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
047	Kumarchak Brahaman Para	Along Major Transport Alignment	Private owned	40	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
048	Kumarchak Khalua Para	Along Railway Line	Others	40	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
049	Kumarchak Purbapara	Along Railway Line	Railways	40	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
050	Basudevpur Mondal Para	Along Major Transport Alignment	Private owned	40	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
051	Basudevpur Das Para	Along Major Transport Alignment	Private owned	40	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
052	Basudevpur Khalpar	Along Major Transport Alignment	State Government	20	The distance from State Highway is <1 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
053	Uttar Durgachak Daspara	Along River/Water Body Bank	Private owned	31	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks	The approach road is Motorable Pucca & internal	Habitat ion pattern in the slums is congest

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
054	Khalpar Basti	Along Railway Line	State Government	47	The distance from State Highway is <1 Km.	with tin sheets and asbestos/tiles on roof  Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	roads are Motorable Pucca  The approach road is Motorable Pucca & internal roads are Motorable Pucca	ed with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
055	Durgachak G Block Basti	Others(non - Hazardous/ Non-Objectionable)	GoI Other than Railways, Defence or Airport	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
056	New Colony Khalpar Dakshin Basti	ALONG Storm Water Drain/Nallah	GoI Other than Railways, Defence or Airport	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
057	New Colony Khalpar Uttar Basti	Along Railway Line	GoI Other than Railways, Defence or Airport	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
058	New Colony Muslim Para Basti	Along Other Drains	GoI Other than Railways, Defence or Airport	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
059	Khanjanchak Khalpar	ALONG Storm Water Drain/Nallah	Public local body	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
060	Durgachak D Block	ALONG Storm Water Drain/Nallah	Private owned	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
061	Khanjanchak Maji Para	ALONG Storm Water Drain/Nallah	Private owned	10	The distance from State Highway is <1 Km.	Status of Housing is mixed type of both Semi-Pucca & Kachha	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
062	Kishorepur Math Basti	On River/Water Body Bed	State Government	20	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
063	Kishorepur Colony	Along Railway Line	GoI Other than Railways, Defence or Airport	20	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
064	Tentulberia Dakshin Colony	ALONG Storm Water Drain/Nallah	Private owned	20	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
065	Kashberia Harijan Pally	Others (Hazardous or Objectionable)	Not Known	20	The distance from National Highway is <1 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Non-Motorable Kachha & internal roads are Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
066	Sukantanagar Colony Jhupri	Others(non - Hazardous/ Non-Objectionable)	Public local body	20	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks	The approach road is Motorable Pucca & internal	Habitat ion pattern in the slums is congested

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
067	Debhog City Center & Gokul Project Jhupri	ALONG Storm Water Drain/Nallah	Public local body	20	The distance from National Highway is <1 Km.	with tin sheets and asbestos/tiles on roof  Status of Housing is mixed type of both Semi-Pucca & Katcha houses	roads are Non-Motorable Kuchha  The approach road is Motorable Pucca & internal roads are Motorable Pucca	ed with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space Habitat ion pattern in the slums is congested with insufficient open space
068	Debhog Ghowasmi Pally & Uttar Pally	Along Major Transport Alignment	State Government	20	The distance from National Highway is <1 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space Habitat ion pattern in the slums is congested with insufficient open space
069	Geondab Muslimpally Uttar	Others (Hazardous or Objectionable)	Others	20	The distance from National Highway is <4 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space



Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
070	Geondab Colony & Muslim Para	Along Major Transport Alignment	Others	20	The distance from National Highway is <4 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
071	Geondab Paschim Para	Along Major Transport Alignment	Private owned	20	The distance from National Highway is <4 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
072	Solat Kar Para	Along Railway Line	Private owned	20	The distance from National Highway is <4 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Motorable Kachha & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
073	Solat Parui Pally	Along Railway Line	Private owned	20	The distance from National Highway is <4 Km.	Major population is living in huts, made of darma / bricks	The approach road is Motorable Pucca & internal	Habitat ion pattern in the slums is congest



Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
074	Bhownipur Mallik & Sha para	Others (Hazardous or Objectionable)	Private owned	20	The distance from National Highway is <1 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	roads are Motorable Pucca  The approach road is Motorable Kachha & internal roads are Non-Motorable Kachha	ed with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
075	Bhownipur Khalpar	Others (Hazardous or Objectionable)	Public local body	20	The distance from National Highway is <1 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
076	Bhownipur Maszid Para	Others (Hazardous or Objectionable)	Public local body	20	The distance from National Highway is <1 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
077	Dighasipur Colony (Azhar)	Others (Hazardous or Objectionable)	Others	20	The distance from National Highway is <1 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Non-Motorable Kachha & internal roads are Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
078	Digrasipur Uttar Fakirpara	Along Major Transport Alignment	Private owned	20	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
079	Dighasipur Colony (Hatath)	Along Other Drains	Others	20	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
080	Dighasipur Colony Uttar Pally	Others(non-Hazardous/ Non-Objectionable)	Private owned	30	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks	The approach road is Non-Motorable Kachha &	Habitat ion pattern in the slums is congest

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
08 1	Dighasipur Colony Tanti Pally	Others(non - Hazardous/ Non-Objectionable)	Private owned	50	The distance from National Highway is <1 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	internal roads are Non-Motorable Kachha  The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	ed with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
08 2	Dighasipur Colony Jamadar Pally	Others(non - Hazardous/ Non-Objectionable)	Private owned	50	The distance from National Highway is <1 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	internal roads are Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
08 3	Dighasipur Colony Purba Pally	Others(non - Hazardous/ Non-Objectionable)	Private owned	40	The distance from National Highway is <1 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	internal roads are Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
084	Dighasipur Colony Das Pally	Others(non - Hazardous/ Non-Objectionable)	Private owned	30	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
085	Dighasipur Colony Maity Pally	Others(non - Hazardous/ Non-Objectionable)	Private owned	40	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
086	Dighasipur Colony Dai Sea Pally	Others(non - Hazardous/ Non-Objectionable)	Private owned	40	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
087	Monichak Muslimpally	Others(non - Hazardous/ Non-Objectionable)	Private owned	40	The distance from National Highway is <2 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
088	Chakdwipa Muslimpally	ALONG Storm Water Drain/Nallah	Private owned	50	The distance from National Highway is <4 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
089	Chakdwipa Purba Kumar Para	Others(non - Hazardous/ Non-Objectionable)	Private owned	20	The distance from National Highway is <4 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
090	Barsautanchak Bera & Jana Para	Along Major Transport Alignment	Private owned	7	The distance from National Highway is <4 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
091	Barghasipur Bera Pally & Gayen Pally	Others(non - Hazardous/ Non-Objectionable)	Private owned	10	The distance from National Highway is <4 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
092	Monichak Dakshin Para	Along Major Transport Alignment	Private owned	7	The distance from National Highway is <2 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
093	Banamalichak Jela Para	Others(non - Hazardous/ Non-Objectionable)	Private owned	20	The distance from National Highway is <4 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
094	Banbisnhupur Jela Para	Others(non - Hazardous/ Non-Objectionable)	Private owned	20	The distance from National Highway is <4 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
095	Balughata Jela Para	Others(non - Hazardous/ Non-Objectionable)	Private owned	20	The distance from National Highway is <4 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space



Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
096	Rayrayancha k Dakshin	Along Major Transport Alignment	Public local body	20	The distance from State Highway is <4 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
097	Bhowanipur Muslim pally	Others(non - Hazardous/ Non-Objectionable)	Public local body	20	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
098	Bhowanipur Dakshin Colony	Others(non - Hazardous/ Non-Objectionable)	Public local body	20	The distance from National Highway is <2 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
099	Barghasipur Seth Pally	Others(non - Hazardous/ Non-Objectionable)	Not Known	20	The distance from National Highway is <3 Km.	Major population is living in huts, made of darma /	The approach road is Non-Motorable Pucca	Habitat ion pattern in the slums is



Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
100	Barghasipur Gayen Para	ALONG Storm Water Drain/Nallah	Public local body	20	The distance from National Highway is <3 Km.	bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	& internal roads are Non-Motorable Pucca  The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	congested with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
101	Manna Pally	ALONG Storm Water Drain/Nallah	Public local body	20	The distance from National Highway is <2 Km.	bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	& internal roads are Non-Motorable Pucca  The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	congested with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
102	Gandhinagar C Block Basti	Along Other Drains	Public local body	20	The distance from National Highway is <2 Km.	bricks with tin sheets and asbestos/tiles on Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on	& internal roads are Non-Motorable Kachha  The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	congested with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
103	Gandhinagar F Block Muslim Parah	ALONG Storm Water Drain/Nallah	Public local body	20	The distance from National Highway is <2 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
104	Barsautanchak Berapally	ALONG Storm Water Drain/Nallah	Airport	20	The distance from State Highway is <2 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
105	Chaktarawan Dakshinapally	ALONG Storm Water Drain/Nallah	Not Known	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Pucca & internal roads are Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
106	Kshudiramnagar Baishaki Block	ALONG Storm Water Drain/Nallah	Railways	20	The distance from State Highway is <2 Km.	Major population is living in huts, made of darma /	The approach road is Motorable Pucca &	Habitat ion pattern in the slums is

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
107	Kshudiramn agar Pousali Block	ALONG Storm Water Drain/Nallah	Not Known	25	The distance from State Highway is <2 Km.	bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	internal roads are Non-Motorable Pucca  The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	congested with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
108	Kshudiramn agar Haimanti Block	ALONG Storm Water Drain/Nallah	Public local body	27	The distance from State Highway is <2 Km.	bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	internal roads are Non-Motorable Pucca  The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	congested with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
109	Pitambarchak & Radhaballav chak Colony	ALONG Storm Water Drain/Nallah	Public local body	20	The distance from State Highway is <2 Km.	bricks with tin sheets and asbestos/tiles on	internal roads are Non-Motorable Kuchha  The approach road is Motorable Pucca & internal roads are Non-Motorable Kuchha	congested with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
110	Rajarchak Basti	ALONG Storm Water Drain/Nallah	GoI Other than Railways, Defence or Airport	25	The distance from State Highway is <2 Km.	roof Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Non-Motorable Pucca & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space
111	Brajanathchak Uttar- 1	ALONG Storm Water Drain/Nallah	Airport	20	The distance from State Highway is <2 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
112	Brajanathchak Uttar- 2	Along River/Water Body Bank	Airport	20	The distance from State Highway is <2 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
113	Brajanathchak Uttar Paschim- 1	Along Major Transport Alignment	GoI Other than Railways, Defence or	20	The distance from State Highway is <2 Km.	Status of Housing is mixed type of both Semi-Pucca &	The approach road is Motorable Pucca & internal	Habitat ion pattern in the slums is congest

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
114	Brajanathchak Uttar Paschim- 2	ALONG Storm Water Drain/Nallah	Airport	20	The distance from State Highway is <2 Km.	Katcha houses  Status of Housing is mixed type of both Semi-Pucca & Katcha houses	roads are Non-Motorable Kuchha  The approach road is Motorable Pucca & internal roads are Motorable Pucca	ed with insufficient open space Habitat ion pattern in the slums is congested with insufficient open space
115	Hindustan Lever Side Basti	ALONG Storm Water Drain/Nallah	Railways	25	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
116	Godown side Basti	Along Major Transport Alignment	Not Known	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
117	CPT Market Bazar Basti	Along Major	Airport	20	The distance	Major populatio	The approach	Habitat ion

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
118	Patikhali Riverside Basti (Behind Shaw Wallace)	Transport Alignment  ALONG Storm Water Drain/Nallah	State Government	15	from State Highway is <1 Km.  The distance from State Highway is <2 Km.	n is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha  The approach road is Motorable Pucca & internal roads are Motorable Pucca  The approach road is Motorable Pucca & internal roads are Non-Motorable Kuchha	pattern in the slums is congested with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
119	Patikhali Rail side Basti	ALONG Storm Water Drain/Nallah	Airport	15	The distance from State Highway is <2 Km.	n is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Non-Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space
120	Khanjanchak Khalpar	ALONG Storm Water Drain/Nallah	State Government	15	The distance from State Highway is <1 Km.	n is living in huts, made of darma / bricks with tin	The approach road is Motorable Pucca & internal roads are	Habitat ion pattern in the slums is congested with

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
12 1	Basudevpur	Along Railway Line	State Government	10	The distance from State Highway is <2 Km.	sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Motorable Pucca  The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
12 2	Paramanandachak Jhupri IOC Gate	Along Other Drains	GoI Other than Railways, Defence or Airport	10	The distance from State Highway is <2 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Motorable Pucca & internal roads are Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
12 3	Silpa Prabesh Jhupri	Along Other Drains	GoI Other than Railways, Defence or Airport	10	The distance from State Highway is <1 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space
12 4	Nabapally Jhupri	Along Major Transport	Railways	20	The distance from	Status of Housing is mixed	The approach road is	Habitat ion pattern



Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
125	Rashpukur Jhupri	Alignment  Along Railway Line	State Government	20	State Highway is <1 Km.  The distance from State Highway is <1 Km.	type of both Semi-Pucca & Katcha houses  Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Non-Motorable Kachha & internal roads are Non-Motorable Kachha  The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	in the slums is congested with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
126	Kashberia Bhunia Para	Along Major Transport Alignment	Private owned	20	The distance from State Highway is <3 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
127	HPL Link Road slum	Others (Hazardous or Objectionable)	Not Known	10	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and	The approach road is Non-Motorable Kachha & internal roads are Non-	Habitat ion pattern in the slums is congested with insufficient

Sl. No	Name of the Slums	Status	Land	Age in year	National Highway	Status of Housings	Road Status	Habitat ion pattern
128	Balughata Itbhata Jhupri	Others(non - Hazardous/ Non-Objectionable)	Private owned	30	The distance from National Highway is <4 Km.	asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Motorable Kachha  The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	open space  Habitat ion pattern in the slums is congested with insufficient open space
129	Banbishnupur Itbhata Jhupri	Others (Hazardous or Objectionable)	Not Known	30	The distance from National Highway is <4 Km.	asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
130	Rayrayanchak Dakshin Ferryghat Jhupri	Others (Hazardous or Objectionable)	State Government	30	The distance from State Highway is <3 Km.	asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
131	Rayrayanchak HREL Gate-2 Basti	Others (Hazardous or	State Government	30	The distance from	Major population is living	The approach road is	Habitat ion pattern

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
132	Bhowanipur Culvert colony	Objectionable)  Along Major Transport Alignment	Public local body	40	State Highway is <3 Km.  The distance from National Highway is <1 Km.	in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Non-Motorable Kachha & internal roads are Non-Motorable Kachha  The approach road is Motorable Pucca & internal roads are Non-Motorable Pucca	in the slums is congested with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
133	Barghasipur Stadium Colony	ALONG Storm Water Drain/Nallah	Public local body	15	The distance from National Highway is <1 Km.	in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
134	Hatiberia Rail Jhupri	Others(non - Hazardous/ Non-Objectionable)	Railways	20	The distance from State Highway is <1 Km.	in huts, made of darma / bricks with tin sheets	The approach road is Motorable Pucca & internal roads are Non-	Habitat ion pattern in the slums is congested with insufficient

Sl. No	Name of the Slums	Status	Land	Age in year	National Highway	Status of Housings	Road Status	Habitat ion pattern
135	Hatiberia College Jhupri	Along Major Transport Alignment	Public local body	25	The distance from State Highway is <1 Km.	and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Motorable Pucca  The approach road is Motorable Pucca & internal roads are Non-Motorable Kuchha	ient open space  Habitat ion pattern in the slums is congested with insufficient open space
136	Ranichak Basti	ALONG Storm Water Drain/Nallah	Railways	10	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	Motorable Pucca & internal roads are Motorable Kuchha	Habitat ion pattern in the slums is congested with insufficient open space
137	Gandhinagar Sanghati Maidan Basti	Along Major Transport Alignment	Public local body	12	The distance from National Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Kachha & internal roads are Non-Motorable Pucca	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
138	Bishnuramchak Purba Pally	ALONG Storm Water Drain/Nallah	GoI Other than Railways, Defence or Airport	10	The distance from State Highway is <2 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
139	Bishnuramchak Mitha Pukur Basti	Along Major Transport Alignment	GoI Other than Railways, Defence or Airport	12	The distance from State Highway is <2 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
140	Haldia Bhawan Basti	ALONG Storm Water Drain/Nallah	GoI Other than Railways, Defence or Airport	10	The distance from State Highway is <2 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
141	Sautanchak Basti	Others(non-Hazardous/Non-Objectionable)	GoI Other than Railways, Defence or	10	The distance from State Highway is <2 Km.	Major population is living in huts, made of darma / bricks	The approach road is Non-Motorable Kachha &	Habitat ion pattern in the slums is congested

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
14 2	Hatiberia Bisayee Para & Kuity Para	Others(non - Hazardous/ Non-Objectionable)	Airport  GoI Other than Railways, Defence or Airport	10	The distance from State Highway is <1 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	internal roads are Non-Motorable Kachha  The approach road is Motorable Pucca & internal roads are Motorable Pucca	ed with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
14 3	Chaktarawan Madhyam Pally	ALONG Storm Water Drain/Nallah	GoI Other than Railways, Defence or Airport	10	The distance from State Highway is <1 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Motorable Pucca & internal roads are Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
14 4	Padmapukur Basti Para	ALONG Storm Water Drain/Nallah	GoI Other than Railways, Defence or Airport	30	The distance from State Highway is <1 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space

Sl. No	Name of the Slums	Status	Land	Age in years	National High Way	Status of Housings	Road Status	Habitat ion pattern
145	Duttarchak Khalpar Basti	ALONG Storm Water Drain/Nallah	Railways	10	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
146	Hatiberia Station Bastipara	ALONG Storm Water Drain/Nallah	Railways	30	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
147	Matangini Basti	ALONG Storm Water Drain/Nallah	Railways	15	The distance from State Highway is <1 Km.	Status of Housing is mixed type of both Semi-Pucca & Katcha houses	The approach road is Non-Motorable Kachha & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
148	Sector 17 Basti Para	ALONG Storm Water Drain/Nallah	Haldia Dock Complex	20	The distance from State Highway is <1 Km.	Major population is living in huts, made of darma / bricks	The approach road is Non-Motorable Pucca &	Habitat ion pattern in the slums is congest

Sl. No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat ion pattern
149	Hindustan Market Basti Para	Along Other Drains	Haldia Dock Complex	45	The distance from State Highway is <1 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	internal roads are Non-Motorable Kachha  The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	ed with insufficient open space  Habitat ion pattern in the slums is congested with insufficient open space
150	Central Busstand Basti Para	Along Major Transport Alignment	Haldia Dock Complex	42	The distance from State Highway is <1 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	internal roads are Non-Motorable Kachha  The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space
151	Anchorage Basti Para	Along Major Transport Alignment	Haldia Dock Complex	40	The distance from State Highway is <2 Km.	with tin sheets and asbestos/tiles on roof Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof	internal roads are Non-Motorable Kachha  The approach road is Motorable Pucca & internal roads are Non-Motorable Kachha	Habitat ion pattern in the slums is congested with insufficient open space



**8. Broad infrastructure status in slum areas**

Status of all 151 slums in respect of the four infrastructures is detailed below:

**8.1 Water Supply:**

Water supply scheme of Haldia was augmented with the construction of 20 MGD treatment plant, as Geonkhali water supply project. Only 1 MGD of it is for the ULB area. Geonkhali is in the north of Haldia municipality and is situated in the bank of Hugli river. The intake is from Hoogli River. This scheme is designed to cater the water supply need of 37.46% of the ULB population at a rate of 70 lpcd. The slum of the city is provided with around 251 public taps for the public use.

Individual tap	Tube well/ Bore well/ Hand pump	Open well	Public tap	Tube well/ Bore well/ Hand pump	Tank/ Pond	River/ Canal/ Lake/ Spring	Water Tanker	Others
251	2713	74	1167	5260	3	4	10	96

Table No- 5.1.2.5: Source of Water

Existing Roads in It is observed from the above table that there are about 39 k.m. of roads but

only nearly 11 km not covered by pucca road.

Haldia city is linked by all modes of transportation viz. road, rail and water. the slums

Type of Road Length(Sq.m)	
Kutchha	10269
WBM	1342
Murrum	14486
Black topped Good condition	4670
Black topped Bad condition	463
Concrete road Good condition	4443
Concrete road Bad condition	231

**8.2 Sewerage and Sanitation**

Most of the households use individual septic tank. Some areas are having their own latrine pit with their effluent discharging in to the open drain ultimately joining the natural drainage.

The city is having natural drainage system which provides the essential drainage service of the city. Many of the roads are not having even open drains. Collection and disposal of

sewage from living areas and urban waste from manufacturing areas is essential to maintain healthy living conditions in the city. Sewerage project for different areas in Haldia is in progress.

<b>Sewerage and Sanitation</b>	
<b>Sanitary latrine constructed</b>	770
<b>Community Latrine /Public Toilet</b>	4
<b>Length of Sewer Line (in kilometer)</b>	Nil
<b>Sewage Treatment Plant (STP)</b>	Nil
<b>Pumping Station</b>	Nil

### 8.3 Drainage System of slums

General slope of land towards South-West and part in eastern side towards the natural drainage of the region i.e. towards Hoogly and Haldi river.

<b>Kutchha Drain (in km.)</b>	10
<b>Pucca Drain (in km.)</b>	18
<b>Underground / covered Drain (in km.)</b>	NIL
<b>Total Drain (in km.)</b>	28

### 8.4 Tenability Analysis

Having assessed the status of slums with respect to physical location and land use characteristics, all 151 listed slums in Haldia Municipality are analysed with regard to their tenability in order to determine prioritization of slums and slum development options i.e. whether planned service provision will be undertaken through in-situ up-gradation /redevelopment or resettlement. The objective of this exercise is to classify slums as Tenable or Untenable and any slums which are classified as Semi-Tenable were further analysed to classify them as Tenable or Untenable. HFA guidelines prescribe the following criteria for classifying the slums as tenable, semi-tenable or untenable are provided in the box below:

#### **Tenable Slums:**

1. All slum pockets located on non-objectionable and non-hazardous sites as obtained from NBO formats.

2. As per “Model Property Rights to Slum Dwellers Act, 2011”- All slums settlements which do not fall within the definition of untenable settlements are considered as tenable and fit for in-situ redevelopment / improvement.

#### **Semi Tenable Slums**

All slum pockets located on sites which are earmarked for non-residential uses as per Master Plan are categorized as semi-tenable for further analysis and review. Finally, the semi tenable slums are either is categorized as Tenable or Untenable.

#### **Untenable Slums**

(i) As per NBO format, slum pockets in the following locations may be considered as untenable

Major storm water drains, Other drains, Railway line, Major transport alignment, River or water bodies Bank , River or water bodies Bed and others (hazardous or objectionable) including high tension lines. However, slums on other drains may be examined for being included in the category of semi tenable or tenable.

Slums depending on the exact location of the slum and the possibility of in-situ development through sustainable engineering solutions

(ii) As per “Model Property Rights to Slum Dwellers Act, 2011”

Those settlements which are on environmentally hazardous sites, ecologically sensitive areas, prohibited areas around heritage sites and land marked for public spaces, utilities, services and infrastructure.

Analyzing the above principals, it is observed that out of 151 slums. However, such partial relocation is achievable on account of low density of slum and availability of adequate land within the slum. In addition, the tenability of slum was assessed on the following parameters

□ Land Use: Haldia municipality has a Land Use and Development Control Plan (LUDCP)

which prescribes the mixed land use characteristics for all the four identified development control zones. Looking into the mixed land use, location of the slums in Haldia is in conformity with the proposed land use.

Accordingly, all the 151 slums in Haldia are considered to be tenable.

## 8.5 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. Majority of the population of this slum is living for more than 4 years in this slum. Hence, dwellers are now permanently depending on 16 nos slums. This justifies as a parameter on the importance of Slum for In situ development.

## 9. The Supply Demand Gap and Requirements

### 9.1 Existing Housing Shortage (Slums and Non Slums)

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

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

**I. Curative Approach:** The housing shortage or deficiency for the existing slums and non

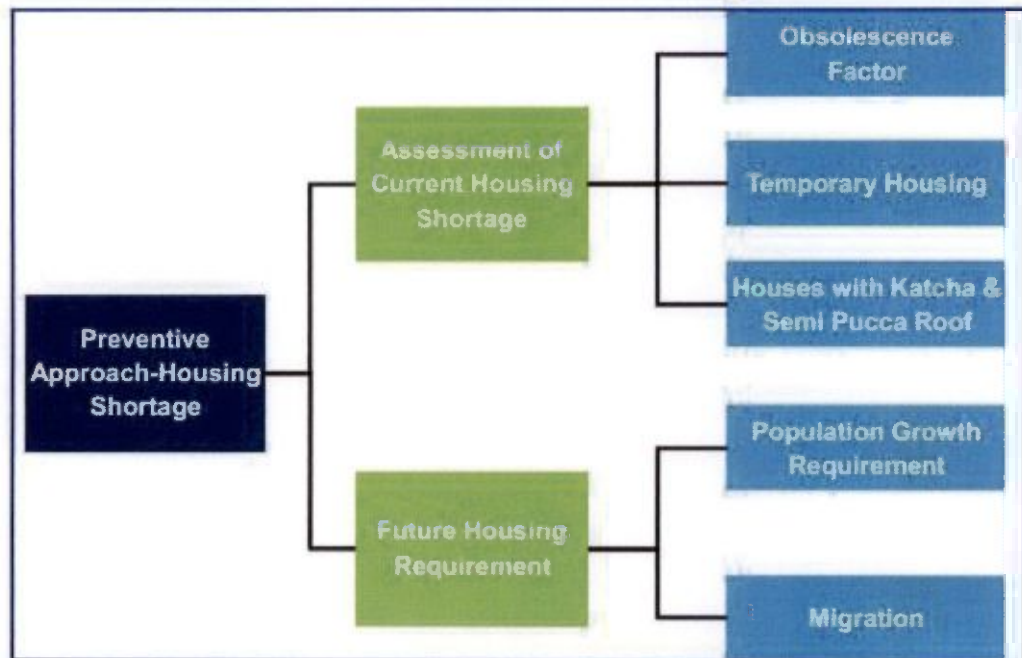
slum is worked out at 13688 units and is summarised in the following table:

**Table 39: Housing Shortage- Curative Approach**

S. No	Structure of the House	Number of Units
I.	Construction of Semi-Pucca House to Pucca Houses	6337
II.	Construction of Kuchha house to Pucca Houses	7102
III	Construction of house through PPP	249
	<b>Total</b>	<b>13688</b>

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

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



The housing shortage in each of the above components is calculated as follows:

## 9.2 Assessment of Current Housing Shortage

### I. Obsolescence Factor:

According to the “Report of the Technical Group on Estimation of Urban Housing Shortage”, the households living in the dwelling units aged 80 years or more are deemed to be unfit for habitation”. The obsolescence factor is taken into consideration as dilapidated houses in census records.

As Haldia has about 4.57% of the total urban population of Purba Medinipur District, the number of dilapidated dwelling units in haldia can be considered to get the benefit as such schemes ,so the future requirement of house is needed i.e1514 houses.

### 9.3 Likely Future Housing Requirement

The future housing requirement is calculated to address the requirement due to increased population and migration till the year 2025.

## 10. Financial Implementation

**Beneficiary led Participation:** Implies development of housing by involvement of Beneficiary

### Tasks:

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

## 11. 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.

## 12. 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 areas 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 at least 20 households (For NE & Special Category States it is 10-15 households) with a collection of poorly built tenements, mostly of temporary nature, crowded together usually with inadequate sanitary and drinking water facilities in unhygienic conditions.

## 13. 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, stormwater drainage, roads (BT & CC) & drainage, etc.

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

**GOI Contribution:**

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

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

**Beneficiary Contribution:**

In order to ensure beneficiaries interest, financial contribution by the beneficiaries is critical. The share of beneficiary contribution in housing is proposed to be a minimum of 25000/-. As per PMAY guidelines no contribution from the beneficiaries is expected in infrastructure improvements.

**State Contribution:**

The decision would be left to the remaining share would have to be arranged by the State. State will contribute 5% of total Dwelling cost for infrastructure.

**ULB Contribution:**

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

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

Type of City/Towns as per 2011 census	Component	Contribution of			
		Centre Rs.(Lakhs)	State Rs.(Lakhs)	ULB Rs.(Lakhs)	Beneficiaries Rs.(Lakhs)
Total cost of Beneficiary LED Construction	Housing	1.5	1.92858	Nil	0.25
	Infrastructure	Nil	5 %	5 %	Nil

**Project Cost and Financing Strategy**

**For Dwelling Unit**

Total no of Dwelling unit = 750 Nos

Rate per Dwelling unit = 3.68 Lakhs

Total Cost of Dwelling unit = 750 x 3.68 = 2760 Lakhs

Central Share = 750 x 1.5 Lakhs = 1125 Lakhs

State Share = 750 x 1.93 Lakhs = 1447.5 Lakhs

Beneficiary Share = 750 x 0.25 Lakhs = 187.5 Lakhs

ULB Share = NIL

**For Infrastructure**

10 % of total Dwelling unit cost = 2758.935 Lakhs x 10% = 275.8935 Lakhs

Central Share = NIL

State Share = 50 % x 275.8935 Lakhs = 137.94675 Lakhs

Beneficiary Share = NIL

ULB Share = 50 % x 275.8935 Lakhs = 137.94675 Lakhs

**The total project cost will be 3034.8285 Lakhs**

Out of these **3034.8285 Lakhs** is the cost of Housing Infrastructure. The following table shows the share of cost between housing infrastructure & Physical Infrastructure.

**Cost Break up between Housing & Infrastructure**

SINo.	Component	Cost on Lakhs
1.	Housing Cost (750) Dwelling Units	2758.935
2.	Infrastructure Cost	275.8935
<b>Total</b>		<b>3034.8285</b>

**14. 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 Municipal Corporation 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 infrastructure and housing, including the costs for subsequent maintenance. As the scheme is a collaborative effort to 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, Planning, Project engineering, Social development, Monitoring and evaluation etc. forensuring effectiveco-ordination with State Governments for expeditious processing of the State Slum-free PoA sand project proposals and providing handholding support 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 morethan 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.

## 15. Resolution of BOC :

হলদিয়া পৌরসভার ১৯/০৩/২০১৮ তারিখে অনুষ্ঠিত ৮ম পর্বদ সভার ২৩ নং আলোচ্যসূচীর উদ্ধৃতাংশ বিশেষ।

উপস্থিত কাউন্সিলরগণ :-

শ্রী শ্যামল কুমার আদক	- চেয়ারম্যান	শ্রী বিমল কুমার মাজি	- কাউন্সিলর
শ্রী সুখাংশু মন্ডল	- ভাইসচেয়ারম্যান	শ্রীমতি সুপ্রিয়া মাইতি	- কাউন্সিলর
শ্রী স্বপন নস্কর	- চেয়ারম্যান-ইন-কাউন্সিল	শ্রী সঞ্জীব পট্টনায়ক	- কাউন্সিলর
শ্রী বিকাশ জানা	- চেয়ারম্যান-ইন-কাউন্সিল	শ্রী প্রদীপ কুমার দাস	- কাউন্সিলর
সেক আজগর আলি	- চেয়ারম্যান-ইন-কাউন্সিল	শ্রী শঙ্কর প্রসাদ নায়েক	- কাউন্সিলর
সেক আজিজুল রহমান	- চেয়ারম্যান-ইন-কাউন্সিল	শ্রীমতি পম্পা প্রধান	- কাউন্সিলর
শ্রী সত্যব্রত দাস	- চেয়ারম্যান-ইন-কাউন্সিল	শ্রী গোপাল চন্দ্র দাস	- কাউন্সিলর
শ্রী প্রশান্ত কুমার দাস	- কাউন্সিলর	শ্রী পঞ্চানন ভূঞা	- কাউন্সিলর
শ্রীমতি প্রতিভা রানী মল্লিক	- কাউন্সিলর	শ্রী সঞ্জয় দোলই	- কাউন্সিলর
শ্রীমতি সর্বানী মাজী	- কাউন্সিলর	শ্রীমতি শ্রাবন্তী শাসমল	- কাউন্সিলর
শ্রী ভক্তি প্রসাদ বলিদা	- কাউন্সিলর	শ্রীমতি নমিতা দাস (পাত্র)	- কাউন্সিলর
শ্রীমতি প্রতিমা বেতাল	- কাউন্সিলর	শ্রীমতি অনিমা হানদার	- কাউন্সিলর
শ্রীমতি রীতা মিদ্যা দাস	- কাউন্সিলর	শ্রী দেবপ্রসাদ মন্ডল	- কাউন্সিলর

**৮-২৩/ বিবিধ হাউসিং ফর অল কর্মসূচীতে কাইনাল এইচ.এফ.পি.ও.এ অনুমোদন :**

২০১৫ সাল থেকে ২০২২ সাল পর্যন্ত এই সাত বছরের জন্য প্রধান মন্ত্রী আবাস যোজনার অধীন হাউসিং ফর অল প্ল্যান অফ অ্যাকশন অনুমোদন প্রয়োজন।

(SECC ডাটা ও উষা সার্ভে ডাটা এর উপর নির্ভর করে ২৯টি ওয়ার্ডে মোট ১৫১টি গ্ল্যাম এলাকায় এবং নন-গ্ল্যাম এলাকায় থাকা কাঁচা বাড়ী ও সেমি পাকা বাড়ী সার্ভে করে তথ্য পাওয়া গেছে।)

পর্বদ সভার অনুমোদন প্রয়োজন।

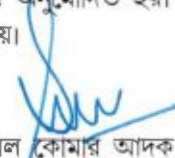
শ্রী শ্যামল কুমার আদক চেয়ারম্যান, হলদিয়া পৌরসভা, সভাকে জানান যে ২০১৫ থেকে ২০২২ এই সাত বছরের জন্য প্রধান মন্ত্রী আবাস যোজনার অধীন হাউসিং ফর অল প্ল্যান অফ অ্যাকশন তৈরী করা হয়েছে।

SECC Data & USHA Survey Data এর উপর নির্ভর করে ২৯ টি ওয়ার্ডে মোট ১৫১টি গ্ল্যাম এলাকায় এবং নন-গ্ল্যাম এলাকায় থাকা কাঁচা বাড়ী ও সেমি পাকা বাড়ী সার্ভে করে যে তথ্য পাওয়া গেছে তাতে দেখা যাচ্ছে যে এই শহরে মোট ১৩৬৮ টি বাড়ী নির্মাণ করার চাহিদা রয়েছে।

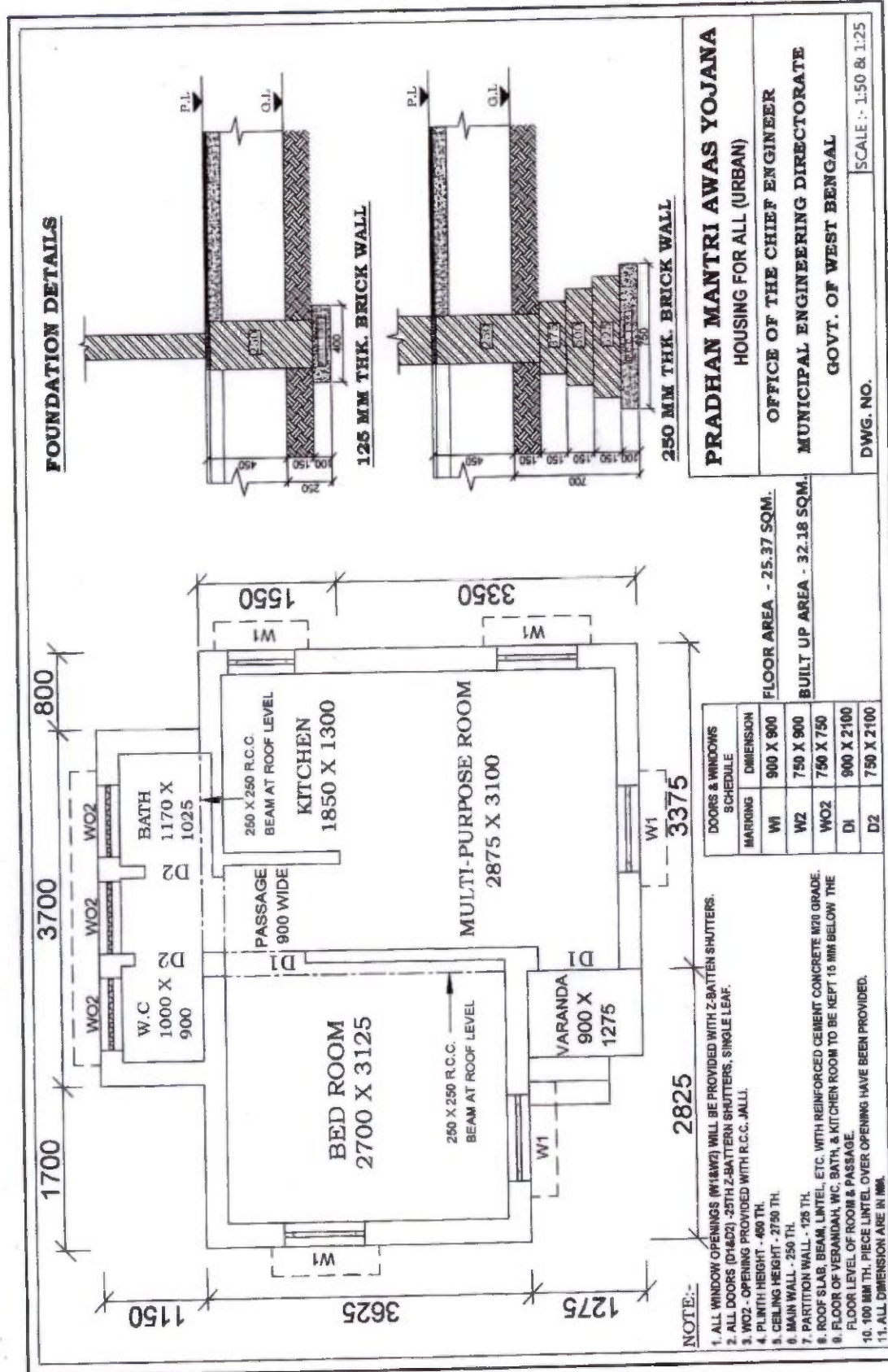
সভায় সিদ্ধান্ত গৃহিত হয় যে ২০১৭-২০১৮ সালে B.L.C. পদ্ধতিতে ৭৫০টি বাড়ী নির্মাণ করা হবে।

সভায় বিস্তারিত আলোচনার পর এইচ.এফ.পি.ও.এ এর Final রুপটি সর্বসম্মতিক্রমে অনুমোদিত হয়। পরবর্তী পদক্ষেপ গ্রহন করার জন্য সভার পক্ষ থেকে চেয়ারম্যান মহাশয়কে দায়িত্ব দেওয়া হয়।

**অঃ পঃ পরবর্তী পদক্ষেপ নেওয়ার জন্য দপ্তরকে জানানো হয়েছে।**

  
 স্বঃ শ্যামল কুমার আদক  
 চেয়ারম্যান  
 হলদিয়া পৌরসভা।

16. Drawing & Estimate :



**DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE**
**Pradhan Mantri Awas Yojana Housing For All (Urban)**
**Total Covered Area- 32.18 sq.m (With Electrical Works)**

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

**Floor Area 25.37 sqm**

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm . SOR, PWD, P-1, I -2 a	13.000	%cu.m.	12047.00	1566.11
2	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete.( Payment to be made on the basis of measurement of finished quantity of work ) a) With earth obtained from excavation of foundation. SOR, PWD, P-1, T/3 a	11.120	%cu.m.	7831.00	870.81
3	Supplying Laying Polithin Sheets etc. SOR, PWD, P-45, T-13	22.000	sqm	25.00	550.00
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering.a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety SOR, PWD, Page 24 ; Item -10 a	3.500	cu.m.	5823.00	20380.50
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete. SOR, PWD, P-45, T-12	6.810	sqm,	297.00	2022.57
6	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. b) In super structure SOR, PWD, P-29, T -22(a), (b)	10.430 15.240	cum cum	5719.00 5943.00	59649.17 90571.32
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor SOR, PWD, P-73, I -29	23.220	sq.m.	783.00	18181.26
8	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety SOR, PWD, P-14, T -7(i)	3.940	cu.m.	6851.66	26995.54

9	Reinforcements for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16G black annealed wire at every inter-section, complete as per drawing and direction. (a) For works in foundation, basement and upto roof of ground floor / upto 4m. (i) Tor steel/Mild steel. SOR, PWD, P-27, T -15(i)	0.309	MT	60705.93	18775.74
10	Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor). (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.)SOR, PWD, P-66, T -12(a) 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M 2	360.00	13342.68
11	Plaster ( to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary . In ground floor. A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster SOR, PWD, P-151, T -2 (i)(b) b) Out side Wall, 15mm th. SOR, PWD, P-151, I -2 (i)(c) B)10mm th ceiling plaster (4:1) SOR, PWD, P-151, I -2 (i)(c)	116.940	sq.m.	181.00	21166.14
		111.950	sq.m.	156.00	17464.20
		23.330	sq.m.	140.00	3266.20
12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. SOR, PWD, P-152, I -8	26.700	sq.m.	38.00	1014.60
13	Artificial stone in floor,dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick SOR, PWD, P-40, I -3 (i)	26.490	sq.m.	265.00	7019.85

14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1) a fitted and fixed complete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) SOR, PWD, P-90, I-18 (c)	34	each	22.00	748.00
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood SOR, PWD, P-85, T -1(i)	0.213	cu.m.	46171.00	9834.42
16	Panel Shutter of door & Window (each Panel Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panel of size 30 to 45 cm. Other Local wood SOR, PWD, P-105, I -84 (iv)c	8.520	sq.m.	1567.00	13350.84
17	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a)75mm x 47mm x 1.70mm SOR, PWD, P-91, T -20(iv)	32.000	each	34.00	1088.00
18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia SOR, PWD P-93, I-25,c	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats SOR, PWD, P-155, I -3 (b)	124.960	%sq.m.	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothing surface thoroughly external surface One Coat SOR, PWD, P-155, I - 4(ii)(a)	100.560	%sq.m.	1514.00	1522.48
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand papering etc. 1) On timber surface SOR, PWD, P - 162, I - 7(a) 2) On Steel Surface SOR, PWD, P - 162, I - 7(b)	21.690 2.700	sq.m. sq.m.	41.00 31.00	889.29 83.70
22	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : With super gloss (hi-gloss)-With any shade except white. a) On timber or plastered surface Two Coats b) On Steel surface Two Coats SOR, PWD, P - 162, - 8A(aii),(bii)	21.690 2.700	sq.m. sq.m.	89.00 86.00	1930.41 232.20
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm diad with center bolt and round fitting. 300 mm long SOR, PWD, P-93, I - 27c	2.000	each	193.00	386.00

24	Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item will not be issued by deptt. SOR, PWD, P-32, I - 38 (b)	1.690	sq.m.	351.00	593.19
25	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials ( Spun yarn, valamoid / bitumen / M. seal etc.) complete. P-173, I-21 A (ii), C(ii), D(ii) SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)				
	i) UPVC Pipe 110 mm dia	3.000	Mtr.	291.00	873.00
	ii) UPVC Bend 87.5 degree 110 mm dia	2.000	each	162.00	324.00
	iii) UPVC Shoe 110 mm	1.000	each	128.00	128.00
26	M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. Grill weighing 10 kg/sq m to16 kg/m2 SOR, PWD, P - 76, I - 10 (i) (2.70sqm @ 10.5kg per sqm = 28.35 kg)	0.284	Qntl	8247.00	2342.15
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied ,fitted and fixed in position (excluding cost of concrete for fixing). 450 mm long SOR, PWD, (Sanitary) P - 65, I - 1 (iii)	1.000	each	1062.00	1062.00
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including adding colour as necessary. SOR, PWD, (Sanitary) P - 66, I - 9	1.000	Pair	70.00	70.00
29	Supplying,fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed surface. S Trap 100 mm SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)	1.000	each	923.00	923.00

**DPR for HFA 2017 - 18**



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.		350000.36
Say			Rs.		350000.00
Add for Electrical Works (ANNEXURE-I)			Rs.		17858.00
TOTAL AMOUNT			Rs.		367858.00
(Rupees Three lakh Sixty Seven Thousand Eight Hundred & Fifty-eight) only					



Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
	C/L of main outer wall				125 mm Partitionwall		Varandah C/L
		4.65			3.375		1.275
		0.8			1.15		0.9
		1.15			1.15	2.3	2.175
		3.45			2.187		
		1.15			1.9		
		1.7			1.387	5.474	
		3.375			11.149		
		1.275					
		2.825					
		3.125					
		23.5					
	X wall	1.25					
Sl.no.							
1	Earth workin excavation						
	250 mm wall						
	1	23.5	0.75	0.7	12.34		
		0.875	0.75	0.7	0.46		
		24.375			12.8	m3	
	125 mm Wall						
		2.625	0.4	0.225	0.24		
	WC	0.4	0.4	0.225	0.04		
	Bath	0.65	0.4	0.225	0.06		
	5.474	0.75		0.225			
		4.724	0.4	0.225	0.43		
	Varanda	1.425	0.4	0.225	0.13		
					0.88		
	Step	0.5	0.9	0.075	0.034		
					13.715	m3	
2	Soling						
		24.375	0.75		18.281		
		11.45	0.4		4.58		
					22.861		
3	Polythene sheet						
		2.575	3.125		8.047		
		2.875	2.625		7.547		
		2	1.65		3.3		
	passage	0.625	2.375		1.484		
	Bath&WC	2.7	0.9		2.43		
	Varndah	1.025	0.6		0.615		
	step	0.9	0.5		0.45		
					23.873		

**DPR for HFA 2017 - 18**



4	Jhama concrete								
			18.28	0.075	1.371				
			4.58	0.075	0.344				
			23.93	0.075	1.795				
					3.51				
5	Earth work in filling 1/5 excavation								
			13.715	5	2.743				
			23.48	0.375	8.805				
					11.548	m3			
6	B.W (6:1) in Foundation of plinth								
		23.5	0.625	14.6875					
		23.5	0.5	11.75					
		23.5	0.375	8.8125					
				35.25	0.15	5.288			
		23.5	0.25		0.525	3.084			
	X wall	0.938	0.625	0.586					
		1	0.5	0.5					
		1.063	0.375	0.399					
				1.485	0.15	0.223			
		1.125	0.25		0.525	0.148			
	125mm	3.125	0.25		0.525	0.41			
	Bath&WC	2	0.9	0.25	0.523	0.235			
	Kit	5.224	0.25		0.525	0.686			
	Vard	1.925	0.25		0.525	0.253			
	Steps	0.5	0.9		0.15	0.068			
		0.25	0.9		0.15	0.034			
						10.427	m3		
7	DPC	23.5							
		1.125							
		24.625		0.25		6.156			
		3.125							
		1.8							
		5.224							
		10.149		0.125		1.269			
						7.425			
	Less	0.9		0.25	0.225				
		0.9		0.125	0.113				
	3	0.75		0.125	0.281				
						0.619			
						6.806	sqm		

DPR for HFA 2017 - 18



8	BW in super structure (6:1)							
		23.5						
		1.125						
		24.625	2.75	0.25	16.93			
	Parapet	23.8	0.075	0.25	0.446			
						17.376		
	Less opens							
	1	0.9	2.1	1.89				
	4	0.9	0.9	3.24				
	1	0.75	0.9	0.675				
	3	0.75	0.75	1.688				
				7.493	0.25	1.873		
	Lintel							
	1	1.525	1.525					
	4	1.2	4.8					
	1	1.05	1.05					
			7.375	0.25	0.1	0.184		
	Wo2							
	1	3.05	3.05	0.25	0.1	0.076		
					(-)	2.134		
	Net brick work						15.242	m3
9	125 th. Brick work (6:1)							
	room		3.125	2.6	8.125			
	kit		2.125	2.75	5.844			
			1.65	2.75	4.5375			
			1.45	2.65	3.8425			
	2		0.9	2.1	3.78			
						26.12875		
	Less opening							
	1	0.9	0.9					
	3	0.75	2.25					
			3.15	2.1	6.615			
	Lintel							
	1	1.3	1.3					
	1	1.025	1.025					
			2.325	0.1	0.2325			
					6.8475			
						19.28125		
	Parapet							
		23.5		0.15	3.525			
					22.806			
	passeege	0.75		0.55	0.4125			
					23.219	sqm		

**DPR for HFA 2017 - 18**



10	Conc M-20								
	Roof slab								
	32.15	1.1475	31.003		0.1	3.1			
	Beam		3.625	0.25	0.15	0.136			
			2.575	0.25	0.1	0.064			
	Lintel						3.301		
	D1	1	1.525	1.525					
	W1	4	1.2	4.8					
	W2	1	1.05	1.05					
	WO2	1	3.05	3.05					
				10.425	0.25	0.1	0.261		
	D1	1	1.39	1.39					
	D2	1	1.025	1.025					
	D2	2	1.4	2.8					
	O2	1	0.875	0.875					
	D2	2		6.09	0.125	0.1	0.076		
	Chaja								
	W1	4	1.2	4.8					
	W2	1	1.03	1.03					
	D1	1	1.275	1.275					
	WO2	1	3.05	3.05					
				10.155	0.3	0.075	0.228		
							3.866	m3	
11	Reinforcement								
		3.866	0.80%	1	7850	0.243	MT		
12	Shuttering								
	31	23.5	1.125						
			24.63	0.25					
	31			6.156	24.844				
	Side beam	2	3.125	0.15	0.9375				
		2	2.325	0.1	0.465				
	side slab	1	25.3	0.1	2.53				
	Lintel	1	0.9	0.25	0.225				
		1	1.525	0.1	0.153				
		1	1.275	0.35	0.446				
		1	0.3	0.05	0.015				
						29.615	sqm		
	4W1	4	0.9	0.25	0.9				
		4	1.2	0.1	0.48				
		4	1.2	0.35	1.68				
	2	4	0.3	0.05	0.12				
	1W2	1	0.75	0.25	0.188				
		1	1.05	0.1	0.105				
		1	1.05	0.35	0.368				

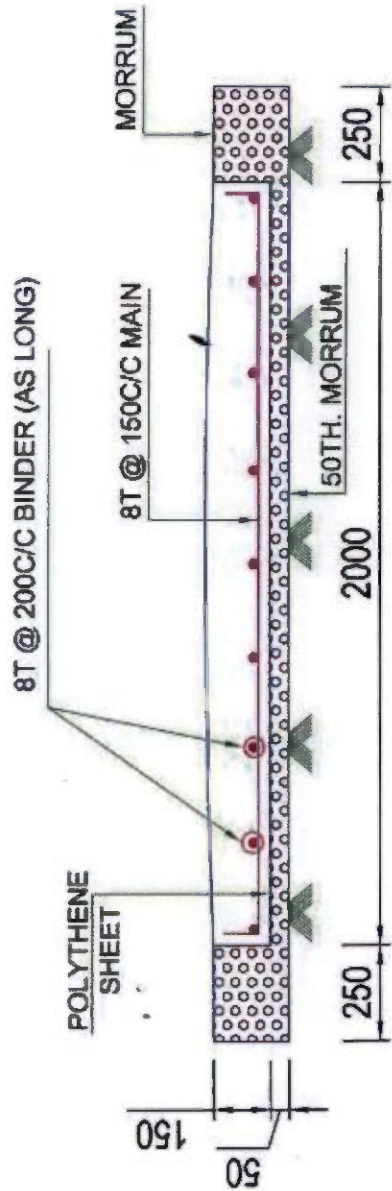
**DPR for HFA 2017 - 18**



	2	1	0.3	0.05	0.03			
	WO2	3	0.75	0.25	0.563			
	1	1	3.05	0.1	0.305			
		1	3.05	0.35	1.068			
	2	1	0.3	0.05	0.03			
	Lintel 125 Wall							
	D1	1	0.9	0.125	0.113			
		2	1.3	0.1	0.26			
	D2	2	0.75	0.125	0.188			
	2	2	1.15	0.1	0.46			
	D2	2	0.75	0.125	0.188			
		2	1.9	0.1	0.38			
						7.423		
						37.038	sqm	
13	Plaster (6:1)							
	Out side 15 mmth.							
			2.85	1.125	0.45			
		25.3			4.425	111.953	sqm	
	Inside 20 mm th.							
	2	2.7	3.125	2.75	32.038			
	2	2.875	2.625	2.75	30.25			
	2	2	1.65	2.75	20.075			
	2	2.075		2.75	11.413			
	Above lintel							
	1	0.75		0.65	0.488			
	Bath							
	2	0.9		2.75	4.95			
	WC							
	1	2.95		2.75	8.113			
	1	2.25		2.75	6.188			
	4	2.2		0.9	7.92			
	T. 125 wall							
	2	0.9		0.125	0.225			
						121.658		
	Open out side less							
	3	0.75		2.1	4.725			
					(-)	4.725		
						116.933	sqm	
	Celling Plaster				24.47			
	Less				1.14			
						23.33	Sqm	

14	Neat cement punning								
	Out side	Plinth							
		25.3	0.45			11.385	Sqm	11.385	
	Inside		2.7	3.125					
		2		5.825	0.1	1.165	Sqm		
			2.875	2.625					
		2		5.5	0.1	1.1	Sqm		
	Kithen		2	1.65					
		2		3.65	0.45	3.285	Sqm		
		1		1.65	0.45	0.743	Sqm		
		2		2.075	0.1	0.415	Sqm		
	Varanda			1.775	0.1	0.178	Sqm		
	step WC	1		3	0.45	1.35	Sqm		
	Bath			3.5	2	7	Sqm		
				0.75	0.1	0.075	Sqm		
	In side punning							15.31	15.31
	Total								26.695 Sqm
15	Art. Stone flooring								
	Floor area					25.37	sqm		
	Step	2	0.9	0.25		0.45			
	W1	4	0.9	0.1		0.36			
	W2	1	0.75	0.1		0.075			
	W3	3	0.75	0.1		0.225			
								26.48	Sqm
16	Ms Clamp for door & window								
	D1+D2	4	6			24			
	W1+W2	5	2			10			
								34	nos.
17	Wood work in Door & window frame								
	D1	2	5.1	10.2					
	D2	2	4.95	9.9					
	W1	4	3.6	14.4					
	W2	1	3.3	3.3					
				37.8	0.075	0.075	0.213		m3
18	Z batten shutter								
	D1	2	0.775	2.025		3.139			
	D2	2	0.625	2.025		2.531			
	W1	4	0.775	0.775		2.403			
	W2	1	0.775	0.625		0.484			
								8.557	sqm
19	Iron Butt Hinges								
	D1+D2					12			
	W1	4	4			16			
	W2	1	4			4			
								32	nos.

20	Iron socket bolt							
	Door			6				
	Window			5				
						11	nos.	
21	White wash							
	Inside+Ceiling Plaster- inside punning							
			116.933	23.33	15.31		124.953	sqm
22	Colour wash							
	Out side Plaster- out side punning							
			111.953	11.385			100.568	sqm
23	Priming on timber surface							
	2	2	0.9	2.1	7.56			
	2	2	0.75	2.1	6.3			
	4	2	0.9	0.9	6.48			
	1	2	0.75	0.9	1.35			
							21.69	sqm
24	Painting best quality on wooden surface							
	same sl.no. 23						21.69	sqm
25	MS ornamental gril....10Kg-16 Kg							
	W1	4	0.75	0.75	2.25			
	W2	1	0.75	0.6	0.45			
					2.7			
						@12Kg/sqm	32.4	Kg
26	Priming on Steel surface						2.7	sqm
27	Painting best quality on steel surface						2.7	sqm
	same sl.no. 24							
28	R.C.C. Shelf							
		1.75	0.5				0.875	sqm
29	Roof treatment with cow dung							
					32.18			
	Deduct	1.14	(varanda)	1.14				
	Cornice	25	0.125	3.125				
				27.915			27.915	sqm



**PRADHAN MANTRI AWAS YOJANA**

HOUSING FOR ALL

OFFICE OF THE CHIEF ENGINEER

MUNICIPAL ENGINEERING DIRECTORATE

GOVT. OF WEST BENGAL

SCALE: 1:50

CONCRETE ROAD  
DRW. NO.

**NOTE :-**

1. ALL DIMENSION ARE IN MM.
2. ALL CONC. M20 GRADE
3. STEEL- Fe 415

*Leptat*

S.A.E.

Haldia Municipality



Name of Work: Probable Estimate for Construction of Reinforced Concrets road per SQM  
Length = 30.0 M, Width = 2.00 M

( The rate are based as per Schedule of rates with latest revision for Building works ( Volume - I ) ( including materials, labour & carriage ) effective from 1st November 2017 and The rate are based as per PWD ( WB) schedule of rates for Road & Bridge works ( Volume - II ) ( including materials, labour & carriage ) effective from 1st Dec 2015 including 11th corrigenda dated - 1st November 2017

NUMBER #	TEXT #	T	NUMBER #	TEXT	NUMBER	NUMBER #	TEXT #
1	2	3	4	5	6	54	55
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT In Rupees	TOTAL AMOUNT In Words	
1	Item No. 1 / P - 2424 04 ( Analysis rate ) Supplying, spreading & consolidating moorum to a depth of 75 mm at desired density & C.B.R. as per specification camber including watering as necessary, lighting, guarding barricading & making earthen bundh where necessary to protect the edge & curing with water for 2 to 3 days, mending cracks by rolling where necessary complete as per specification. (The payment is to made on the basis of the finished compacted volume of moorum)	6.00	Cum	2085.43	12512.5800	INR. Twelve Thousand Five Hundred & Twelve and Paise Fifty Eight Only	

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT in Rupees	TOTAL AMOUNT In Words
1	2	4	5	6	54	55
2	<p>Item No. 2 / Page No. - 42/26 Hire and labour charges for shuttering 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 fittings, 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 height, 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. ) (I) 25 mm to 30 mm shuttering without staging in foundation</p>	9.00	Sq. M	205.00	2029.5000	INR Two Thousand & Twenty Nine and Paise Fifty Only
3	<p>Item No. 3 / Page No. - 47/3 Supplying &amp; laying polythene sheet ( 150 gm / SqM ) over the layer of compacted mororum at starched condition.</p>	69.00	Sq. M	24.00	1656.0000	INR One Thousand Six Hundred & Fifty Six Only
4	<p>Item No. 4 / P - 43/40 Reinforcement for all reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders, etc. 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 16 gauge black annealed wire at every intersection, complete as per drawing and direction. a) For works in foundation, basement and upto roof of ground floor upto 4 m. (i) Tor Steel / Mild Steel (ii) Other than SAIL/TATA/RINL</p>	0.292	MT	56629.00	16243.6680	INR Sixteen Thousand Two Hundred & Forty Three and Paise Sixty Seven Only
5	<p>Item No. 5 / P. - 26/10 / Analysis rate ) Ordinary cement concrete ( max 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. Variety</p>	9.00	Cum	5790.93	52116.3700	INR Fifty Two Thousand One Hundred & Eighteen and Paise Thirty Seven Only
6	<p>GST Item Effect from 01.11.2017 12 % GST on Estimated Cost of SI No- 1 to 5</p>	1.000	Unit	10147.21	10147.2100	INR Ten Thousand One Hundred & Forty Seven and Paise Twenty One Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT in Rupees	TOTAL AMOUNT in Words
1	2	4	5	6	54	55
7	Labour Welfare Contribution (Effect from 01.11.2017). 1% Labour Welfare Cost on Estimated Cost of Sr No -1 to 6	1.000	Unit	947.07	947.0700	INR Nine Hundred & Forty Seven and Paise Seven Only
8	add 3% contingency on Sr no 1 to 6	1.000	Unit	2841.22	2841.2200	INR Two Thousand Eight Hundred & Forty One and Paise Twenty Two Only
<b>Total in Figures</b>					<b>98495.6180</b>	<b>INR Ninety Eight Thousand Four Hundred &amp; Ninety Five and Paise Sixty Two Only</b>

Hence Rate per Sqm area = Rs 98495.67 / 60 = Rs 1641.59 Say Rs 1642.00

Ge. Palit

S.A.E.  
Haldia Municipality

### Calculation Sheet

( For construction of reinforced concrete road per SOM.)  
 Considering Length of road = 30.0 m , Width = 2.00 m

S.A.E. Haldia Municipality	Item No. - 1	Supplying spreading and consolidating moorum to a depth ....of moorum:-
		$30.00 \times ( 2.00 + 2 \times 0.250 ) \times 0.050 = 3.75 \text{ m}^3$ $2 \times 30.00 \times 0.250 \times 0.150 = 2.25 \text{ m}^3$ $\underline{\hspace{1.5cm}} \quad \quad \quad 6.00 \text{ m}^3$
	Item No. - 2	Hire and labour charges for shuttering .....there of :- I) 25 mm to 30 mm .....foundation = $2 \times 30.00 \times 0.150 = 9.00 \text{ m}^2$ $2 \times 2.00 \times 0.150 = 0.90 \text{ m}^2$ $\underline{\hspace{1.5cm}} \quad \quad \quad 9.90 \text{ m}^2$
	Item No. - 3	Supplying and laying polythene sheet .....condition :- $30.00 \times ( 2.00 + 2 \times 0.150 ) = 69.00 \text{ m}^2$
	Item No. - 4	Reinforcement for all reinforce .....and direction :- a) For works in foundation .....upto 4 m (i) Tor steel II) Other than SAIL/ TATA/ RINL 8 mm Tor Main bar @ 150 mm C/C $5 \times 41 \times ( 1.90 + 2 \times 0.050 ) = 410 \text{ m}$ Binder bar @ 200 mm C/C $5 \times 11 \text{ Nos } ( 5.90 + 2 \times 0.050 ) = 330 \text{ m}$ $\underline{\hspace{1.5cm}} \quad \quad \quad 740 \text{ m}$ @ 0.395 kg/ m = 292.30 kg = 0.292 M.T
	Item No. - 5	Ordinary cement concrete ( mix 1: 1.5:3) .....IS codes :- $30.00 \times 2.00 \times 0.150 = 9.00 \text{ m}^3$

*S.A.E.*  
**S.A.E.**  
 Haldia Municipality

Name of Work: Probable Estimate for Laying of HDPE Pipeline  
Length = 250.00 M

NUMBER #	TEXT #	T W E R C O D E	NUMBER #	TEXT	NUMBER	NUMBER	NUMBER #	TEXT	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description		Quantity	Units	Estimated Rate	TOTAL AMOUNT in Rupees	TOTAL AMOUNT in In Words				
1	2	3	4	5	6	54	55				
1	Item No. 1 Supplying and laying of HDPE Pipeline including excavation of trenches as required depth including bailing out water if necessary and supply of all accessories and also necessary testing of pipeline as per direction of E.I.C a) 90 mm dia		100.00	M	509.40	50940.0000	INR Fifty Thousand Nine Hundred & Forty Only				
1 (b)	b) 110 mm dia		100.00	M	689.03	68903.0000	INR Sixty Eight Thousand Nine Hundred & Three Only				
1 (H)	c) 160 mm dia		50.00	M	1276.99	63799.5000	INR Sixty Three Thousand Seven Hundred & Ninety Nine and Paise Fifty Only				
2	Item No. 2 Metallic road crossing ( Bituminous + R.C.C ) through horizontal boring by water Jet System without damaging the existing road. a) 100 mm to 200 mm		4.00	M	4125.00	16500.0000	INR Sixteen Thousand Five Hundred Only				

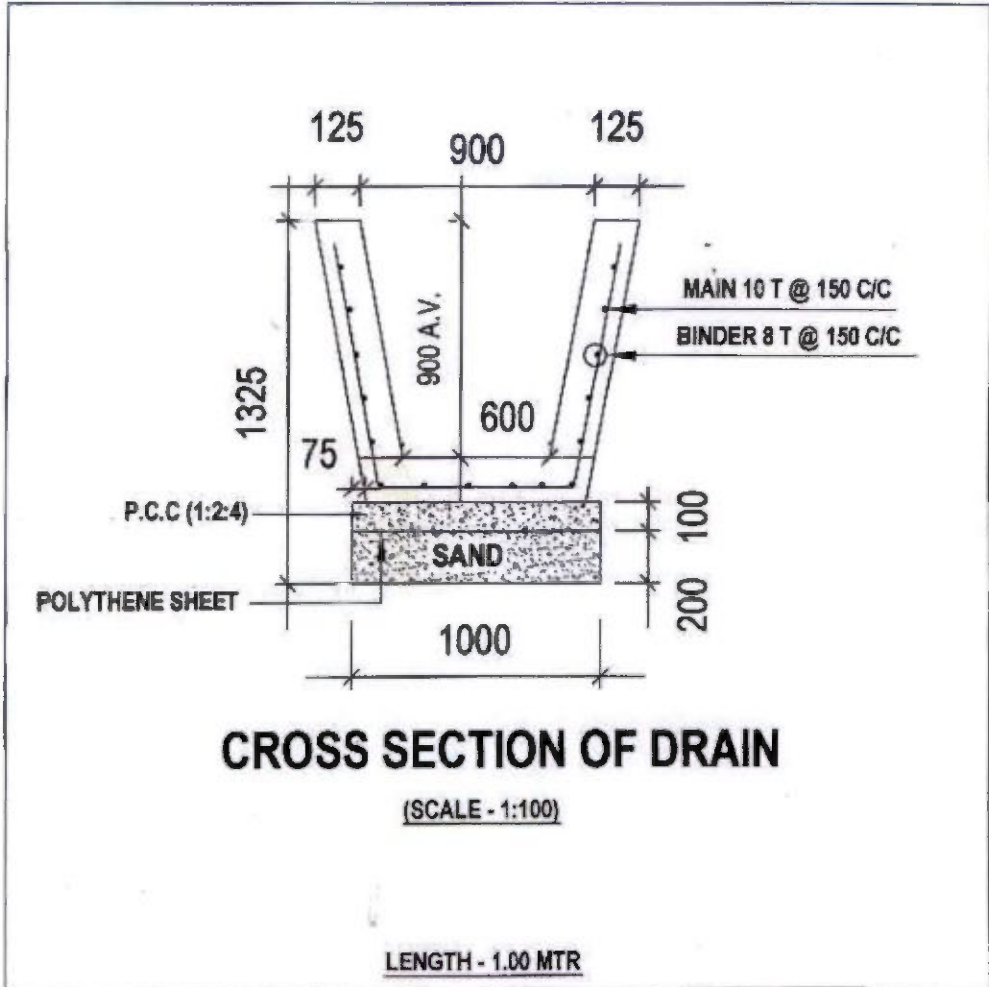
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT In Rupees	TOTAL AMOUNT In Words
1	2	4	5	8	54	55
3	<p>Item No. 3.I.P.-8/B                      C.I. sluice valve with flanged ends drilled to as per I.S. 1356/82 and having all cast iron components as per I.S. 7607/1 solid forged bronze inside screw spindle having ultimate tensile strength not less than 4.72 MT per sq. cm. Spindle nut valve and seal faces of hand wheel resisting, manufactured from best quality gummyal conforming to I.S. 7607/1, painted black all over with asphalt base paint tested to 21 kg (hydraulic pressure) per sq. cm., valve opening to anticlockwise direction, fitted and fixed complete.                      (R) 80 mm dia</p>	1.00	Nos	3657.00	3657.0000	INR. Three Thousand Eight Hundred & Fifty Seven Only
4	<p>Item No. 4 / Page No. - 8/1D                      Sluice valve chamber with C.I. heavy cover with locking arrangement, (weight not less than 25 kg) (size of chamber 480 mm X 600 mm inside upto 900 mm depth) 250 mm thick cement brick walls (6-1), 150 mm thick cement concrete (6.3-1) bed with stone chips, 20 mm thick cement plaster (6-1) for inside wall and 15 mm thick cement plaster (4-1) for outer walls including rounding corners</p>	1.00	Nos	10459.00	10459.0000	INR. Ten Thousand Four Hundred & Fifty Nine Only
5	<p>GST Item (Effect from 01.11.2017)                      12 % GST on Estimated Cost of SI No- 1 to 4</p>	1.000	Unit	25735.02	25735.0200	INR. Twenty Five Thousand Seven Hundred & Thirty Five and Paise Two Only
6	<p>Labour Welfare Cess Item (Effect from 01.11.2017).                      1% Labour Welfare Cess on Estimated Cost of SI No- 1 to 5</p>	1.000	Unit	2401.94	2401.9400	INR. Two Thousand Four Hundred & One and Paise Ninety Four Only
7	<p>add 3% contingency on SI no.1 to 5</p>	1.000	Unit	7205.81	7205.8100	INR. Seven Thousand Two Hundred & Five and Paise Eighty One Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT in Rupees	TOTAL AMOUNT in Words
1		4	5	6	54	55
Total in Figures					249801.2700	INR Two Lakh Forty Nine Thousand Eight Hundred & One and Paise Twenty Seven Only
Hence per metre = Rs 249802.00 / 250 = Rs 999.21						

6.4.2017

S.A.E.  
Haldia Municipality

Haldia Municipality  
S.V.E



**CONSTRUCTION OF CONC. DRAIN CONSIDERING LENGTH 1.00 MTR**

<p><b>NOTES</b></p> <ol style="list-style-type: none"> <li>1. ALL DIMENSION ARE IN MM.</li> <li>2. ALL CONC. M20 GRADE</li> <li>3. STEEL- Fe 415</li> <li>4. SCALE - 1:100</li> </ol>	<p>DRAWING NO. DRAIN AT 900</p> <hr/> <p>DATE - 19.03.2018</p>	<p><b>PRADHAN MANTRI AWAS YOJANA</b></p> <p>HOUSING FOR ALL OFFICE OF THE CHIEF ENGINEER MUNICIPAL ENGINEERING DIRECTORATE GOVT. OF WEST BENGAL</p>
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Maldia Municipality



Name of Work: Probable Estimate for Construction of Reinforced Concrete drain per Metre  
Length = 1.00 M

( The rate are based as per Schedule of rates with latest revision for Building works ( Volume - 1 ) ( Including materials, labour & carriage ) effective from 1st November 2017 )

NUMBER #	TEXT #	T N E R C O D	NUMBER #	TEXT	NUMBER	TOTAL AMOUNT In Rupees	TEXT #
1	2	3	4	5	6	54	55
1	Item Description Item No. 1 / Page No. - 1/2 (a). Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or sloking the spoils within a lead of 75 m, as directed. The item includes necessary firming the sides of trenches, levelling, dressing and ramming the bottom, basing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.		1.33	Cu.m	119.27	158.0328	(INR. One Hundred & Fifty Eight and Paise Three Only
2	Item No. 2 / Page No. - 2/4 (A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)		0.20	Cu.m	543.81	108.7020	(INR. One Hundred & Eight and Paise Seventy Only

Page 1 of 4

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT IN Rupees	TOTAL AMOUNT In Words
1	2	4	5	6	54	55
3	Item No. 3 / Page No. - 47/3 Supplying & laying polythene sheet ( 150 gm. / Sq.M. ) over the layer of compacted morum at starched condition.	1.20	Sq. M	24.00	28.8000	INR Twenty Eight and Paise Eighty Only
4	Item No. 4 / P. - 24/4 Ordinary Cement concrete ( mix 1:2:4) with graded stone chips ( 20 mm nominal size ) excluding shuttering and reinforcement , if any, in ground floor as per relevant IS codes. is) Pakur Variety	0.10	Cu.m	5235.34	523.5340	INR Five Hundred & Twenty Three and Paise Sixty Three Only
5	Item No. 5 / Page No. - 20/10. (I.I. Analysis rate ). Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes (i) Pakur Variety	0.33	Cu.m	5790.93	1916.7978	INR One Thousand Nine Hundred & Sixteen and Paise Eighty Only
5	Item No. 5 / Page No. - 43/40. (II) Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc 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 16 gauge black annealed wire at every intersection, complete as per drawing and direction. (a) For works in foundation and upto roof of ground floor upto 4 m (b) For steel/Mild Steel II. Other than SAIL/TATA/RINL	0.02	M.T	55823.00	1112.5800	INR One Thousand One Hundred & Twelve and Paise Fifty Eight Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL Amount Rupees	TOTAL AMOUNT In Words
1	2	4	5	6	54	55
7	<p>Item No. 7 / P - 1/3                      Earth work in filling in foundation trenches or plinth with good earth. in layers not exceeding 150 mm. including watering and raming etc. layer by layer complete. ( Payment to be made on basis of measurement of finished quantity of work )                      a) With earth obtained from excavation of foundation.</p>	1.33	Cu.m	77.54	102.7405	INR One Hundred & Two Hundred & Eighty Four Only
8	<p>Item No. 8 / Page No. - 42/35.(c).                      Hire and labour charges for shuttering with centering 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 and 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 height 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)                      (c) Steel shuttering of 8 to 12 mm thick approved quality ply board shuttering in any concrete work</p>	3.85	Sq. M	359.00	1382.1500	INR One Thousand Three Hundred & Eighty Two and Paise Fifteen Only
9	<p>GST Item (Effect from 01.11.2017)                      12 % GST on Estimated Cost of SI No- 1 to 8</p>	1.000	Unit	640.01	640.0100	INR Six Hundred & Forty and Paise One Only
10	<p>Labour Welfare Cess Item (Effect from 01.11.2017).                      1% Labour Welfare Cess on Estimated Cost of SI No -1 to 9</p>	1.000	Unit	59.73	59.7300	INR Fifty Nine and Paise Seventy Three Only
11	<p>add 3% contingency on SI no. 1 to 9</p>	1.000	Unit	179.20	179.2000	INR One Hundred & Seventy Nine and Paise Twenty Only

Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT in Rupees	TOTAL AMOUNT in Words
1	2	4	6	6	54	55
Total in Figures					6212.3771	INR Six Thousand Two Hundred & Twelve and Paise Thirty Eight Only

Hence rate per metre = Rs 6212.38

*S. Palit*  
S.A.E.  
Haldia Municipality

### Calculation Sheet

(For Construction of concrete Drain)

Considering Length = 1.00 m

- Item No. - 1 Earth work in excavation ---- complete:-  
 (a) Depth ---- 1500 mm  
 $1 \times 1 \times 1.325 = 1.325 \text{ m}^3$
- Item No. - 2 Filling in foundation or Plinth ----- sand  
 $1 \times 1 \times 0.2 = 0.2 \text{ m}^3$
- Item No. - 3 Polythene Sheet  
 $1.2 \times 1 = 1.2 \text{ m}^2$
- Item No. - 4 Ordinary C.C (mix 1:2:4)----- IS codes  
 (a) Pakur Variety  
 $1 \times 1 \times 0.1 = 0.1 \text{ m}^3$
- Item No. - 5 Ordinary C.C (mix 1:1.5:3)----- IS codes  
 (i) Pakur Variety  
 $1 \times 0.85 \times 0.125 = 0.106 \text{ m}^3$   
 $2 \times 1 \times 0.9 \times 0.125 = 0.225 \text{ m}^3$   
 $0.331 \text{ m}^3$
- Item No. - 6 Reinforcement ----- and direction :-  
 (a) For works ----- upto 4 m  
 i) Tor steel  
 Other than SAIL/TATA/RINL  
 Main bar 10 mm Tor @ 150 mm C/C & binder bar 8 mm Tor @  
 150 mm C/C  
 Main -  $2.55 \times 8 \times 0.62 \text{ kg/m} = 12.65 \text{ kg}$   
 Binder -  $18 \times 1 \times 0.395 \text{ kg/m} = 7.11 \text{ kg}$   
 $19.76 \text{ kg}$  Say 0.02 M.T
- Item No. - 7 Earth work in filling ----- foundation :-  
 (a) with earth ----- foundation  
 $2/3 \times 1.325 = 0.88 \text{ m}^3$
- Item No. - 8 Hire and ----- floor  
 (c) Steel shuttering ----- or 9 to 12 mm  
 $2 \times 1 \times 1.025 = 2.05 \text{ m}^2$   
 $2 \times 1 \times 0.9 = 1.80 \text{ m}^2$   
 $3.85 \text{ m}^2$

*S.A.E.*  
 S.A.E.  
 Haldia Municipality

ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER HFA					
(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 1 ; 1KV grade single core stranded FR PVC insulated & unseathed single core stranded Copper wire (Finolex make) 2 x 2.5 sqmm (PH & N) +1x1.5 sqmm (ECC) per laid polythene pipe and by the prelaid GI fish wire & making necessary connections as required.	RM	76.00	50.00	3800.00
3	Concealed Distribution wiring in in 2x1.5 sqmm single core standard *FR* insulated and unseathed cop per wire Finolex make & 1x1.5 sq mm single core stranded PVC insulated and unseathed cop per (Finolex make) wire used as ECC in 19 mm bore 3 mm thk. polythene pipe complete with all accessories embedded in wall smooth run to light / fan/call bell point with piano key type switchb (6 Amps) (Anchor make) fixed on sheet metal (16 SWG) Switch Board with bakelite/ perspex (wall matching colour) Top cover (3 mm thick) flushed in wall including mending all good damages to original finish Average per point 6.00 mt.	points	828.00	10.00	8280.00
4	Deistribution concealed wiring with 2x1.5 sq mm (PH & N ) single core stranded FR PVC insulated & unseathed single core 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 switch (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 strtded FR PVC insulated & unseathed single core stranded cu Wire 3x2.5 sq mm (finolex make) in the prelaid polythene pipe & by the prelaid GI fishwire & making necessary connection as required (CESC supply to consumer DP near to CESC & inside the room another DP near CESC & inside the room another DP of dwelling units)	RM	86.00	15.00	1290.00

**DPR for HFA 2017 - 18**

Sl.No.	Item of works	Unit	Rate	Quantity	Amount
6	Supplying Delivery & instalation on wall of 30/32 amp DP MCB of Havel's make with enclosed box along with all its necessary 1 connection complete.(Anchor)	nos	808.00	2	1616.00
7	Earthing in soft soil with 50 mm dia GI pipe (TATA make Medium ) 3.64 mm th. X 3.04 Mtr long and 1 x 4 SWG GI ( hot dip) wire (4 m long) 13 mmdia x 80 mm long GI bolts, double nuts, double washer including S & F 15 mm dia GI protection (1 mtr long) to be filled with bitumen partlyunder the ground level & partly above GL driven to an average depth of 3.65 m below the GL & restoring surface duly rammed.	each	1715.00	1	1715.00
8	Connecting the equipment to earth BUSbar inclusive S&F 10 SWG (Hot Dip) GI wire on wall /floor with a staples buried inside wall /floor as required & making connection to equipments with bolt, nut, washer, cable lugs etc. as required & mending good damages.	M	6.00	5	30.00
			TOTAL		17858.00
(Rupees Seventeen Thousand Eighty Hundred Fifty Eight ) Only					17858.00

## 18. Slum Wise Details of DU and Infrastructure Cost of 2015-16

Slum No.	Name of Slum	Slum Code	Area Sq. Mtr..	Popu- lation	Dwelling Units (@ of Rs. 3.67858 Lakh each)		Concrete Roads (@ of Rs. 0.01515 Lakh/Sqm.)	
					Qty.	Amt. (In Lakhs) Rs.	Qty. (Sqm.)	Amt. (In Lakhs)
002	Mohammadpur	002	9900	195	4	14.71432	-	-
003	Amlat Das Pally	003	6500	85	1	3.67858	400.00	6.06
004	Sutahata Barman Pally	004	7400	281	2	7.35716	-	-
005	Basulia -I	005	38200	350	2	7.35716	430.00	6.5145
006	Basulia -II	006	11700	231	4	14.71432	400.00	6.06
007	Jagannathpur	007	48000	141	4	14.71432	-	-
009	Nandarampur	009	5000	262	6	22.07148	-	-
010	Purba Srikrishnapur	010	2500	206	3	11.03574	-	-
011	Bhagyabantapur Paschim Khalpar Basti	011	75000	560	6	22.07148	400.00	6.06
015	Champi Dakshin Pally Basti	015	60000	268	2	7.35716	-	-
016	Birinchiberia Basti	016	32000	158	2	7.35716	-	-
019	Basudevpur Muslim Basti	019	12500	248	5	18.3929	430.00	6.5145
020	Basudevpur Samanta Para	020	22900	305	2	7.35716	-	-
021	Ramnagar Mondal Para	021	17000	173	1	3.67858	420.00	6.363
022	Ramnagar Brahman para	022	29700	197	1	3.67858	400.00	6.06
024	Ramnagar Das Para	024	400000	125	1	3.67858	-	-
026	Purba Raghunathchak Bala Para	026	10200	70	1	3.67858	430.00	6.5145
027	Jagannathchak Samanta Para	027	2100	104	2	7.35716	-	-
028	Ramnagar Paschim Naskar Para	028	16400	67	6	22.07148	400.00	6.06
029	Ramnagar Paschim Manna Para	029	5500	177	2	7.35716	-	-
030	Purba Raghunathchak Karan Para	030	5500	172	1	3.67858	-	-
037	Purba Ramnagar Muslim Para	037	25000	402	2	7.35716	420.00	6.363
038	Jhikurkhali Purba Pally	038	350000	826	5	18.3929	400.00	6.06
039	Jhikurkhali Das Para	039	42300	206	1	3.67858	430.00	6.5145
040	Salukkhali Dakshinpally	040	12600	180	4	14.71432	-	-
041	Salukkhali Uttarpally	041	22800	477	8	29.42864	-	-
042	Rupnarayanchak Mondalpara	042	22800	313	5	18.3929	432.00	6.5448
043	Jhikurkhali Paschim Para	043	22000	899	5	18.3929	-	-
044	Jhikurkhali Dhakshin Pally	044	12000	301	2	7.35716	-	-
045	Kumarchak Sk Para	045	12300	177	2	7.35716	425.00	6.43875
046	Kumarchak Mondal Para	046	12000	192	4	14.71432	-	-
047	Kumarchak Brahaman Para	047	11000	257	2	7.35716	-	-
048	Kumarchak Khalua Para	048	37300	172	2	7.35716	400.00	6.06
049	Kumarchak Purbapara	049	20000	418	3	11.03574	425.00	6.43875
052	Basudevpur Khalpar	052	25000	348	2	7.35716	-	-
116	Godown side Basti	116	10000	325	1	3.67858	-	-
053	Uttar Durgachak Daspara	053	10800	170	8	29.42864	435.00	6.59025
054	Khalpar Basti	054	8000	255	7	25.75006	-	-
117	CPT Market Bazar Basti	117	8000	482	1	3.67858	-	-
055	Durgachak G Block Basti	055	12500	395	10	36.7858	435.00	6.59025
056	New Colony Khalpar Dakshin Basti	056	15000	234	7	25.75006	420.00	6.363



**DPR for HFA 2017 - 18**



057	New Colony Khalpar Uttar Basti	057	5000	370	2	7.35716	-	-
059	Khanjanchak Khalpar	059	10100	89	8	29.42864	423.00	6.40845
061	Khanjanchak Maji Para	061	10000	202	18	66.21444	400.00	6.06
121	Basudevpur	121	10000	101	1	3.67858	-	-
064	Tentulberia Dakshin Colony	064	8300	191	3	11.03574	420.00	6.363
127	HPL Link Road slum	127	1500	64	1	3.67858	-	-
066	Sukantanagar Colony Jhupri	066	56000	168	2	7.35716	-	-
068	Debhog Ghowasmi Pally & Uttar Pally	068	100000	145	6	22.07148	430.00	6.5145
069	Geondab Muslmpally Uttar	069	86000	375	1	3.67858	400.00	6.06
070	Geondab Colony & Muslim Para	070	75000	508	1	3.67858	-	-
071	Geondab Paschim Para	071	80000	623	3	11.03574	-	-
072	Solat Kar Para	072	85000	251	1	3.67858	-	-
074	Bhownipur Mallik & Sha para	074	70000	375	2	7.35716	-	-
075	Bhownipur Khalpar	075	68000	183	1	3.67858	-	-
076	Bhownipur Maszid Para	076	75000	156	1	3.67858	420.00	6.363
077	Dighasipur Colony (Azhar)	077	91000	181	1	3.67858	440.00	6.666
078	Digrasipur Uttar Fakirpara	078	6100	154	1	3.67858	-	-
081	Dighasipur Colony Tanti Pally	081	10000	80	3	11.03574	-	-
083	Dighasipur Colony Purba Pally	083	40000	96	1	3.67858	420.00	6.363
084	Dighasipur Colony Das Pally	084	35000	186	1	3.67858	-	-
086	Dighasipur Colony Dai Sea Pally	086	40000	170	2	7.35716	-	-
087	Monichak Muslmpally	087	9600	141	1	3.67858	438.00	6.6357
088	Chakdwipa Muslmpally	088	21500	228	6	22.07148	-	-
089	Chakdwipa Purba Kumar Para	089	20400	141	5	18.3929	-	-
090	Barsautanchak Bera & Jana Para	090	23200	340	8	29.42864	440.00	6.666
091	Barghasipur Bera Pally & Gayen Pally	091	22500	205	1	3.67858	-	-
092	Monichak Dakshin Para	092	21000	164	1	3.67858	-	-
093	Banamalichak Jela Para	093	89300	320	2	7.35716	430.00	6.5145
128	Balughata Itbhata Jhupri	128	100000	79	7	25.75006	-	-
129	Banbishnupur Itbhata Jhupri	129	93000	60	6	22.07148	-	-
130	Rayrayanchak Dakshin Ferryghat Jhupri	130	700	233	5	18.3929	-	-
131	Rayrayanchak HREL Gate-2 Basti	131	950	301	12	44.14296	-	-
099	Barghasipur Seth Pally	099	85000	133	2	7.35716	-	-
100	Barghasipur Gayen Para	100	17400	40	1	3.67858	-	-
132	Bhowanipur Culvert colony	132	70000	30	2	7.35716	440.00	6.666
101	Manna Pally	101	1020	79	2	7.35716	-	-
102	Gandhinagar C Block Basti	102	7100	320	1	3.67858	-	-
103	Gandhinagar F Block Muslim Para	103	6400	180	3	11.03574	-	-
105	ChaktarawanDakshinpally	105	7100	676	12	44.14296	-	-
142	Hatiberia Bisayee Para & Kuity Para	142	1250	91	1	3.67858	420.00	6.363
143	Chaktarawah Madhyam Pally	143	2980	355	1	3.67858	-	-
145	Duttarchak Khalpar Basti	145	1200	147	3	11.03574	-	-
147	Matangini Basti	147	1460	247	3	11.03574	-	-
148	Sector 17 Basti Para	148	680	114	1	3.67858	-	-
106	Kshudiramnagar Baishaki Block	106	95000	150	2	7.35716	-	-
107	Kshudiramnagar Pousali Block	107	80000	150	1	3.67858	-	-
108	Kshudiramnagar Haimanti Block	108	50000	147	3	11.03574	-	-

**DPR for HFA 2017 - 18**

109	Pitambarchak & Radhaballavchak Colony	109	150000	435	15	55.1787	400.00	6.06
110	Rajarchak Basti	110	16200	855	4	14.71432	400.00	6.06
111	Brajanathchak Uttar- 1	111	2000	133	3	11.03574	-	-
112	Brajanathchak Uttar- 2	112	14100	329	2	7.35716	-	-
113	Brajanathchak Uttar Paschim- 1	113	53500	160	5	18.3929	-	-
114	Brajanathchak Uttar Paschim- 2	114	3000	96	1	3.67858	-	-
		N.S.			266	<b>978.50228</b>	-	-
				<b>Total</b>	<b>587</b>	<b>2159.32646</b>	<b>14253.00</b>	<b>215.93295</b>

**HFA PoA of Haldia Municipality :**

**HFA Under Pradhan Mantri Awas Yojana**

**Year of Implementation : 2017-18**

**Name of the City : Haldia Municipality**

**Infrastructure Cost**

SL. NO	DESCRIPTION OF WORK	QUANTITY	UNIT	RATE PER UNIT	TOTAL COST (In Lacs)
<b>1</b>	<b>Roads (A)</b>				
i	RCC Roads	9000	Sqm	1642	147.78
<b>Total Road Cost (Sub Total)</b>					<b>147.78</b>

SL. NO	DESCRIPTION OF WORK	QUANTITY	UNIT	RATE PER UNIT	TOTAL COST (In Lacs)
<b>2</b>	<b>HDPE Pipeline (A)</b>				
i	HDPE Watersupply Pipeline	4532.50	Mtr	999.21	45.29
<b>Total Road Cost (Sub Total)</b>					<b>45.29</b>

SL. NO	DESCRIPTION OF WORK	QUANTITY	UNIT	RATE PER UNIT	TOTAL COST (In Lacs)
<b>2</b>	<b>Drain (A)</b>				
i	RCC Drain	1335	Mtr	6212.38	82.93
<b>Total Road Cost (Sub Total)</b>					<b>82.93</b>

**Sub Total (A) = 147.780 + 45.29+ 82.93 = 276.00 Lakhs**

SL. NO	DESCRIPTION OF WORK	QUANTITY	UNIT	RATE PER UNIT	TOTAL COST (In Lacs)
<b>1</b>	<b>Dwelling Unit (B)</b>				
i	Beneficiary led Construction	750	Units	3.68	2760.00
<b>Total Dwelling Unit Cost (Sub Total)</b>					<b>2760.00</b>

<b>Sub Total of (A)+(B) =</b>	<b>Rs. 276.00 + Rs. 2760.00 = Rs. 3036 Lakhs.</b>
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<b>Total Amount is Rs. 30,36,00,000.00</b>
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20. Implementation Schedule 2015-16

Implementation Schedule 2015-16

Sl. No.	Activity	January				February				March			
		1st Week	2nd Week	3rd Week	4th Week	1st Week	2nd Week	3rd Week	4th Week	1st Week	2nd Week	3rd Week	4th Week
		1	Invitation & Finalization of Tenders	█									
2	Housing Blocks												
2.1	Single storied DU including S & P, Elec.			█									
3	Road												
3.1	2.0 m wide CC Road						█						

## 21. Fund Flow Pattern

FUND FLOW PATTERN

Rupees in lakhs

NAME OF THE SCHEME	ESTIMATED COST	YEAR 2015-16				TOTAL
		GOI	GOWB	ULB	Beneficiaries	
PMAY Project, Haldia Municipality	3036.00	1125.00	1585.50	138.00	187.50	3036.00

PHASING OF FUND

Rupees in Lakhs

YEAR 2017-18	RELEASE OF FUND				
	GOI	GOWB	ULB	Beneficiaries	TOTAL
1st Installment @ 40%	450.00	634.2	55.2	187.50	1214.4
2nd Installment @ 40%	450.00	634.2	55.2		1214.4
3rd Installment @ 20%	225.00	317.1	27.6		607.2
<b>TOTAL</b>	<b>880.50</b>	<b>1585.50</b>	<b>138.00</b>	<b>187.50</b>	<b>3036.00</b>

REQUIREMENT OF FUND

Rupees in lakhs

SL. NO	NAME OF THE SCHEME	YEAR 2017-18	TOTAL
1	PMAY Project, Haldia Municipality	3036.00	3036.00
<b>Total</b>		<b>3036.00</b>	<b>3036.00</b>

## 22. Executive Summary :

Executive SummaryProject Details

1	State	:	West Bengal
2	City	:	Haldia Municipality
3	Project Name	:	Pradhan Mantri Awas Yojana Housing for All (Urban)
4	Project Cost	(Rs. In Lacs) :	3036.00
5	Central Share	(Rs. In Lacs) :	1125.00
6	State Share	(Rs. In Lacs) :	1585.50
7	ULB Share	(Rs. In Lacs) :	138.00
8	Beneficiary Share	(Rs. In Lacs) :	187.50
9	Total Infrastructure cost	(Rs. In Lacs) :	276.00
10	Percentage of Infrastructure cost of Housing Cost	:	10.00 %
11	Infrastructure cost per dwelling unit	(Rs. In Lacs) :	0.3679
12	Year of Implementation	:	2017-18
13	Component Housing construction	:	Beneficiary Led Construction (BLC)
14	SOR Adopted	:	PWD (WB) w.e.f 1.7.14 with current corrigendum.

**Project Contributions (Physical + Financial) (Rs. In lacs)**

Sl. No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share (@ Rs. 1.5 Lac/D.U.)	State Govt. Share (@Rs.1.93L ac/D.U.)	ULB Share	Beneficiaries Share (@ Rs. 0.25 Lac/D.U.)
<b>A. HOUSING</b>											
1	New in- situ										
	Single storied units	750	Nos.		368000.00	2760.00	2760.00	1125.00	1447.50	0.00	187.50
	<b>Total Housing Cost Sub Total (A)</b>					<b>2760.00</b>	<b>2760.00</b>	<b>1125.00</b>	<b>1447.50</b>	<b>0.00</b>	<b>187.50</b>

<b>B. INFRASTRUCTURE</b>											
Sl. No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share (in lakh)	State Govt. Share (@ 50%) (in lakh)	ULB Share (@ 50%) (in lakh)	Beneficiaries Share (in lakh)
<b>1</b>	<b>Roads</b>										
i	RCC Roads	Cement Concrete	9000	Sq. m	1642.00	147.78	147.78	0.00	73.89	73.89	0.00
<b>2</b>	<b>Water supply</b>										
ii.	HDPE Pipeline	Water supply pipeline	4532.50	Mtr	999.21	45.29	45.29	0.00	22.645	22.645	0.00
<b>3</b>	<b>Drain</b>										
iii.	Drain	RCC Drain	1335	Mtr	6212.38	82.93	82.93	0.00	41.465	41.465	0.00
<b>Total Infrastructure Cost Sub Total (B)</b>						<b>276.00</b>	<b>276.00</b>	<b>0.00</b>	<b>138.00</b>	<b>138.00</b>	<b>0.00</b>
<b>Grand Total (A+B)</b>						<b>3036.00</b>	<b>3036.00</b>	<b>1125.00</b>	<b>1585.50</b>	<b>138.00</b>	<b>187.50</b>
<b>Ratio of Housing to Infrastructure (A/B)</b>						<b>10.00</b>	<b>10.00</b>				

  
 Asstt. Engineer  
 Haldia Municipality

Signature of the ULB Level Competent Technical officer

Name & Designation: Milan Ray  
 Chowdhury, Assistant Engineer

Address: Haldia Municipality

Fax No: + 91-03224 - 252154

Telephone No.: + 91-03224 - 252997

Mobile No.: 9231898929

E-mail: milan2006jucivil@gmail.com

Signature of the State Level Competent Technical Officer

Name & Designation: Amit Das, Chief Engineer,  
 Municipal Engineering Dte, Govt. of West Bengal

Address: Bikash Bhawan, South Block, 1St Floor, Salt lake, Kolkata - 7000 91

Fax No: +91- 33- 23375474

Telephone No.: +91-33-23371331

Mobile No.: (0)9475825219

E-mail: ce\_medte@yahoo.com

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

Address: State Urban Development Agency

Fax No: 91-33-23585767

Telephone No: + 91-33-23585767

Mobile No.: (0) 9830031488

E-Mail: wbsudadir@gmail.com

Signature of the Chairman, Haldia Municipality  
 Name & Designation:

  
 Chairman  
 HALDIA MUNICIPALITY

Address : City Centre, Debhog, Purba Medinipur.

Fax No. : 03224 - 252154

Telephone No. : 03224 - 252996

Mobile No. : 9434940619

E-mail No. : hald\_muni@yahoo.com.

# PMAY (HFA- 2022)

## BENEFICIARY LIST

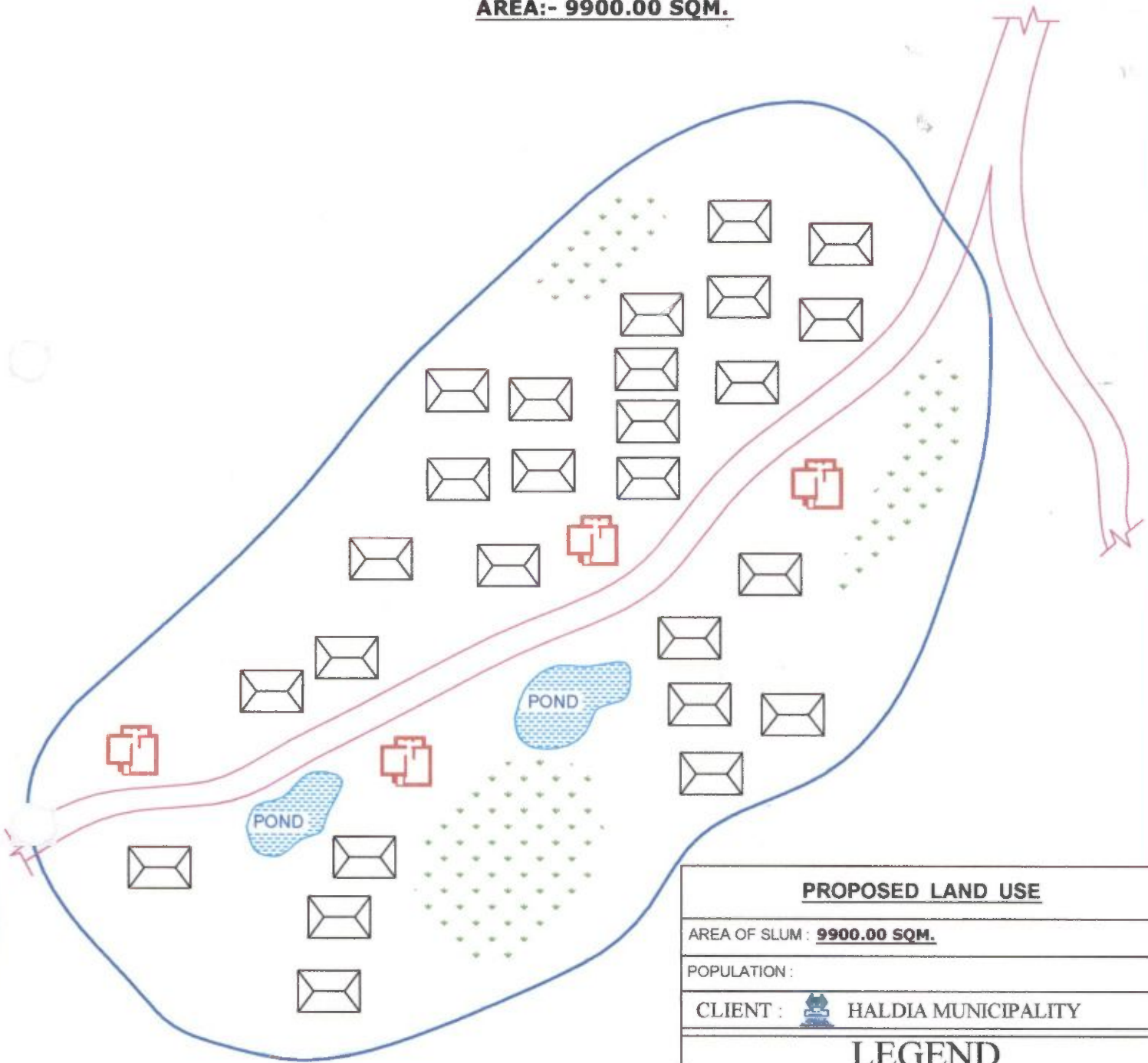
### FOR THE YEAR - 2017-18







Ward No	No of Beneficeries
1	27
2	29
3	28
4	26
5	25
6	29
7	25
8	28
9	26
10	27
11	25
12	24
13	27
14	29
15	29
16	28
17	25
18	29
19	28
20	26
21	25
22	24
23	26
24	29
25	27
26	29
27	0
28	27
29	23
<b>TOTAL</b>	<b>750</b>



**HALDIA MUNICIPALITY**

**WARD NO - 01**  
**MOHAMMADPUR**  
**SLUM NO:- 002**  
**AREA:- 9900.00 SQM.**

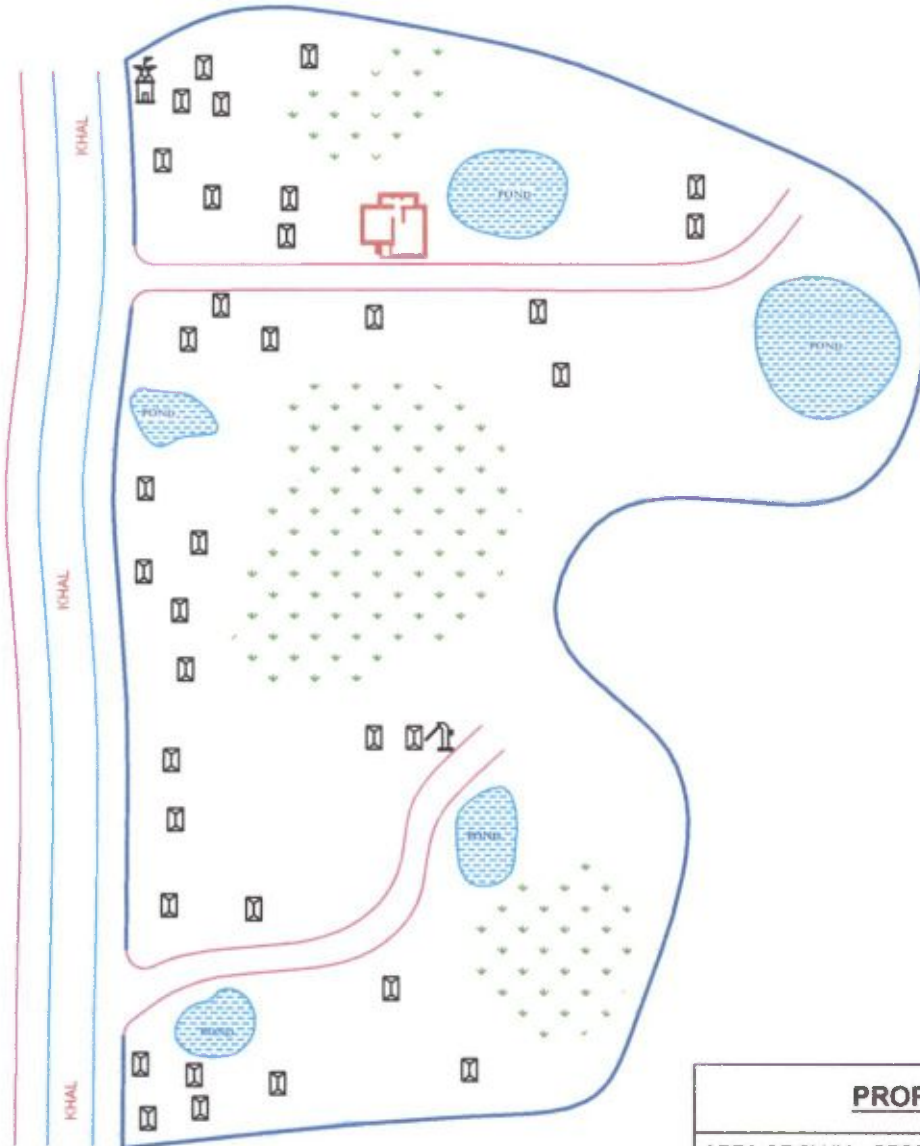


<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>9900.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			4
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			4

**HALDIA MUNICIPALITY**



**WARD NO - 01**  
**AMLAT DAS PALLY**  
**SLUM NO:- 003**  
**AREA:- 6500.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **6500.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

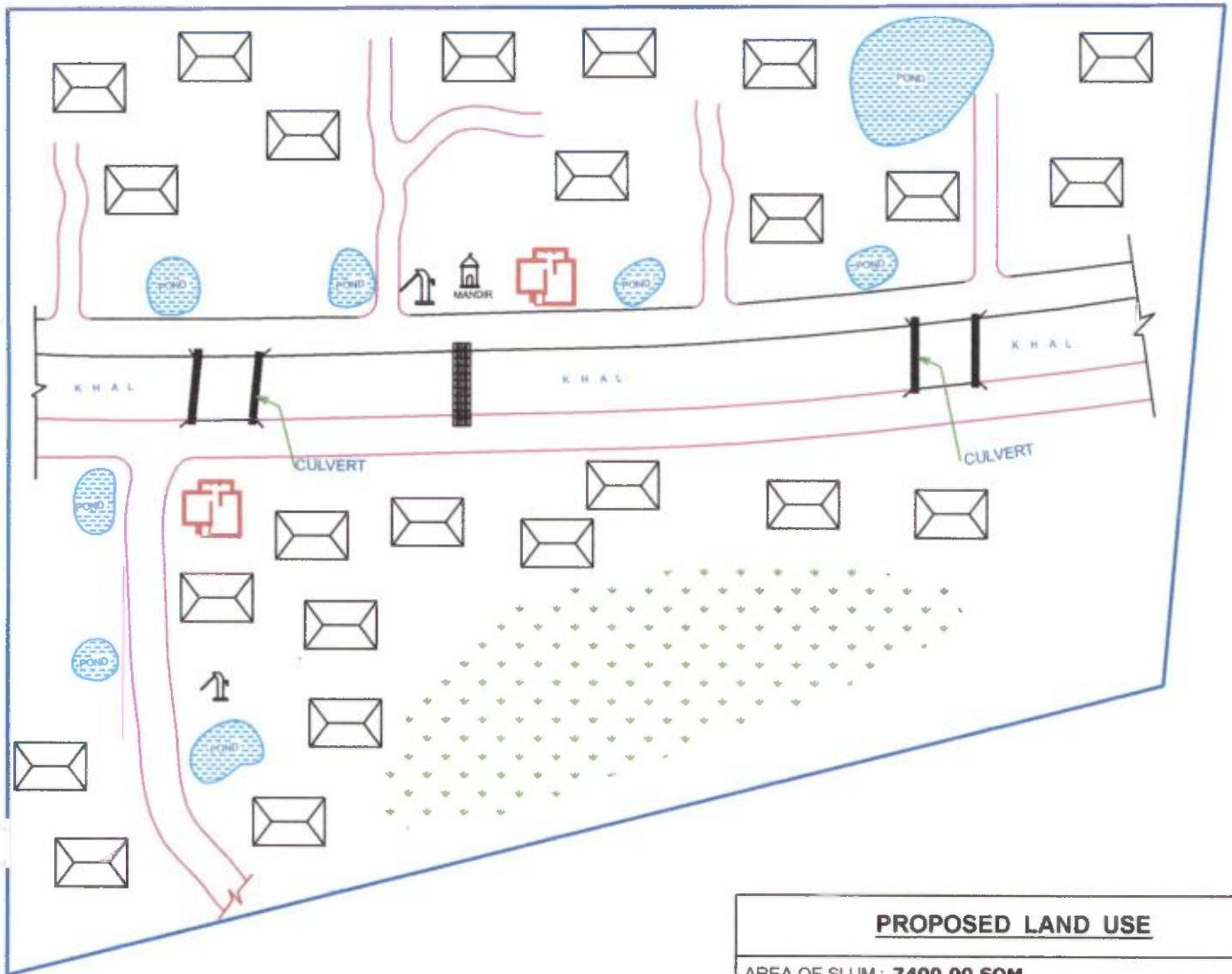
**LEGEND**







ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1

**HALDIA MUNICIPALITY**



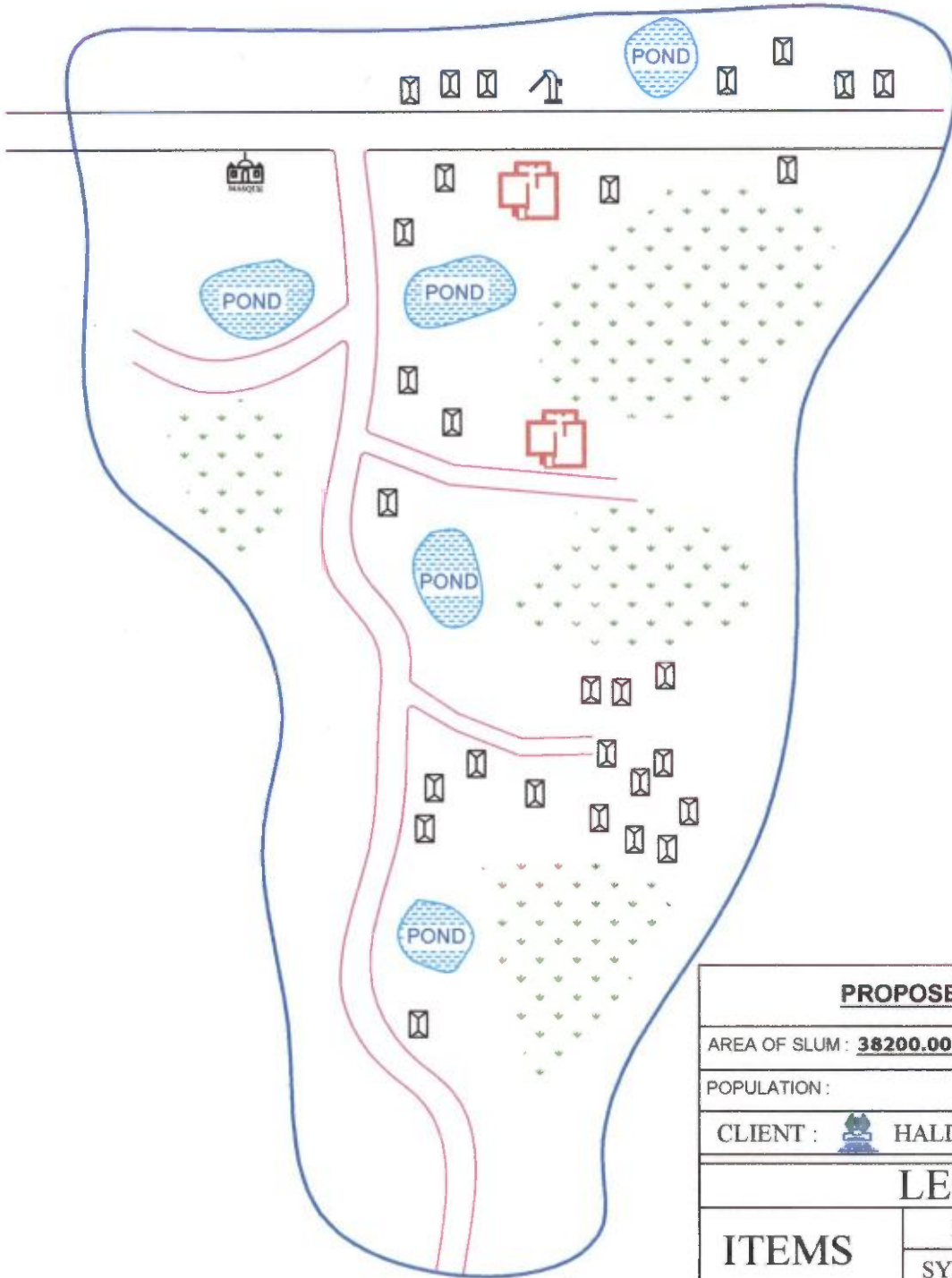
**WARD NO - 01**  
**SUTAHATA BARMAN PALLY**  
**SLUM NO:- 004**  
**AREA:- 7400.00 SQM.**



<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>7400.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**

**WARD NO - 02**  
**BASULIA- I**  
**SLUM NO:- 005**  
**AREA:- 38200.00 SQM.**



<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>38200.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

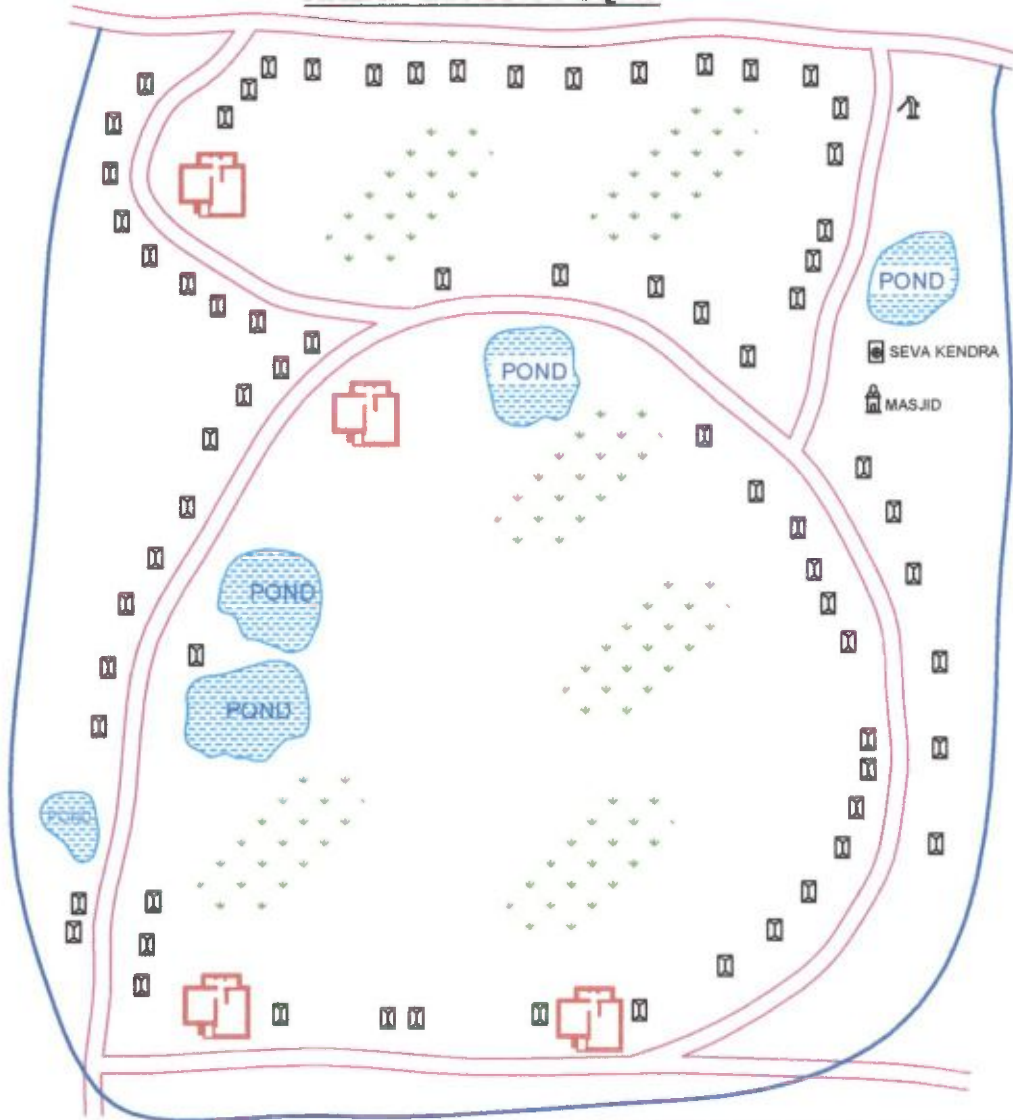
**HALDIA MUNICIPALITY**

**WARD NO - 02**

**BASULIA- II**

**SLUM NO:- 006**

**AREA:- 11700.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **11700.00 SQM.**

POPULATION :

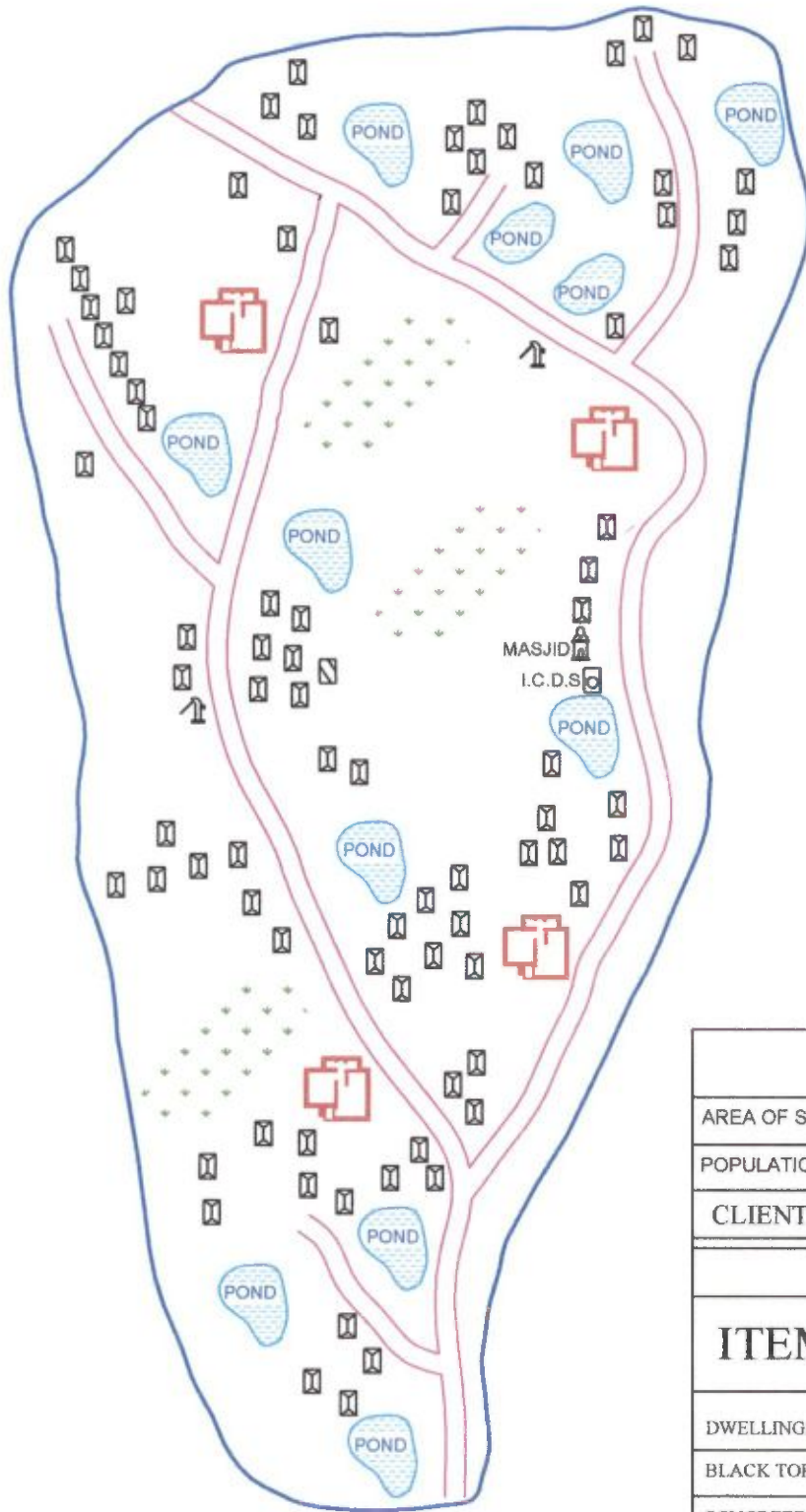
CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			4
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			4

**HALDIA MUNICIPALITY**

**WARD NO - 02**  
**JAGANNATHPUR**  
**SLUM NO:- 007**  
**AREA:- 48000.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **48000.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

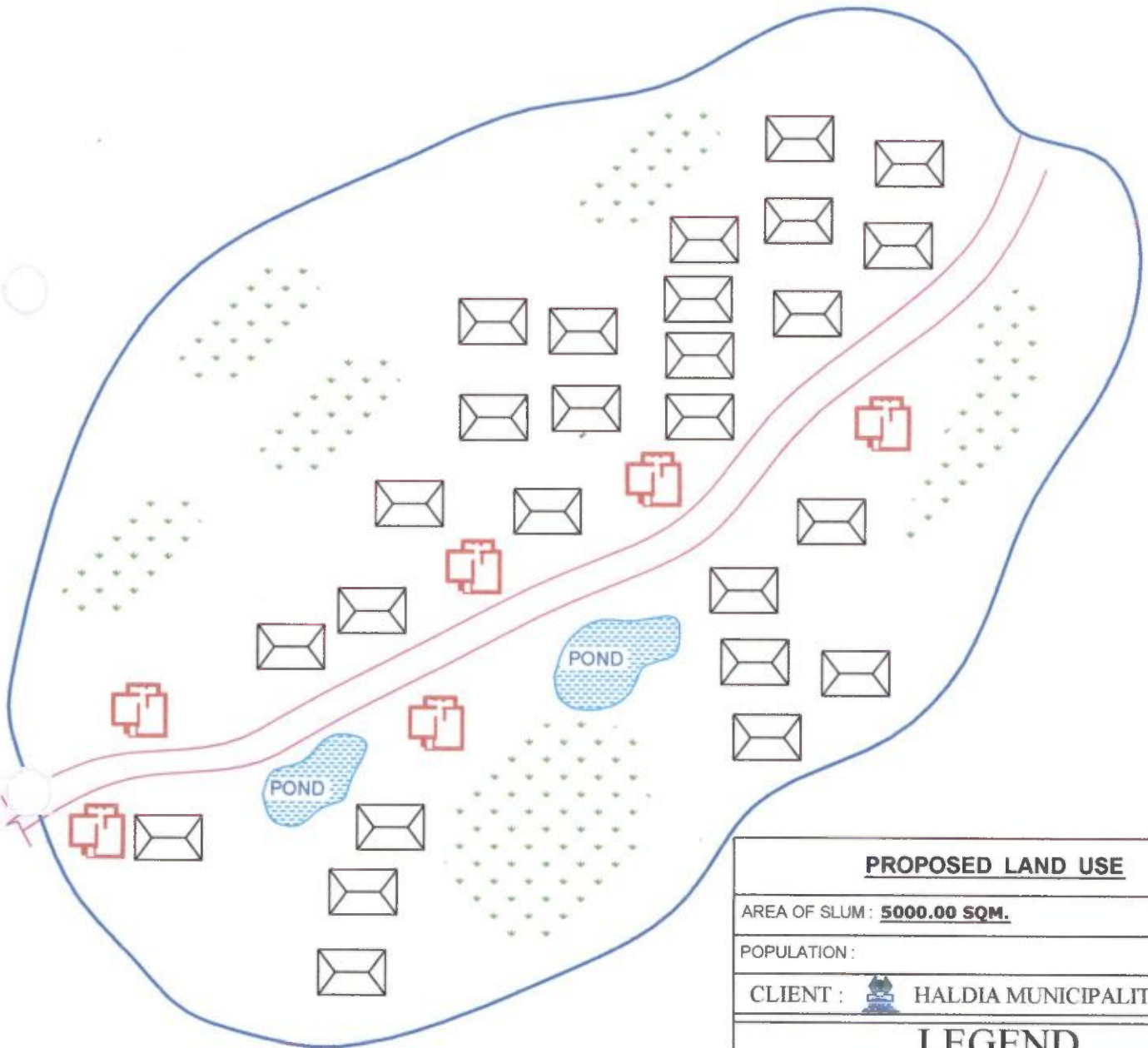
**LEGEND**







ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			4
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			4

**HALDIA MUNICIPALITY**



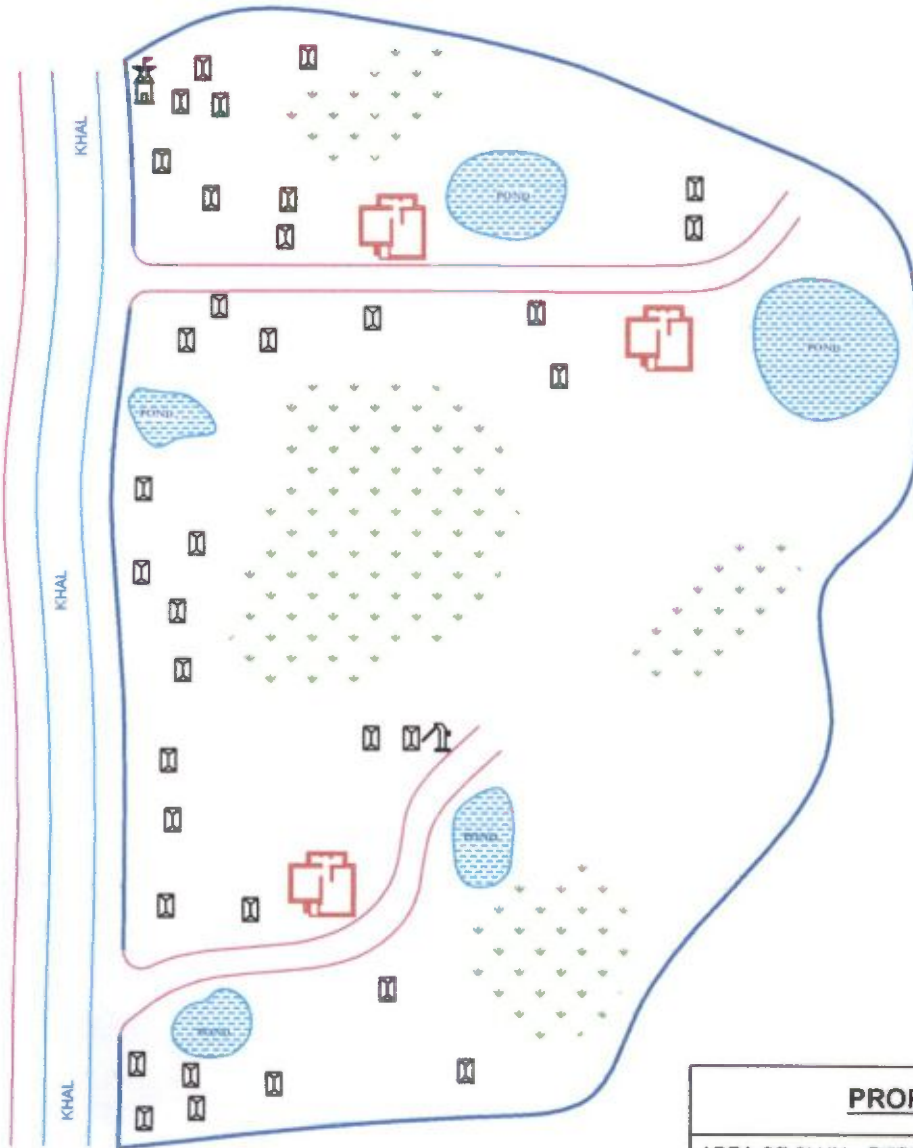
**WARD NO - 02**  
**NANDARAMPUR**  
**SLUM NO:- 009**  
**AREA:- 5000.00 SQM.**









<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>5000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			6
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			6

**HALDIA MUNICIPALITY**

**WARD NO - 02**  
**PURBA SRIKRISHNAPUR**  
**SLUM NO:- 010**  
**AREA:- 2500.00 SQM.**



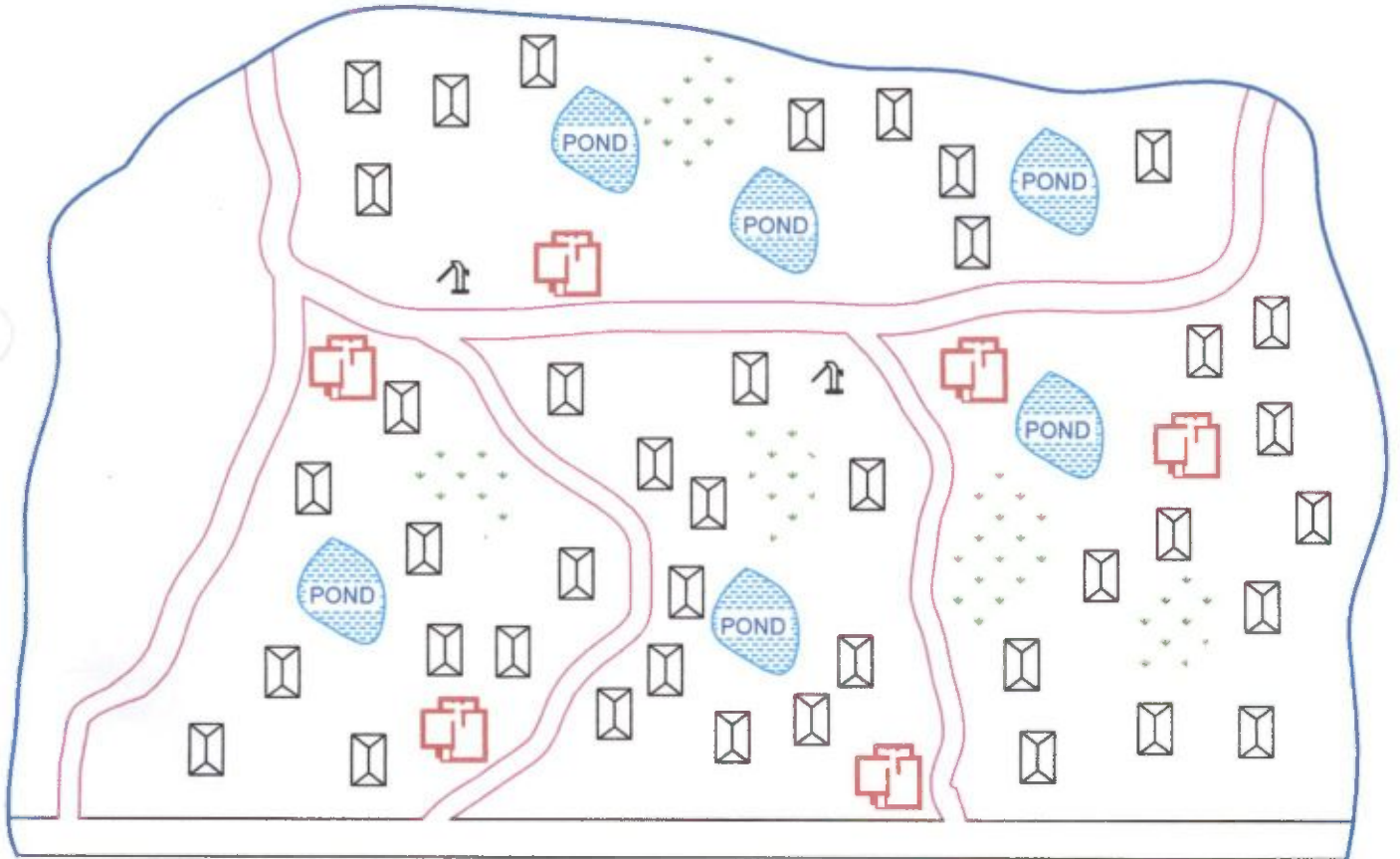
PROPOSED LAND USE			
AREA OF SLUM : <b>2500.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			3
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			3









**HALDIA MUNICIPALITY**



**WARD NO - 03**  
**BHAGYABANTAPUR PASCHIM KHAL PAR BASTI**  
**SLUM NO:- 011**  
**AREA:- 75000.00 SQM.**

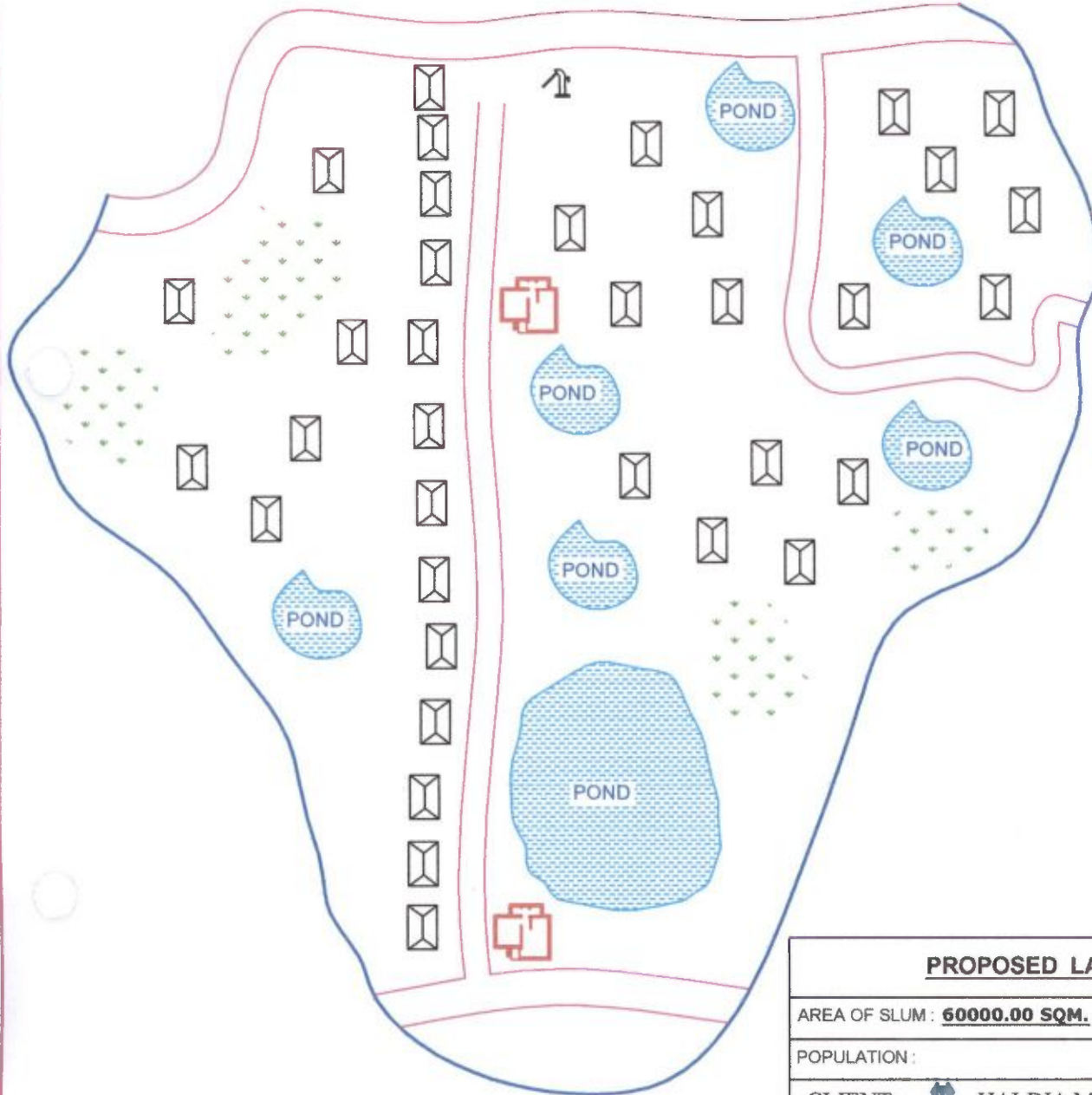








<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>75000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			6
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			6

**HALDIA MUNICIPALITY**



**WARD NO - 03**  
**CHAMPI DAKSHIN PALLY BASTI**  
**SLUM NO:- 015**  
**AREA:- 60000.00 SQM.**

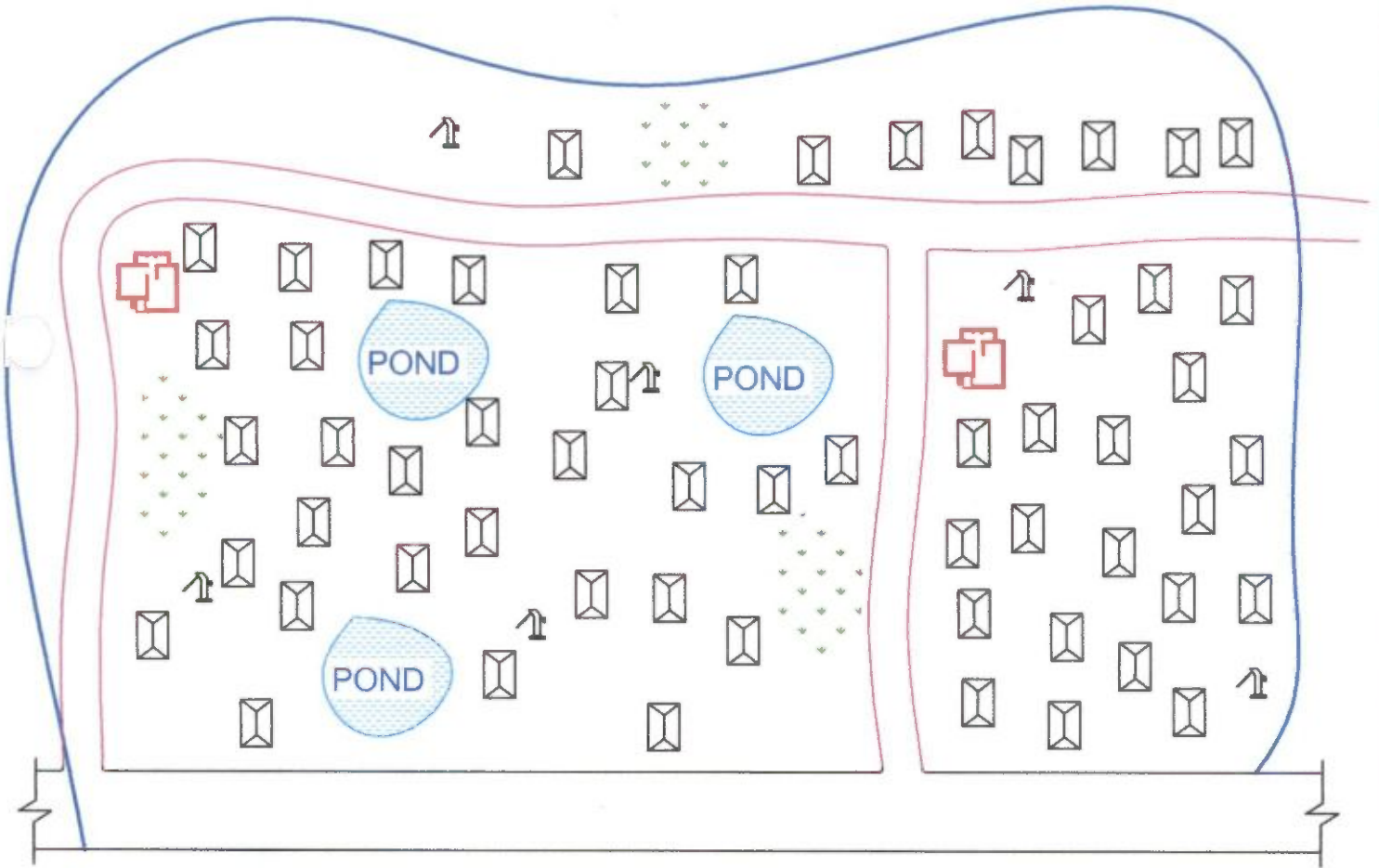








<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>60000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**



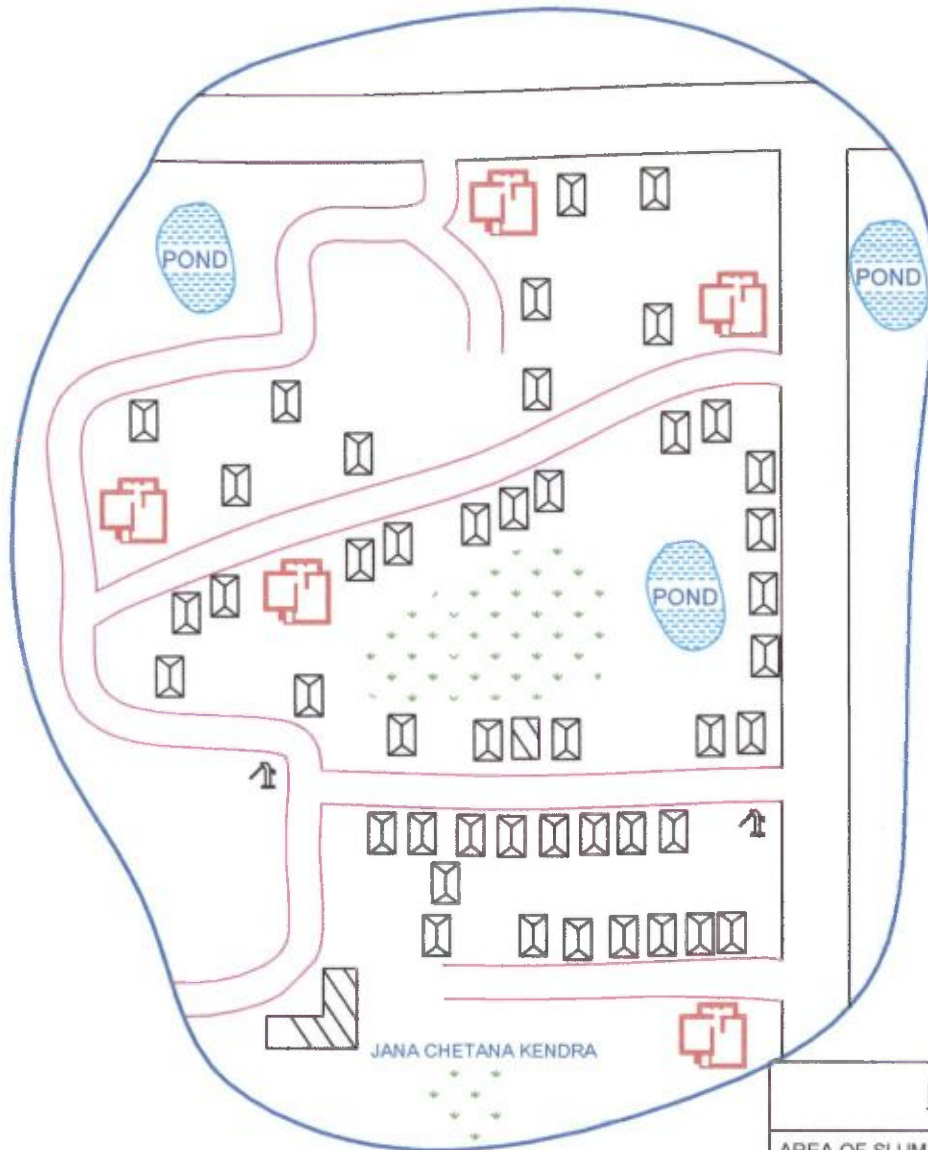
**WARD NO - 03**  
**BIRINCHIBERIA BASTI**  
**SLUM NO:- 016**  
**AREA:- 32000.00 SQM.**



<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>32000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**

**WARD NO - 04**  
**BASUDEVPUR MUSLIM BASTI**  
**SLUM NO:- 019**  
**AREA:- 12500.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **12500.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

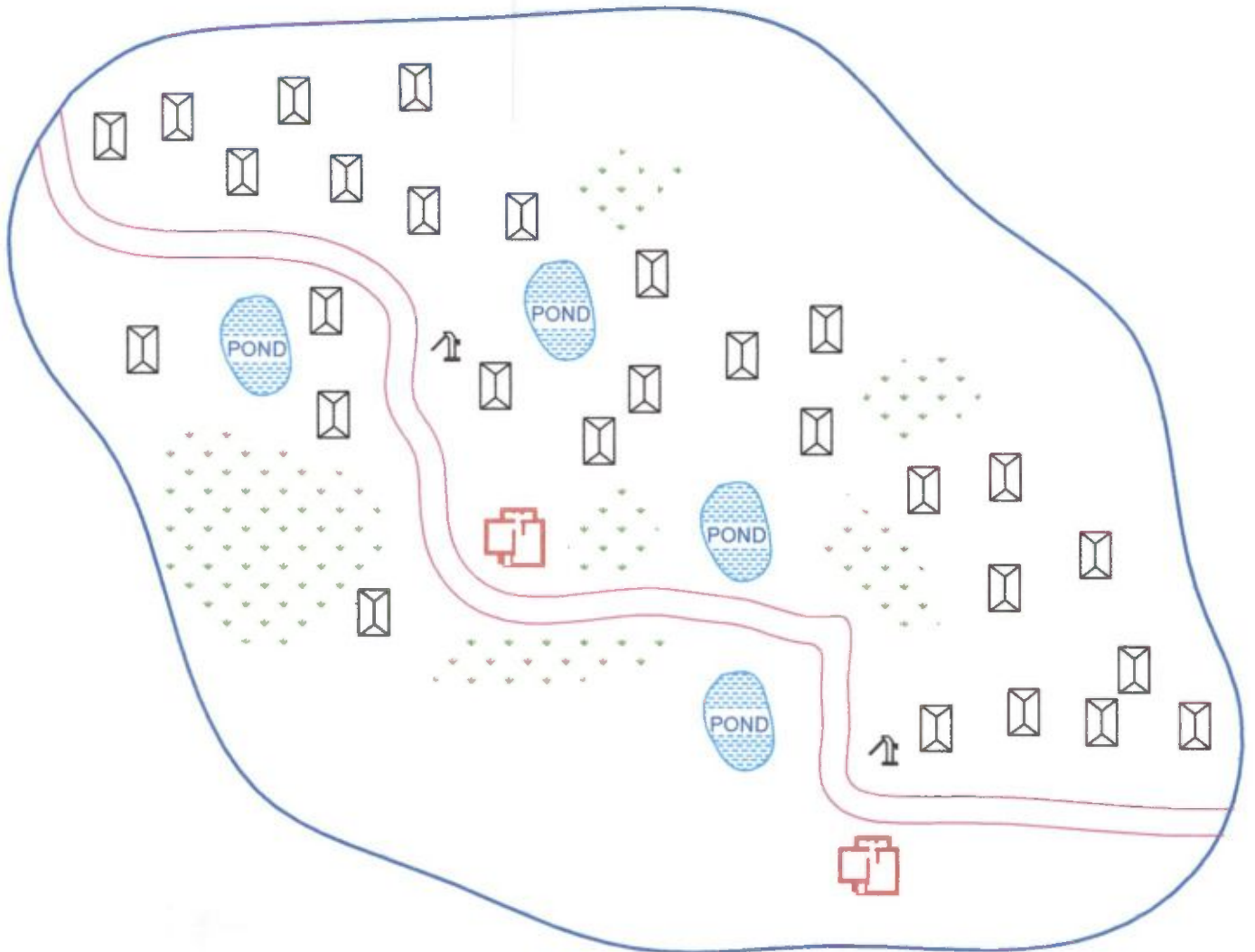
**LEGEND**


ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			5
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			5

**HALDIA MUNICIPALITY**



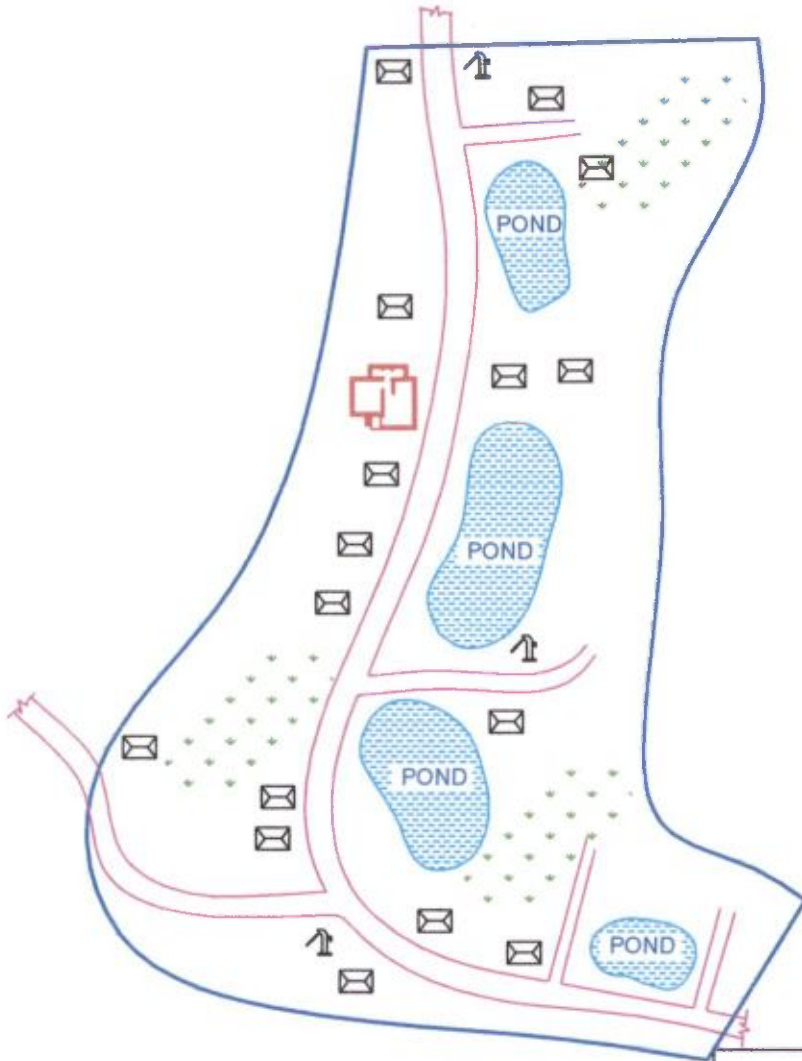
**WARD NO - 04**  
**BASUDEVPUR SAMANTA PARA**  
**SLUM NO:- 020**  
**AREA:- 22900.00 SQM.**



PROPOSED LAND USE			
AREA OF SLUM : <b>22900.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**

**WARD NO - 05**  
**RAMNAGAR MONDAL PARA**  
**SLUM NO:- 021**  
**AREA:- 17000.00 SQM.**






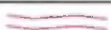

**PROPOSED LAND USE**

AREA OF SLUM : **17000.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

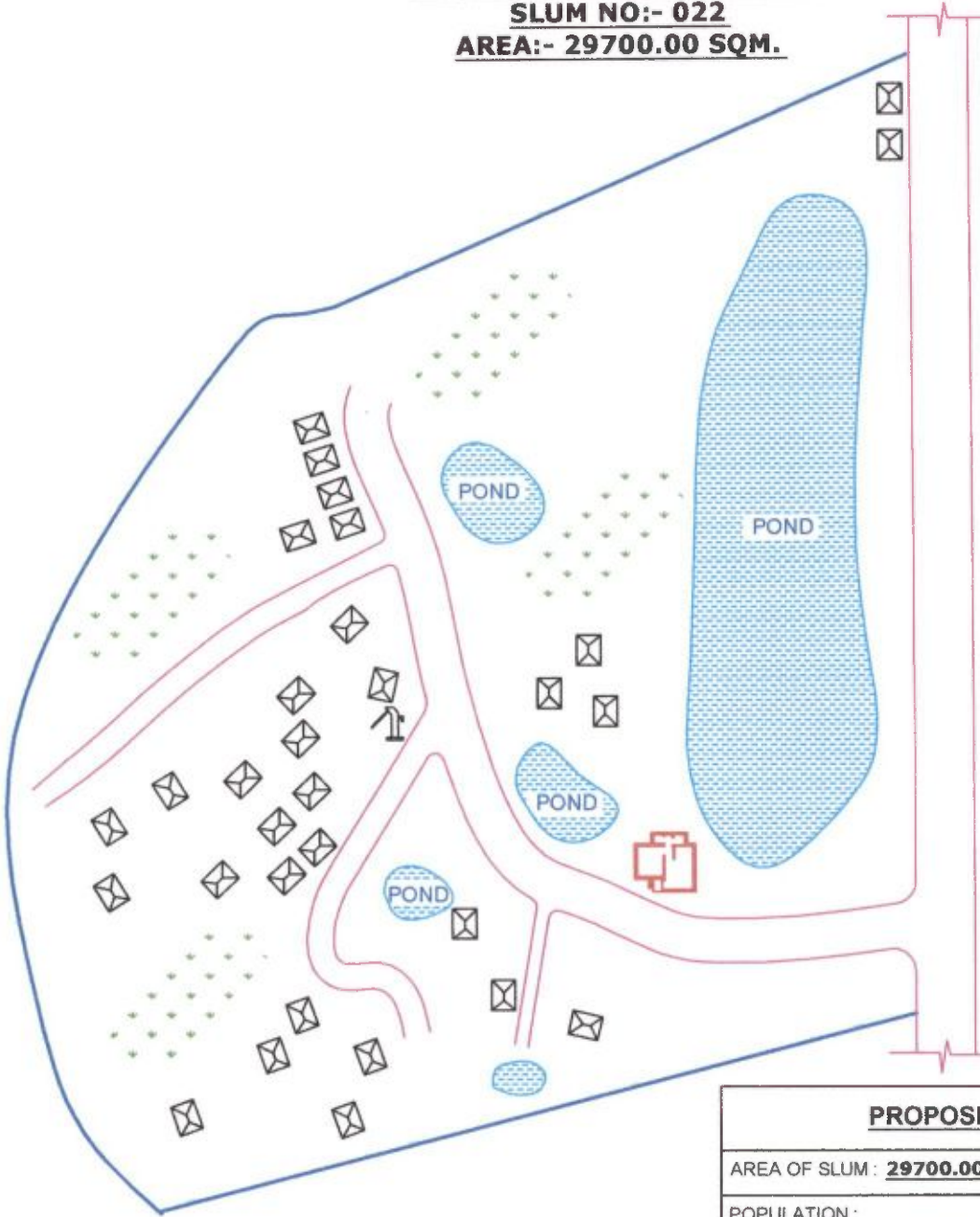
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1

**HALDIA MUNICIPALITY**

**WARD NO - 05  
RAMNAGAR BRAHMAN PARA**

**SLUM NO:- 022**

**AREA:- 29700.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **29700.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1

**HALDIA MUNICIPALITY**



**WARD NO - 05**  
**RAMNAGAR DAS PARA**  
**SLUM NO:- 024**  
**AREA:- 40000.00 SQM.**



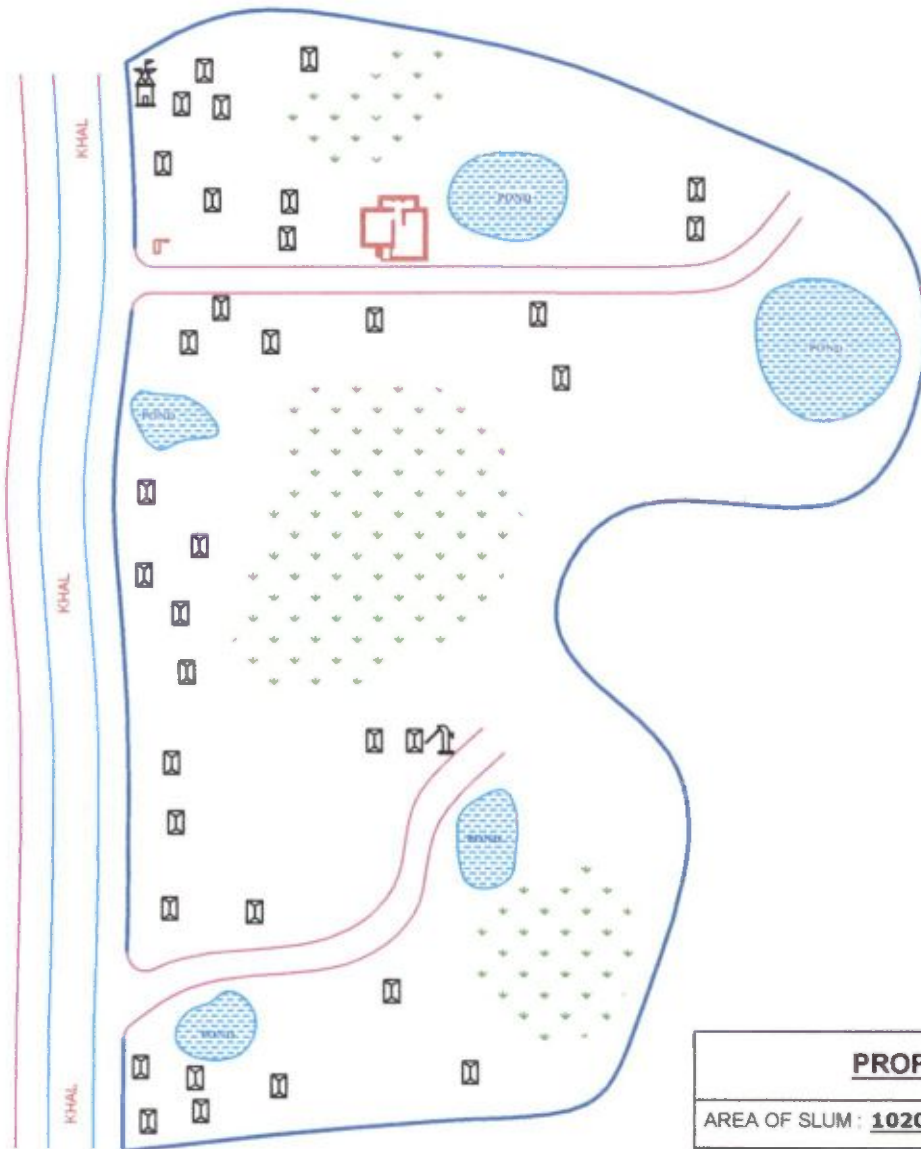
PROPOSED LAND USE			
AREA OF SLUM : <b>400000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1



**HALDIA MUNICIPALITY**



**WARD NO - 05**  
**PURBA RAGHUNATHCHAK BALA PARA**  
**SLUM NO:- 026**  
**AREA:- 10200.00 SQM.**





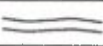


**PROPOSED LAND USE**

AREA OF SLUM : **10200.00 SQM.**

POPULATION :

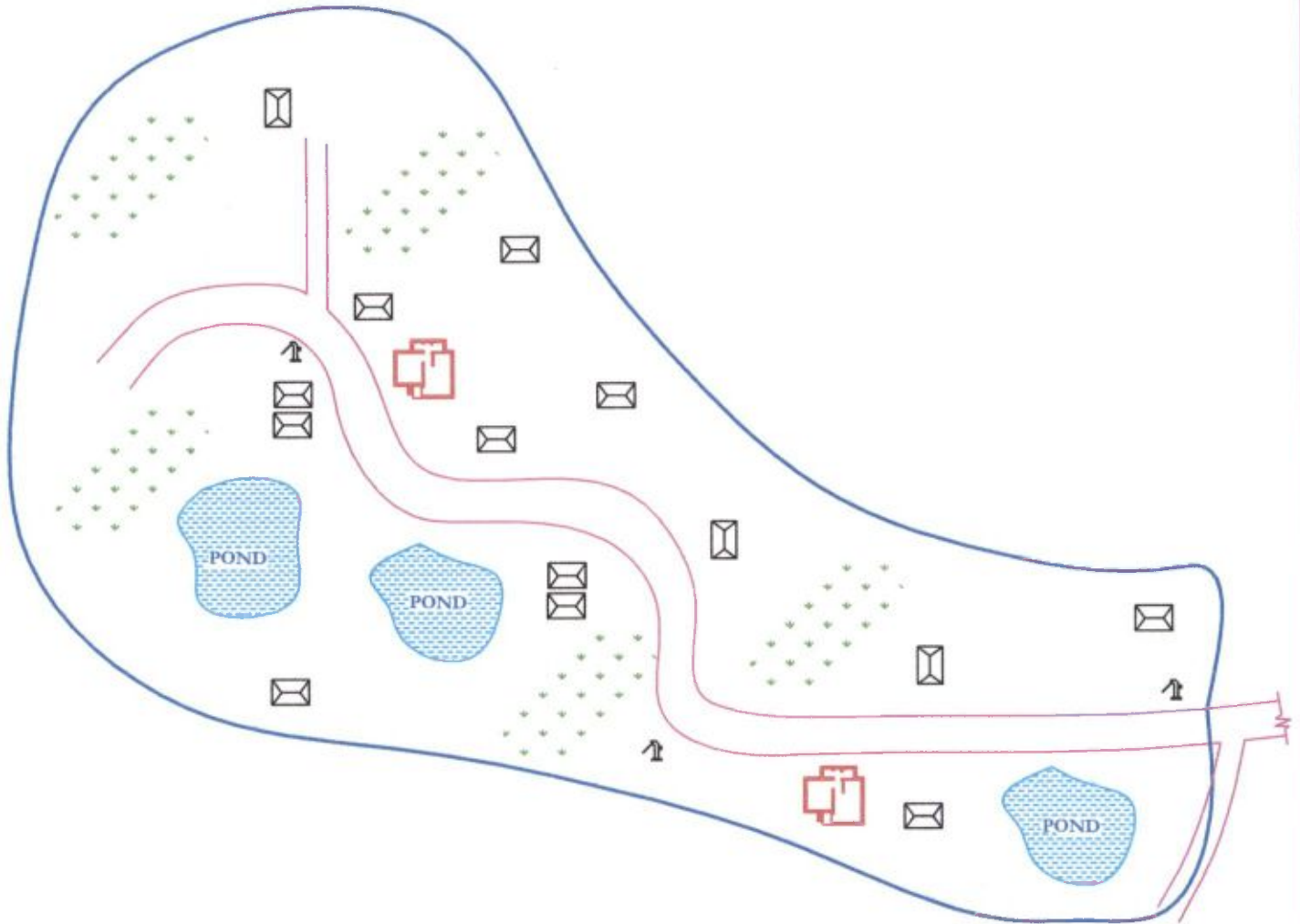
CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1

**HALDIA MUNICIPALITY**

**WARD NO - 05**  
**JAGANNATHCHAK SAMANTA PARA**  
**SLUM NO:- 027**  
**AREA:- 2100.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **2100.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

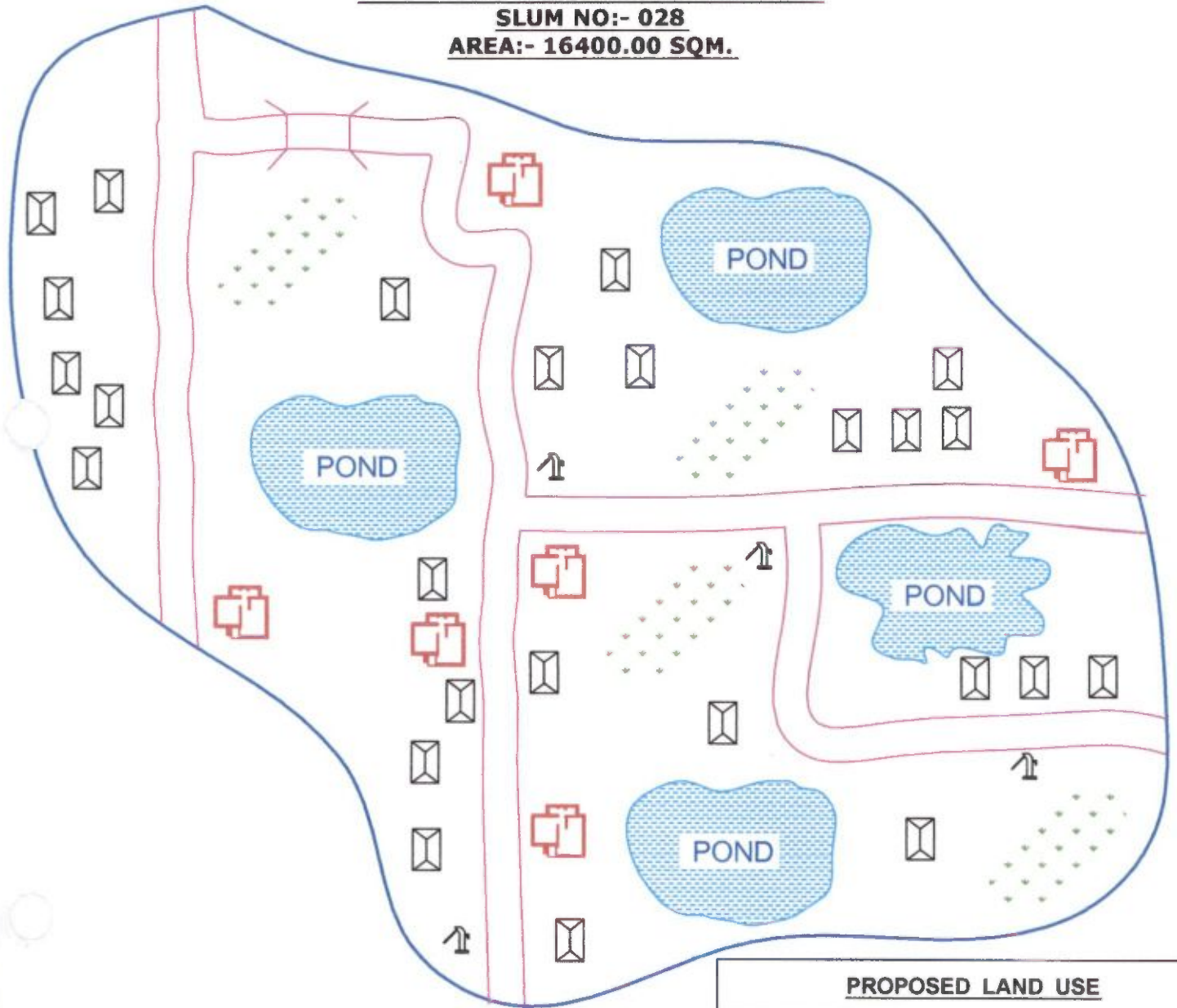
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2







**HALDIA MUNICIPALITY**



**WARD NO - 05  
RAMNAGAR PASCHIM NASKAR PARA**

**SLUM NO:- 028  
AREA:- 16400.00 SQM.**

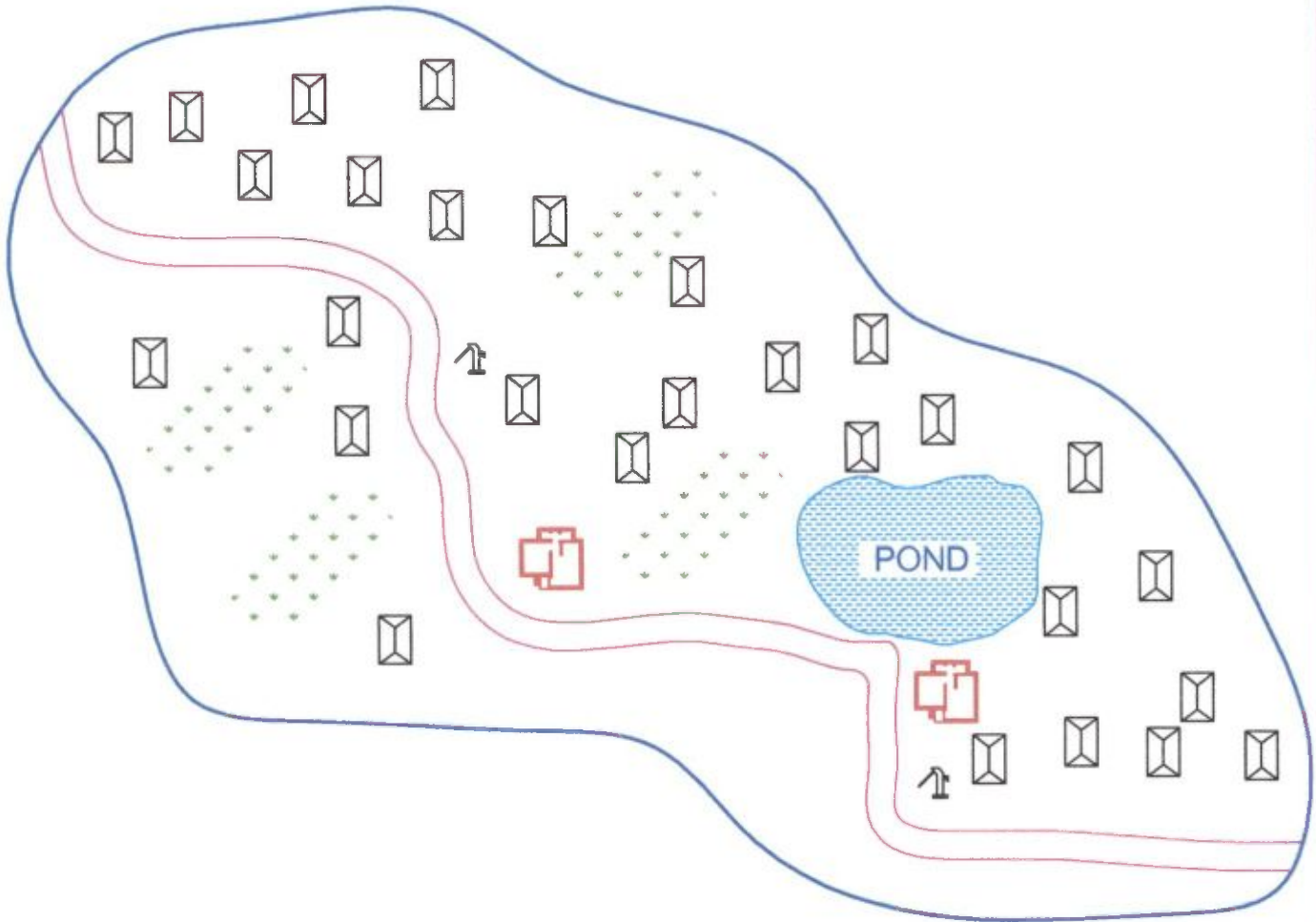


<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>16400.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			6
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			6

**HALDIA MUNICIPALITY**



**WARD NO - 05**  
**RAMNAGAR PASCHIM MANNA PARA**  
**SLUM NO:- 029**  
**AREA:- 5500.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **5500.00 SQM.**

POPULATION :

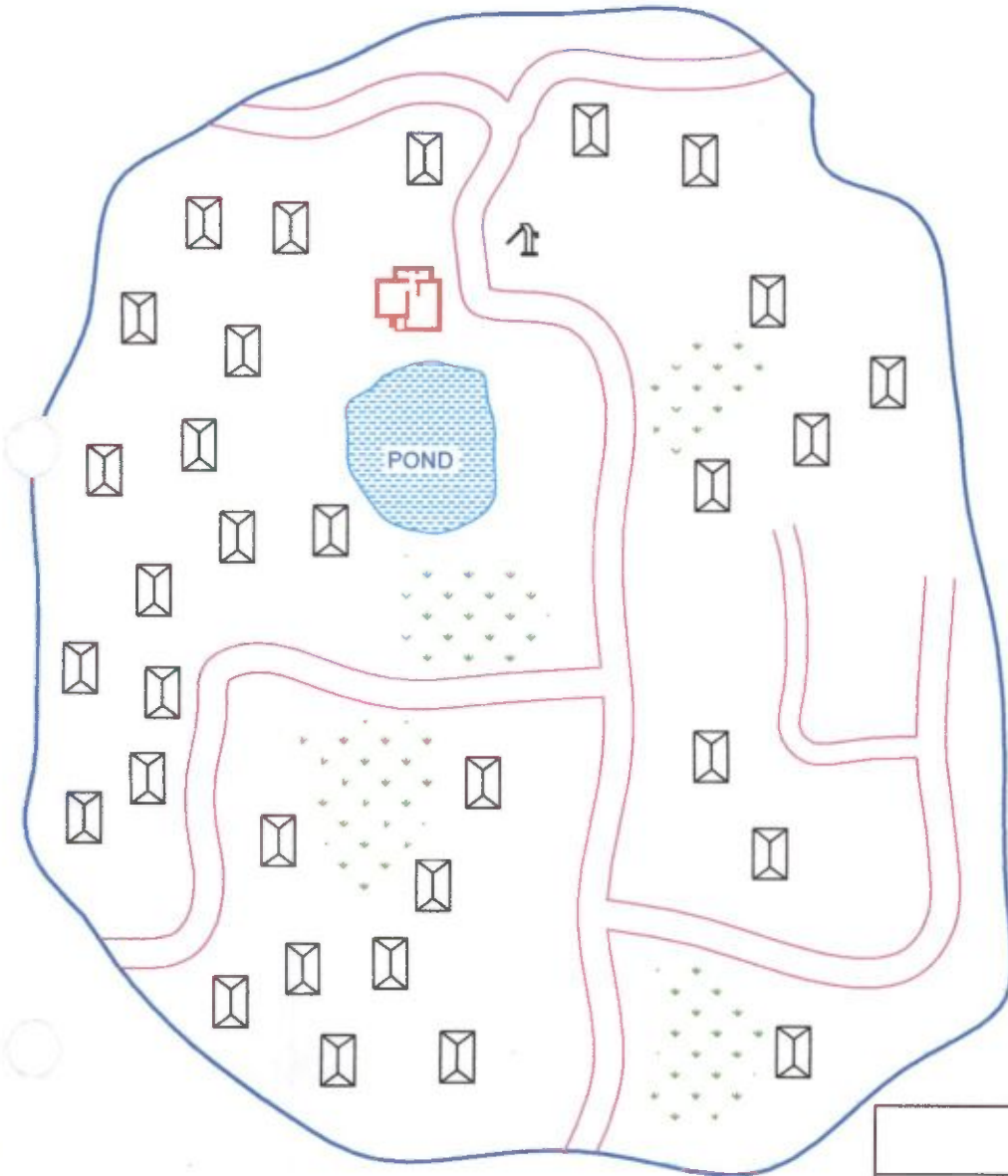
CLIENT :  **HALDIA MUNICIPALITY**

**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**

**WARD NO - 05**  
**PURBA RAGHUNATHCHAK KARAN PARA**  
**SLUM NO:- 030**  
**AREA:- 5500.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **5500.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

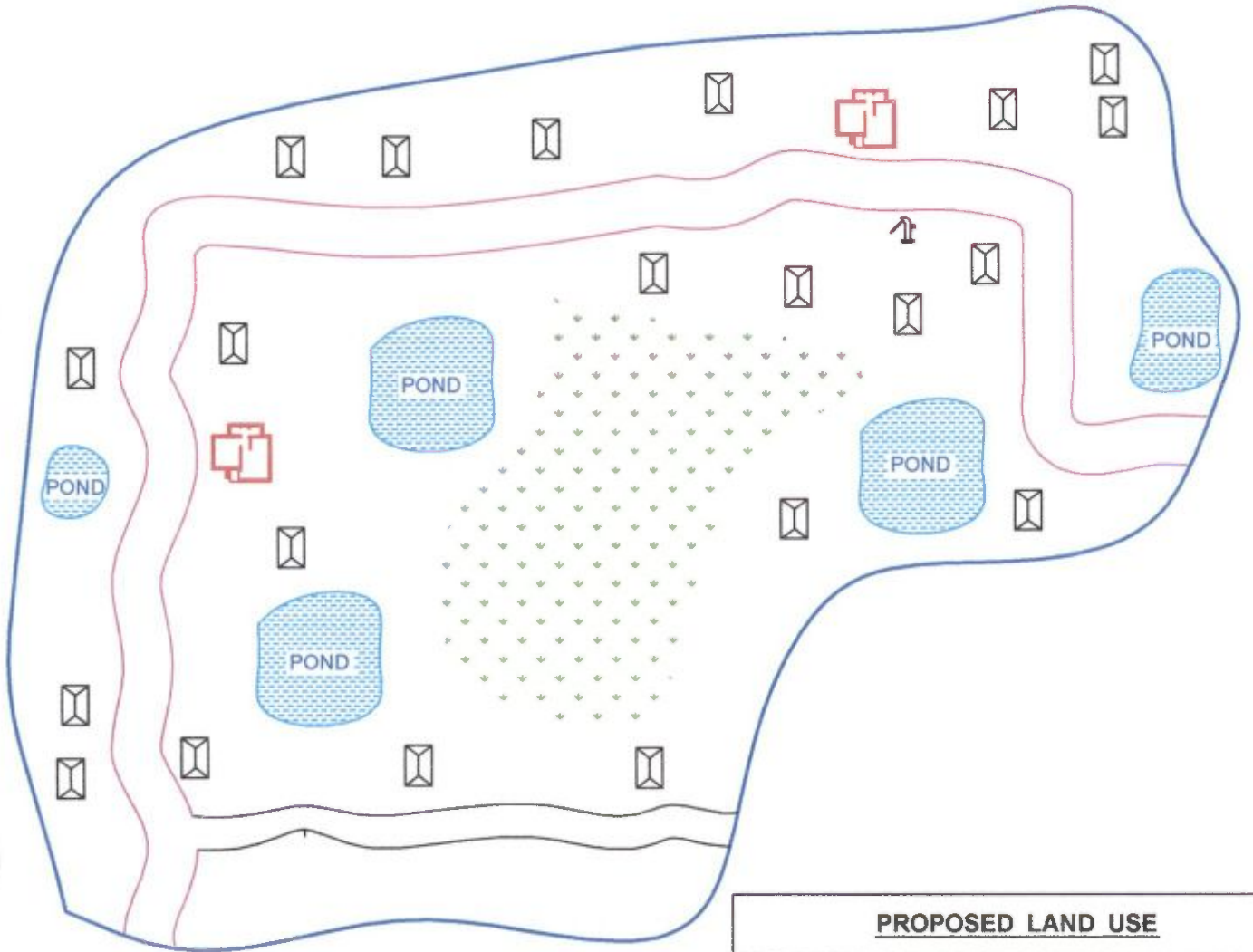
**LEGEND**







ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1

**HALDIA MUNICIPALITY**



**WARD NO - 05**  
**PURBA RAMNAGAR MUSLIM PARA**  
**SLUM NO:- 037**  
**AREA:- 25000.00 SQM.**

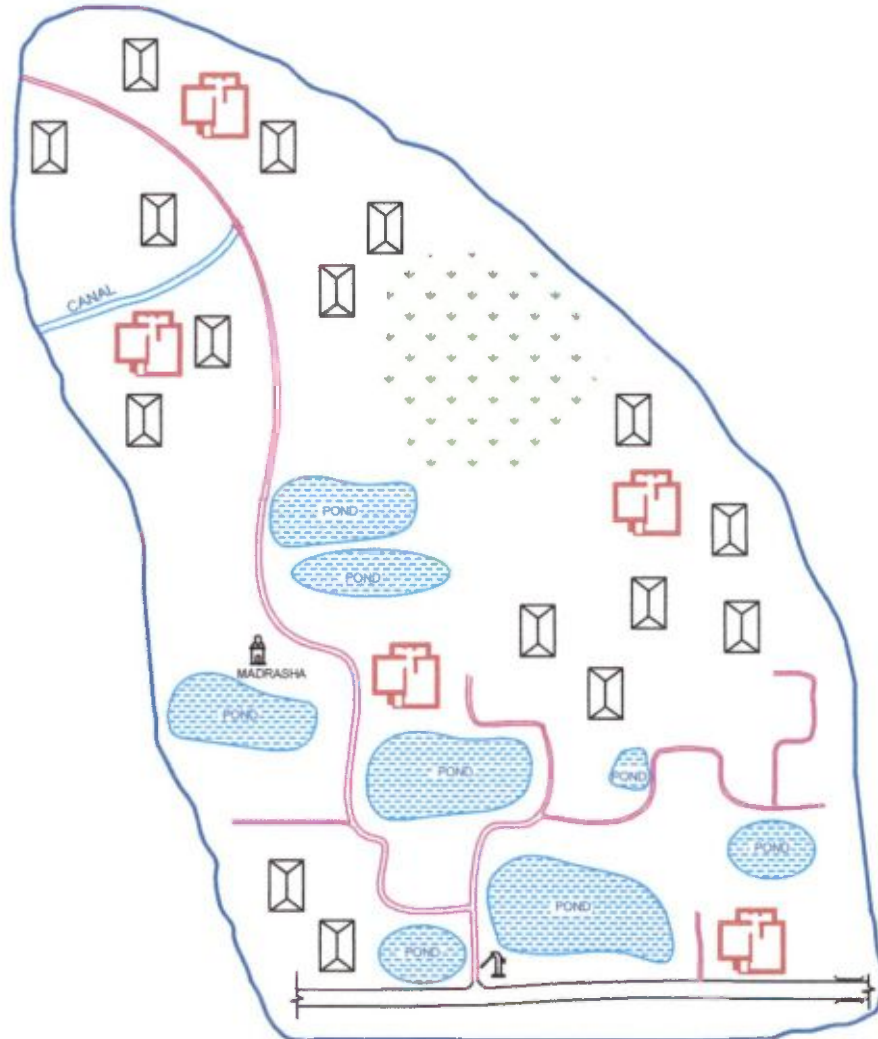


<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>25000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**



**WARD NO - 06**  
**JHIKURKHALI PURBA PALLY**  
**SLUM NO:- 038**  
**AREA:- 350000.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **350000.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

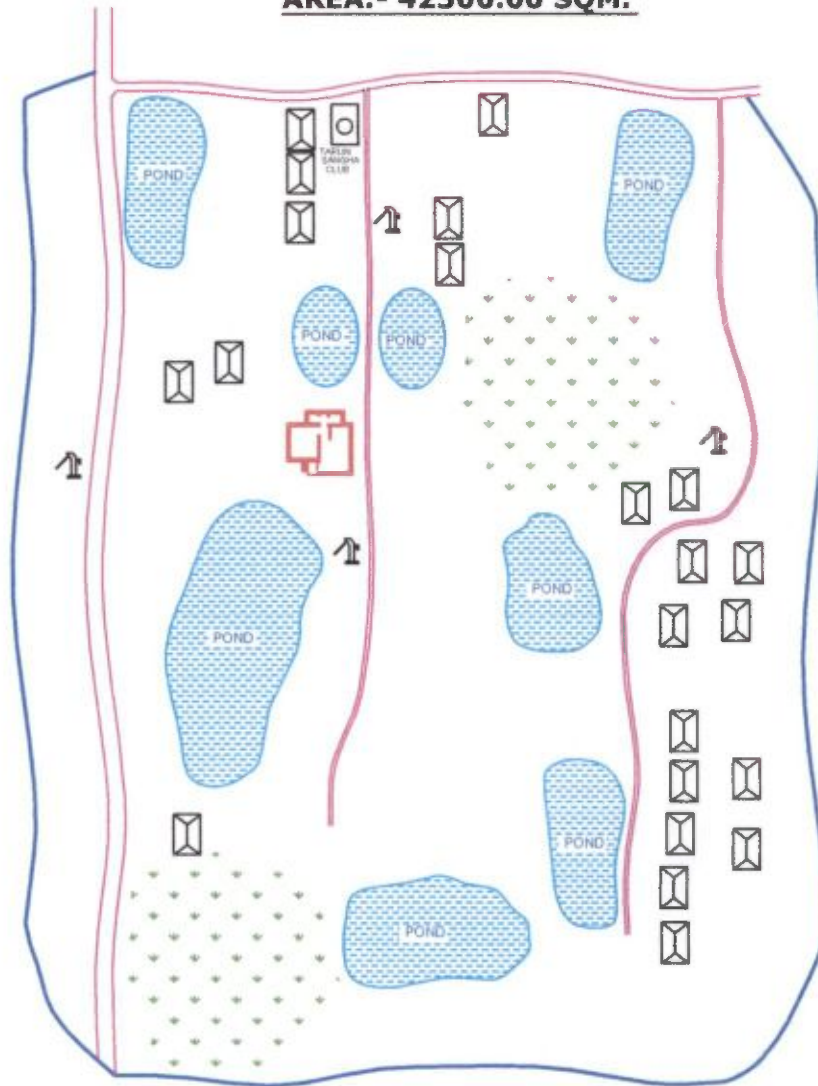
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			5
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			5

**HALDIA MUNICIPALITY**

**WARD NO - 06  
JHIKURKHALI DAS PARA**

**SLUM NO:- 039**

**AREA:- 42300.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **42300.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1



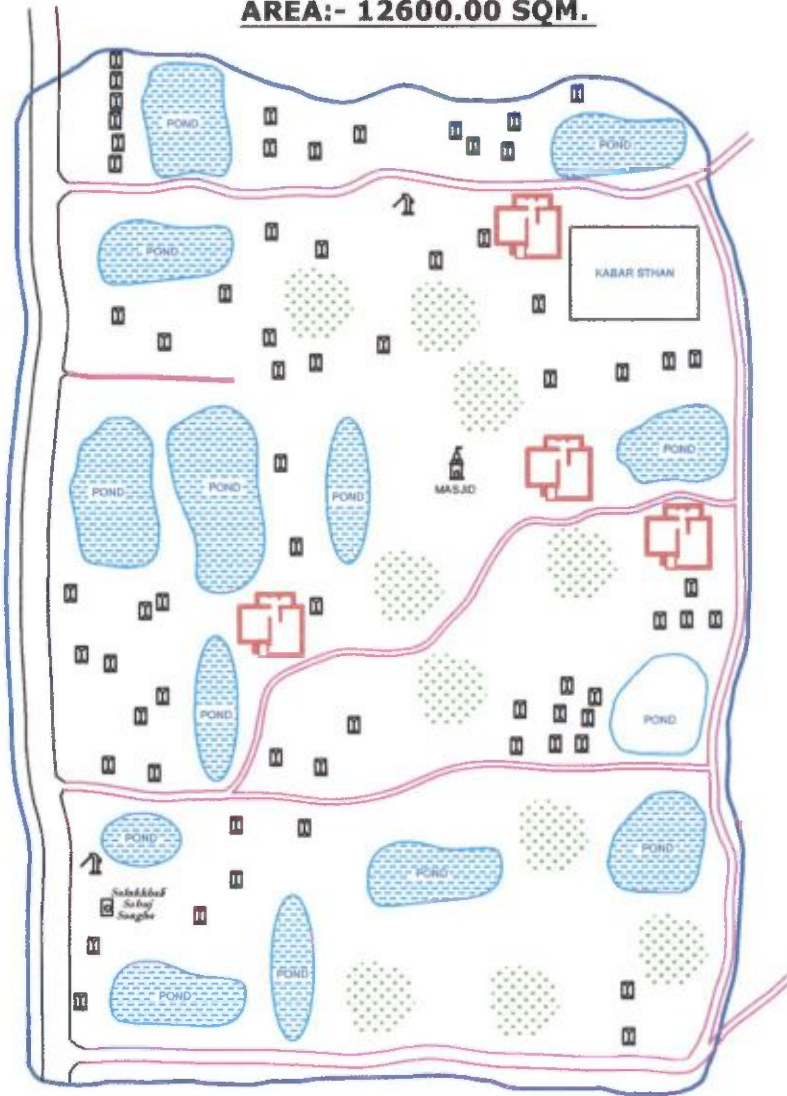
**HALDIA MUNICIPALITY**



**WARD NO - 06  
SALUKKHALI DAKSHIN PALLY**

**SLUM NO:- 040**

**AREA:- 12600.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **12600.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

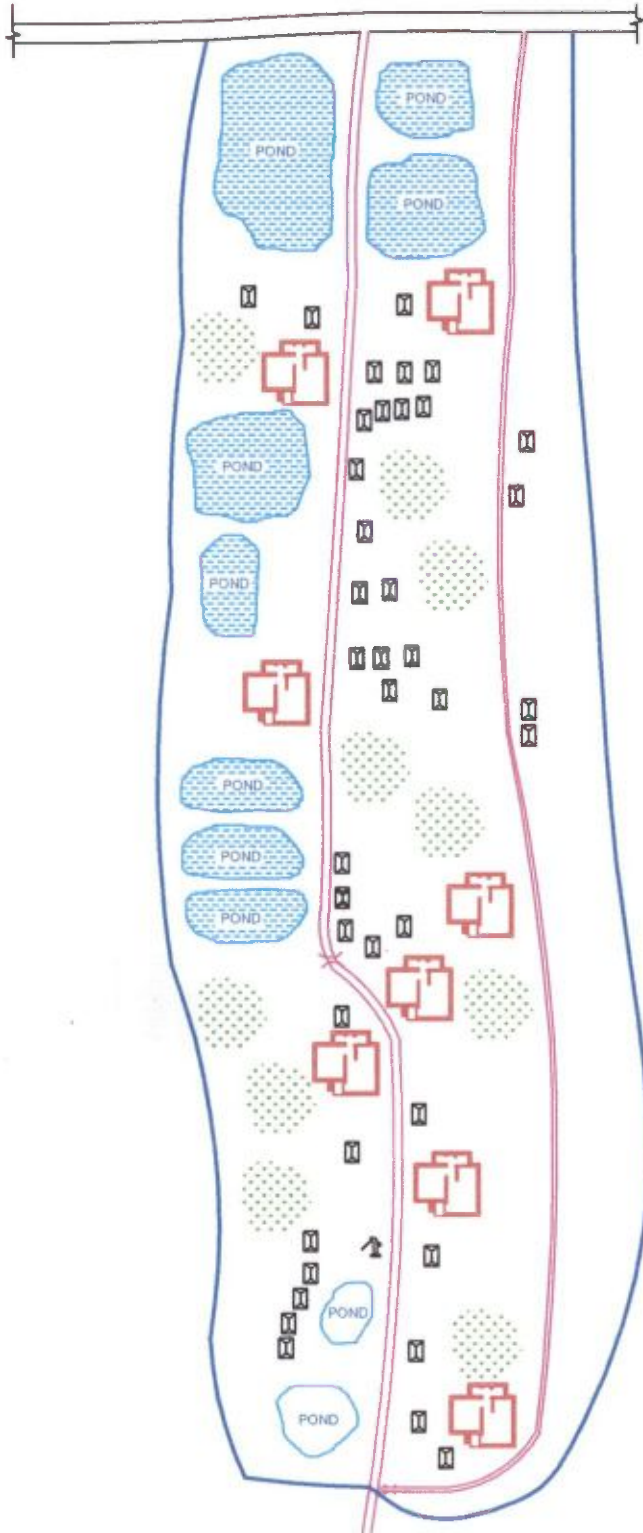
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			4
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			4







**HALDIA MUNICIPALITY**

**WARD NO - 06**  
**SALUKKHALI UTTAR PALLY**

**SLUM NO:- 041**

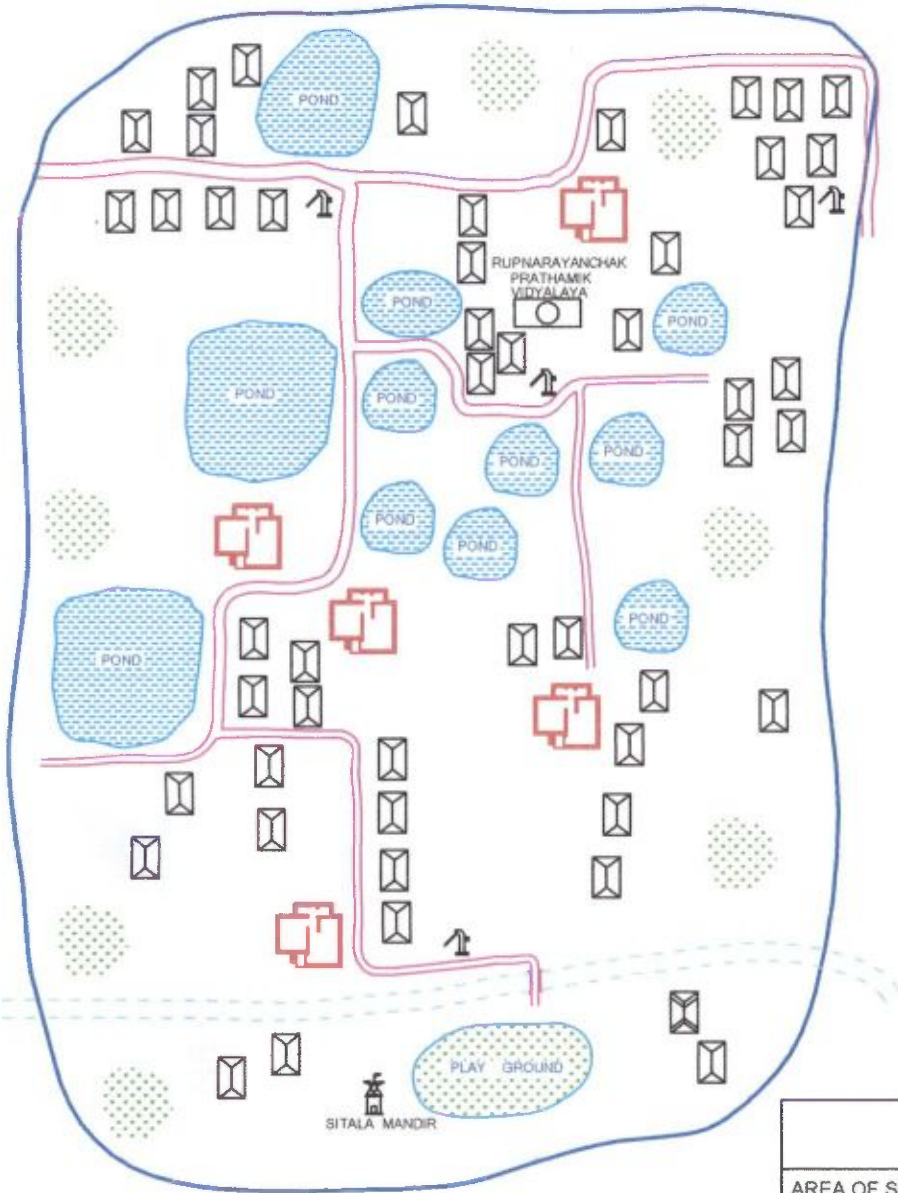
**AREA:- 22800.00 SQM.**



PROPOSED LAND USE			
AREA OF SLUM : <b>22800.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			8
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			8

**HALDIA MUNICIPALITY**

**WARD NO - 06**  
**RUPNARAYANCHAK MONDAL PARA**  
**SLUM NO:- 042**  
**AREA:- 22800.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **22800.00 SQM.**

POPULATION :

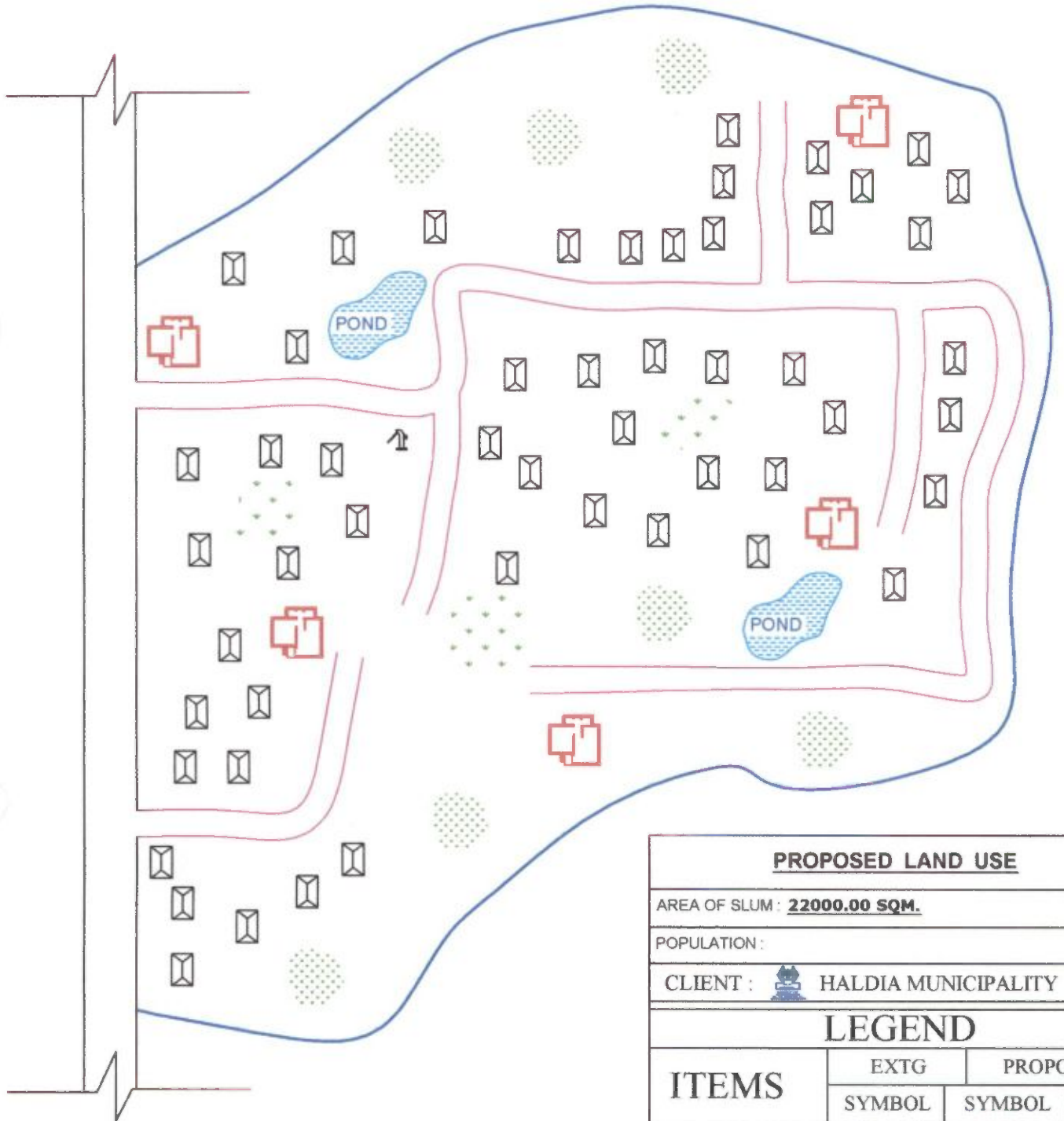
CLIENT :  HALDIA MUNICIPALITY







**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			5
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			5

**HALDIA MUNICIPALITY**

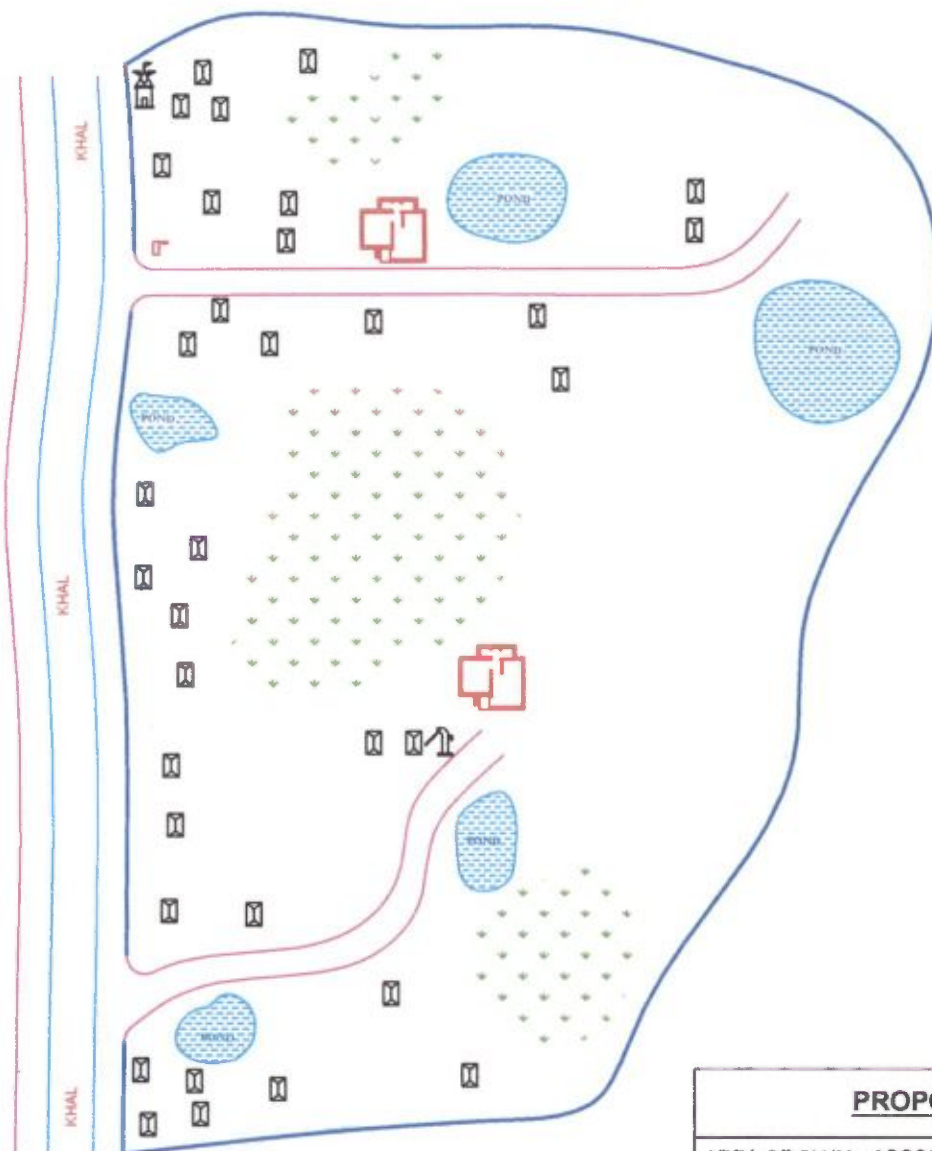
**WARD NO - 06**  
**JHIKURKHALI PASCHIM PARA**  
**SLUM NO:- 043**  
**AREA:- 22000.00 SQM.**



<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>22000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			5
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			5

**HALDIA MUNICIPALITY**

**WARD NO - 06**  
**JHIKURKHALI DAKSHIN PARA**  
**SLUM NO:- 044**  
**AREA:- 12000.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **12000.00 SQM.**

POPULATION :

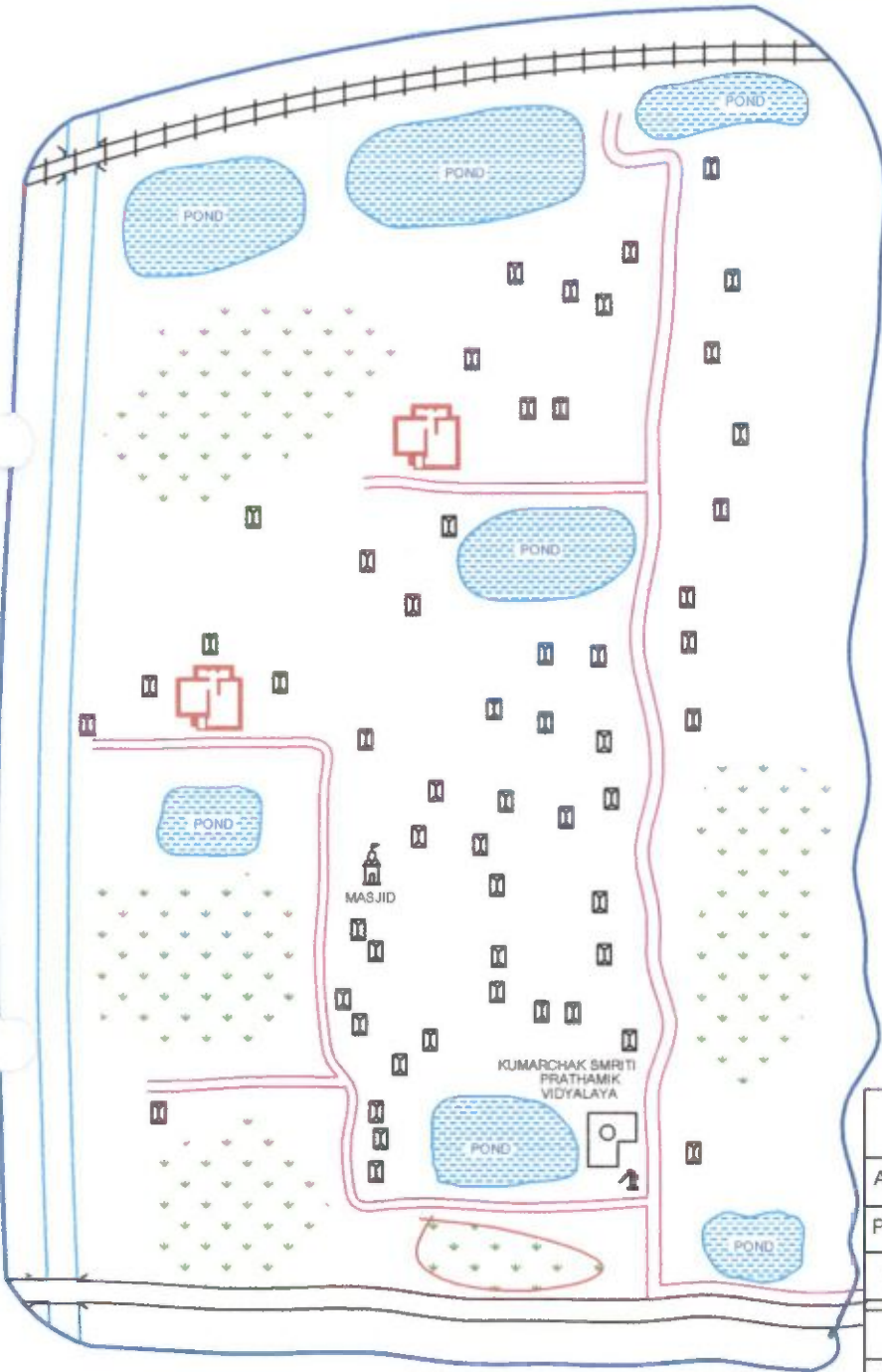
CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**

**WARD NO - 07**  
**KUMARCHAK SK PARA**  
**SLUM NO:- 045**  
**AREA:- 12300.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **12300.00 SQM.**

POPULATION :

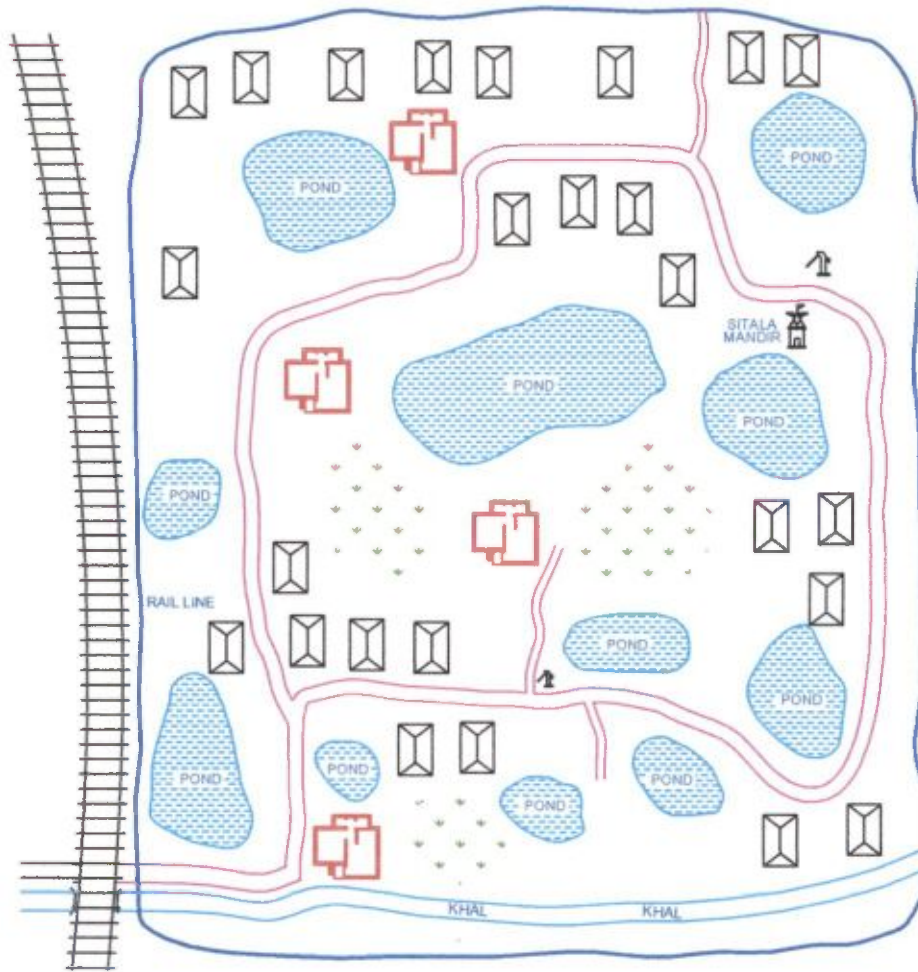
CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**

**WARD NO - 07**  
**KUMARCHAK MONDAL PARA**  
**SLUM NO:- 046**  
**AREA:- 12000.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **12000.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

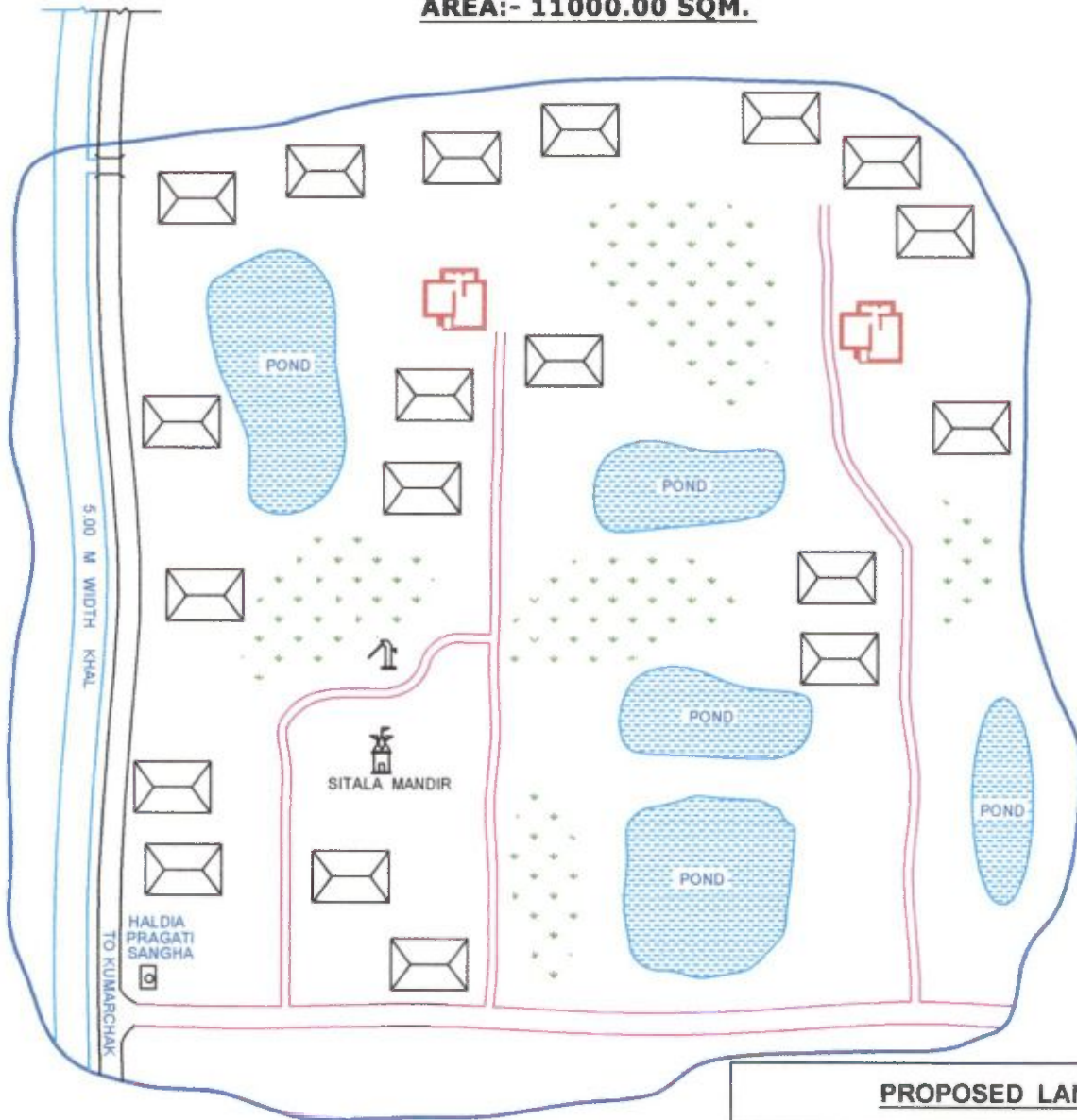
**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			4
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			4

**HALDIA MUNICIPALITY**



**WARD NO - 07**  
**KUMARCHAK BRAHAMAN PARA**  
**SLUM NO:- 047**  
**AREA:- 11000.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **11000.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

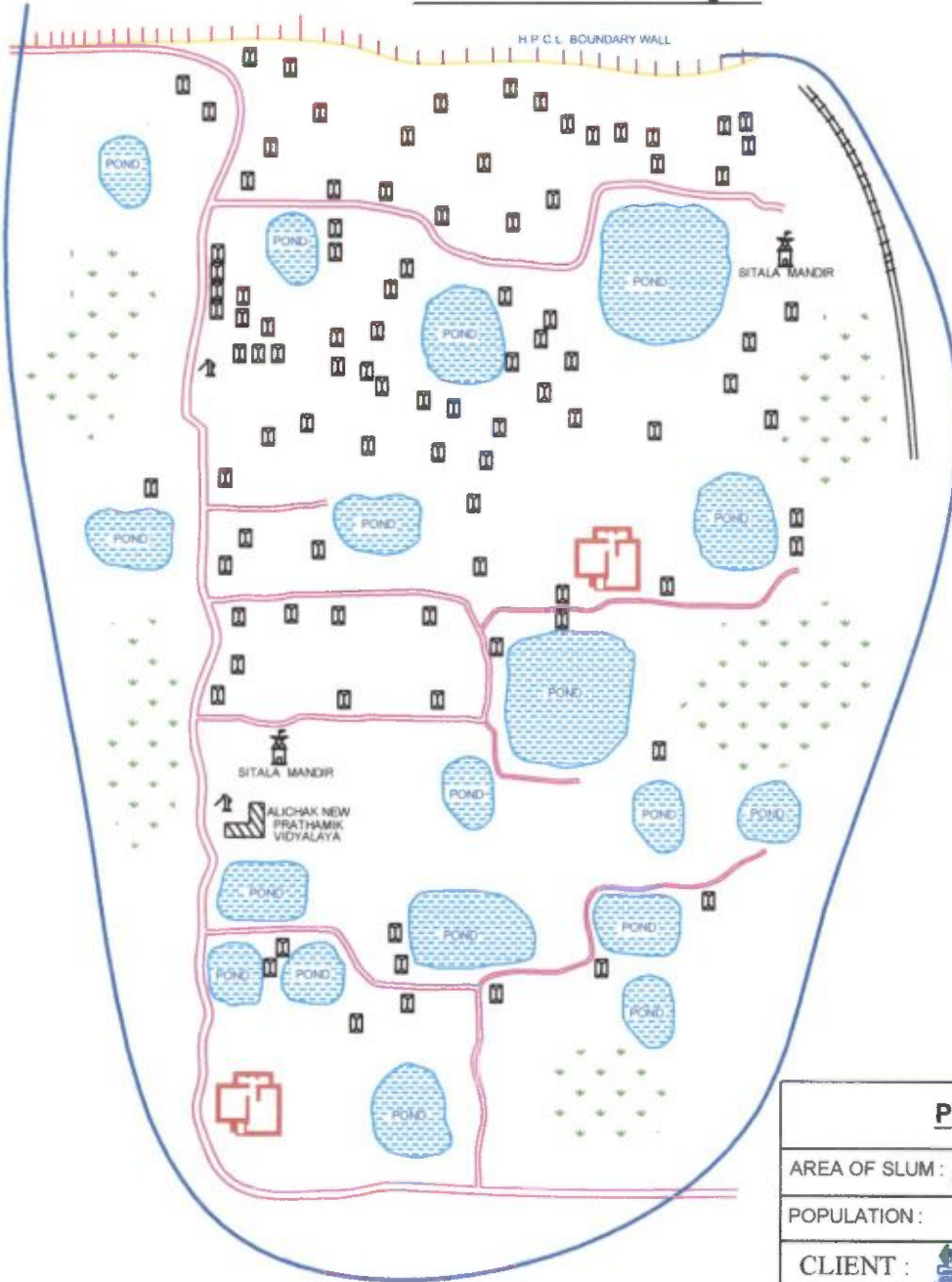
**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2



**HALDIA MUNICIPALITY**

**WARD NO - 07**  
**KUMARCHAK KHALUA PARA**  
**SLUM NO:- 048**  
**AREA:- 37300.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **37300.00 SQM.**

POPULATION :

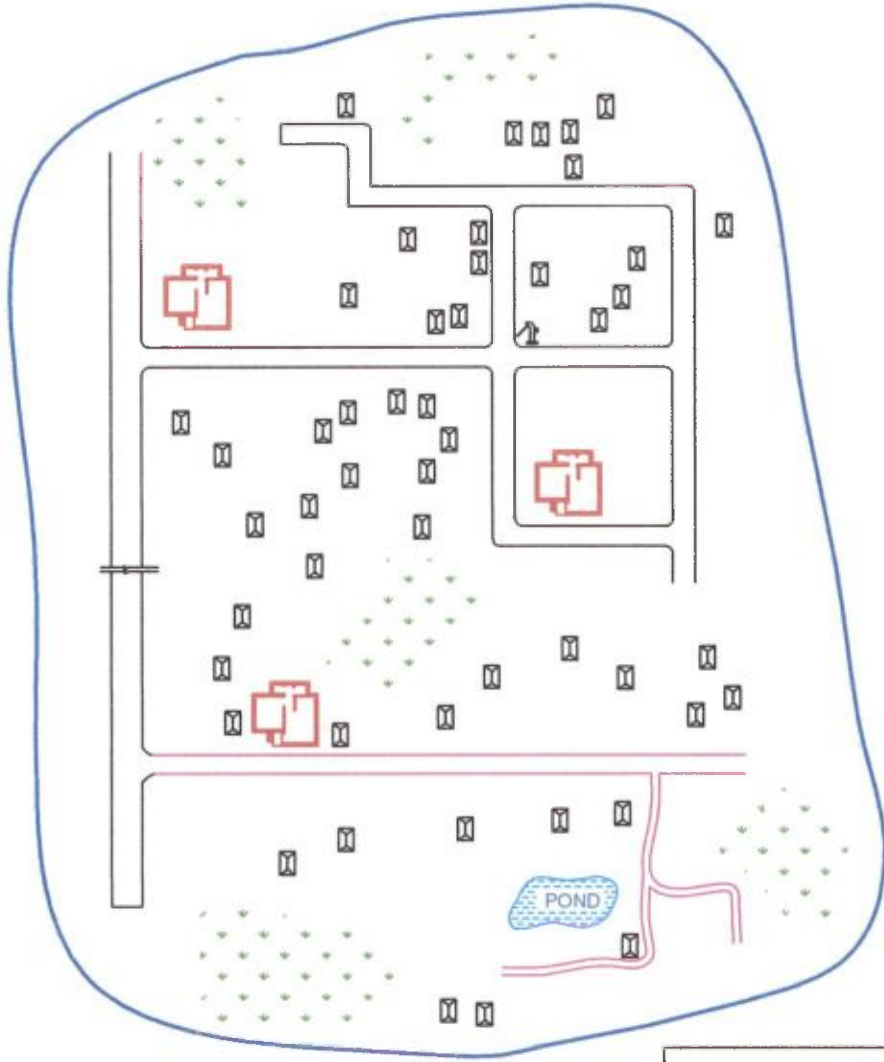
CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**

**WARD NO - 07**  
**KUMARCHAK PURBA PARA**  
**SLUM NO:- 049**  
**AREA:- 20000.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **20000.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

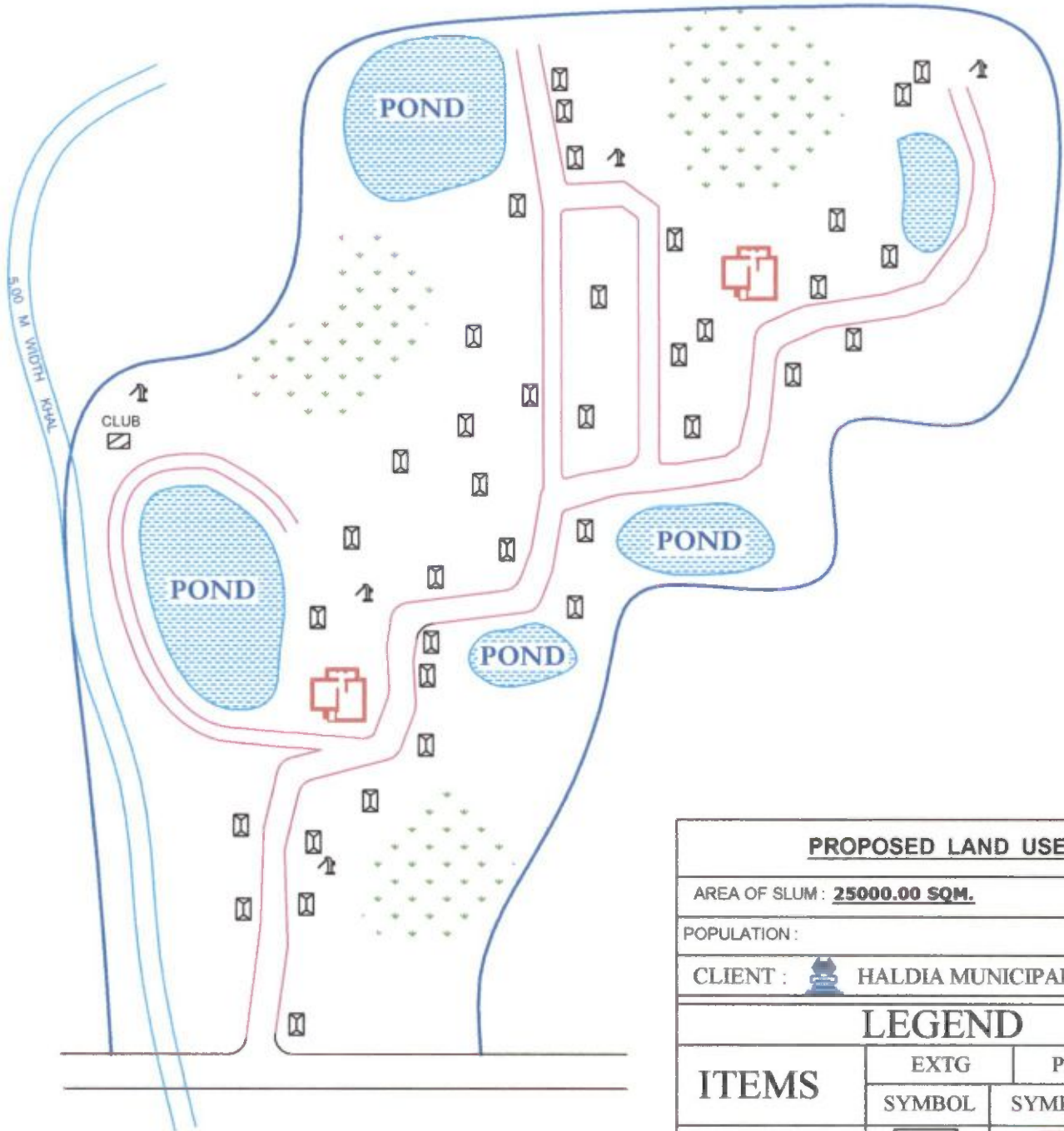
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			3
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			3







**HALDIA MUNICIPALITY**

**WARD NO - 07  
BASUDEVPUR KHALPAR**

**SLUM NO:- 052**

**AREA:- 25000.00 SQM.**

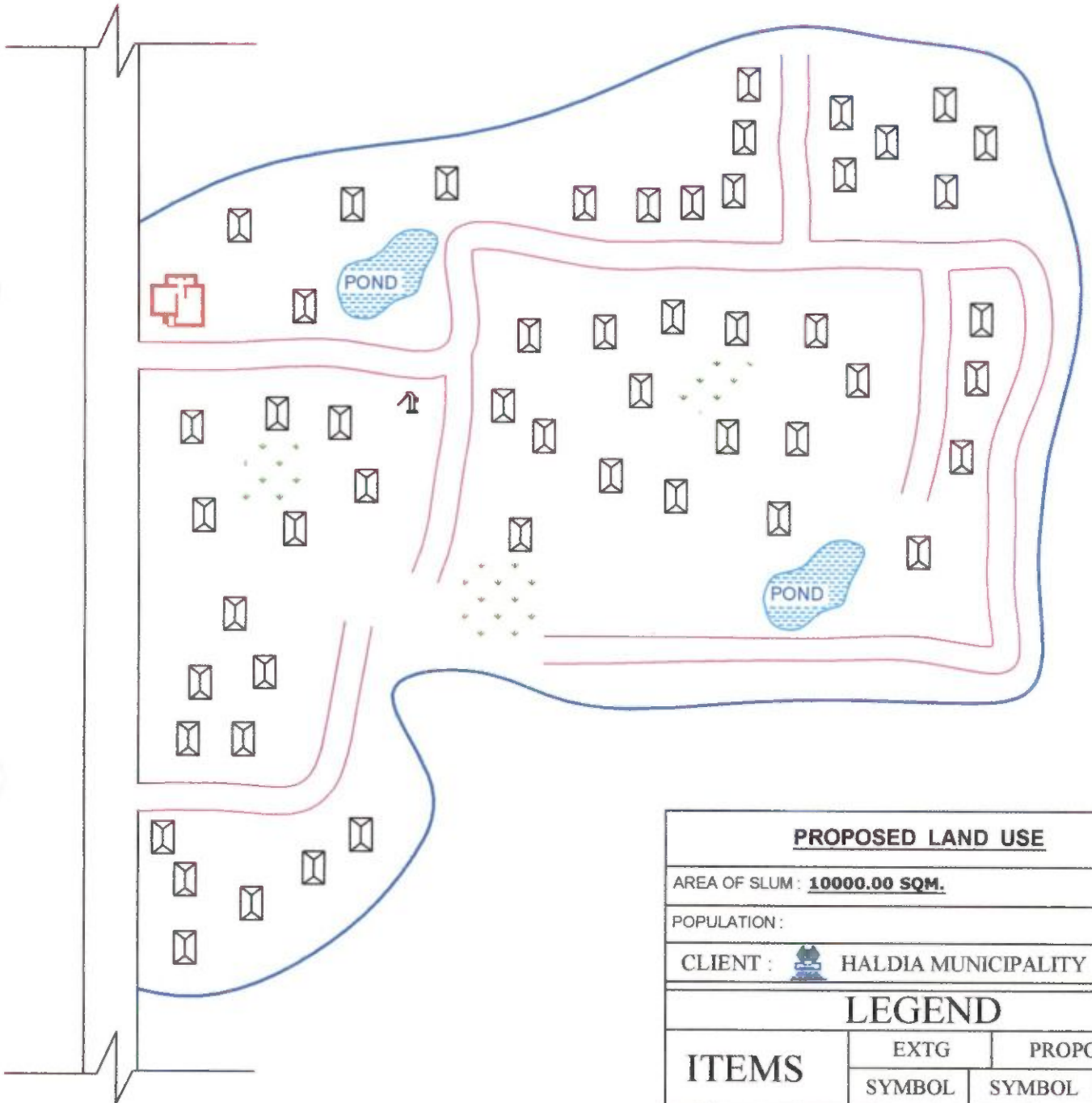








PROPOSED LAND USE			
AREA OF SLUM : <b>25000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**



**WARD NO - 07**  
**GODOWN SIDE BASI**  
**SLUM NO:- 116**  
**AREA:- 10000.00 SQM.**

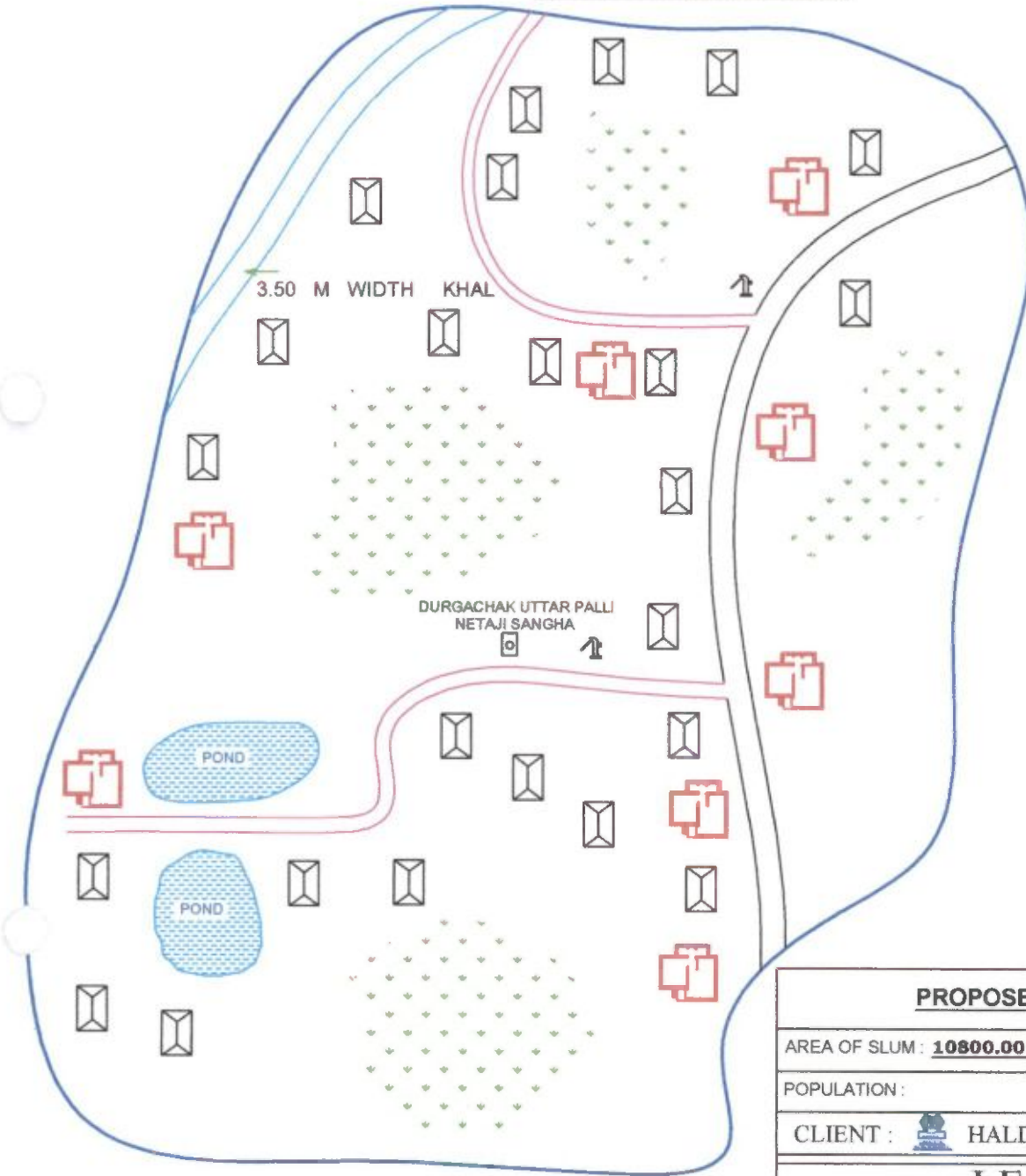


<b>PROPOSED LAND USE</b>			
AREA OF SLUM: <b>10000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
<b>ITEMS</b>	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1

**HALDIA MUNICIPALITY**



**WARD NO - 08**  
**UTTAR DURGACHAK DAS PARA**  
**SLUM NO:- 053**  
**AREA:- 10800.00 SQM.**






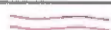

**PROPOSED LAND USE**

AREA OF SLUM : **10800.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

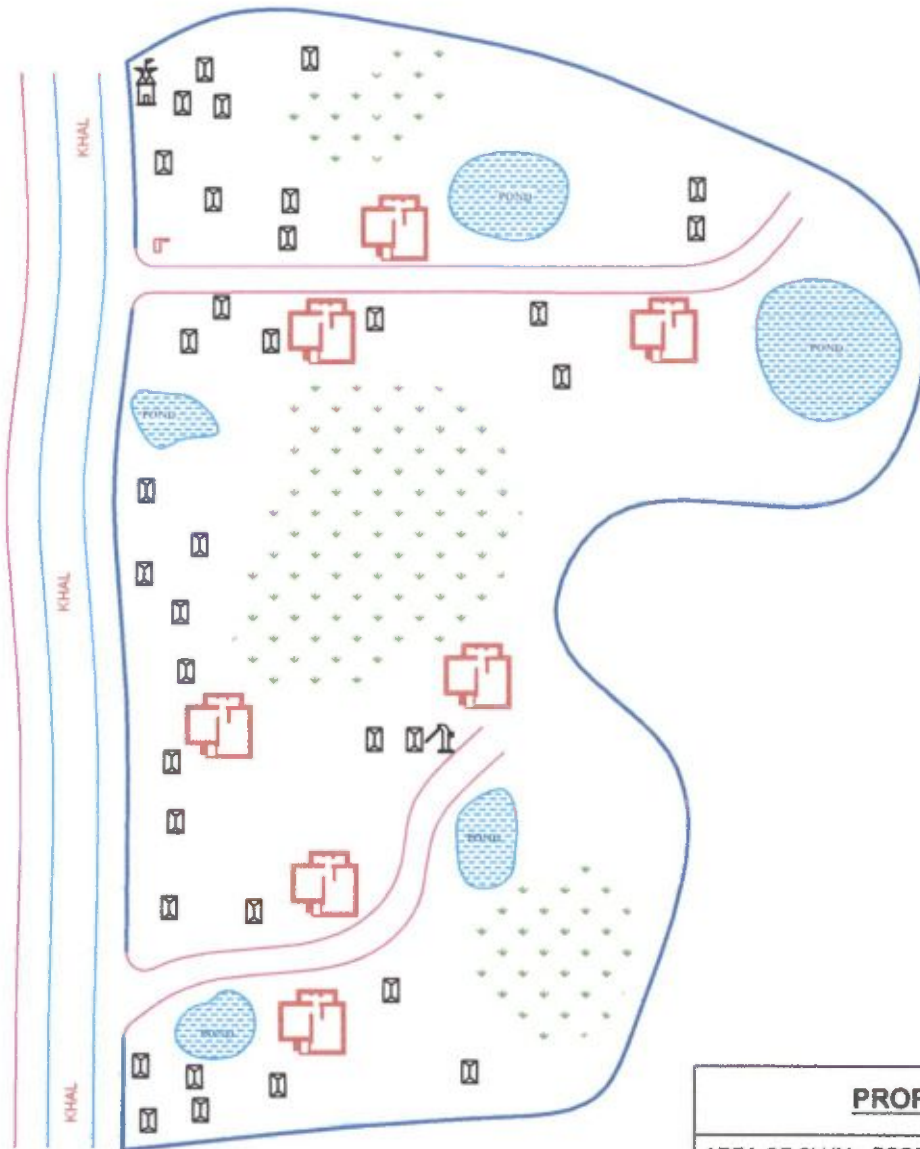
**LEGEND**




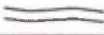


ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			8
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			8

**HALDIA MUNICIPALITY**



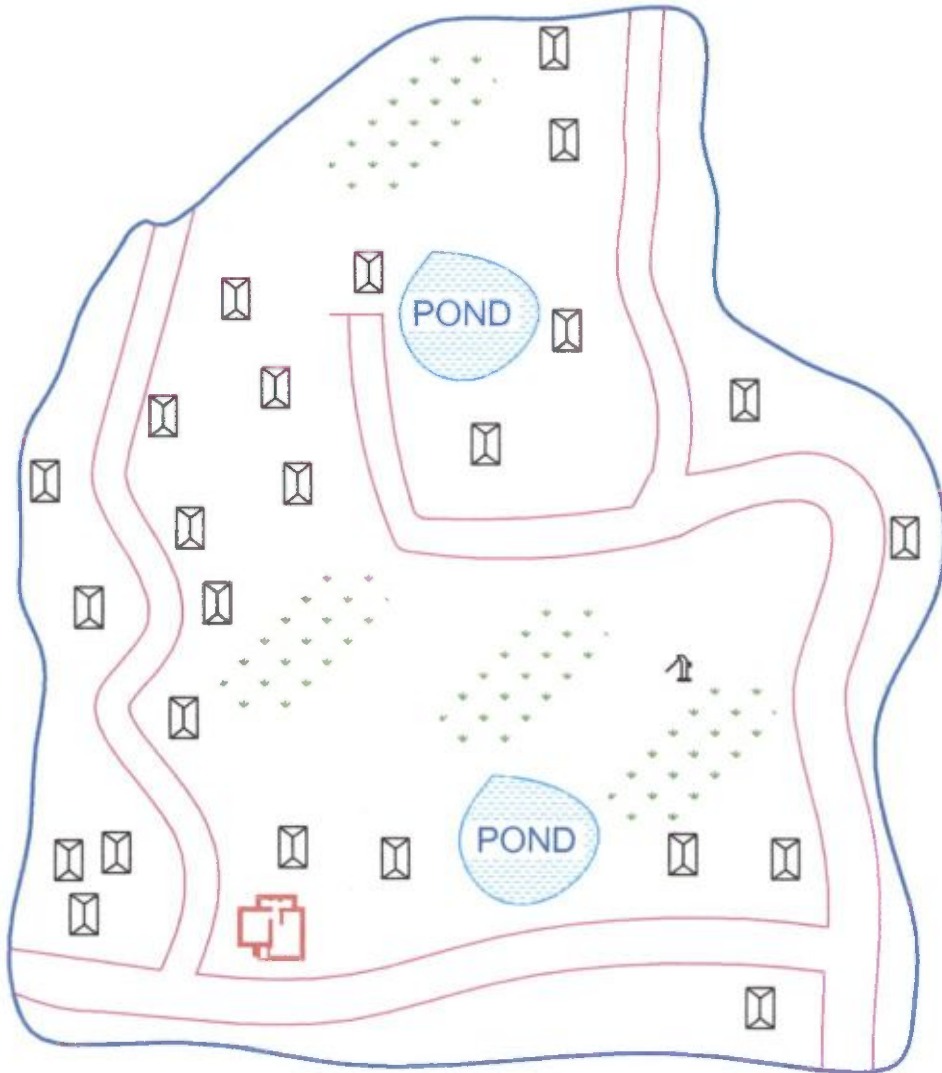
**WARD NO - 08**  
**KHALPAR BASTI**  
**SLUM NO:- 054**  
**AREA:- 8000.00 SQM.**



<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>8000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			7
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			7

**HALDIA MUNICIPALITY**

**WARD NO - 08**  
**CPT MARKET BAZAR BASTI**  
**SLUM NO:- 117**  
**AREA:- 8000.00 SQM.**






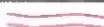

**PROPOSED LAND USE**

AREA OF SLUM : **8000.00 SQM.**

POPULATION :

CLIENT :  **HALDIA MUNICIPALITY**

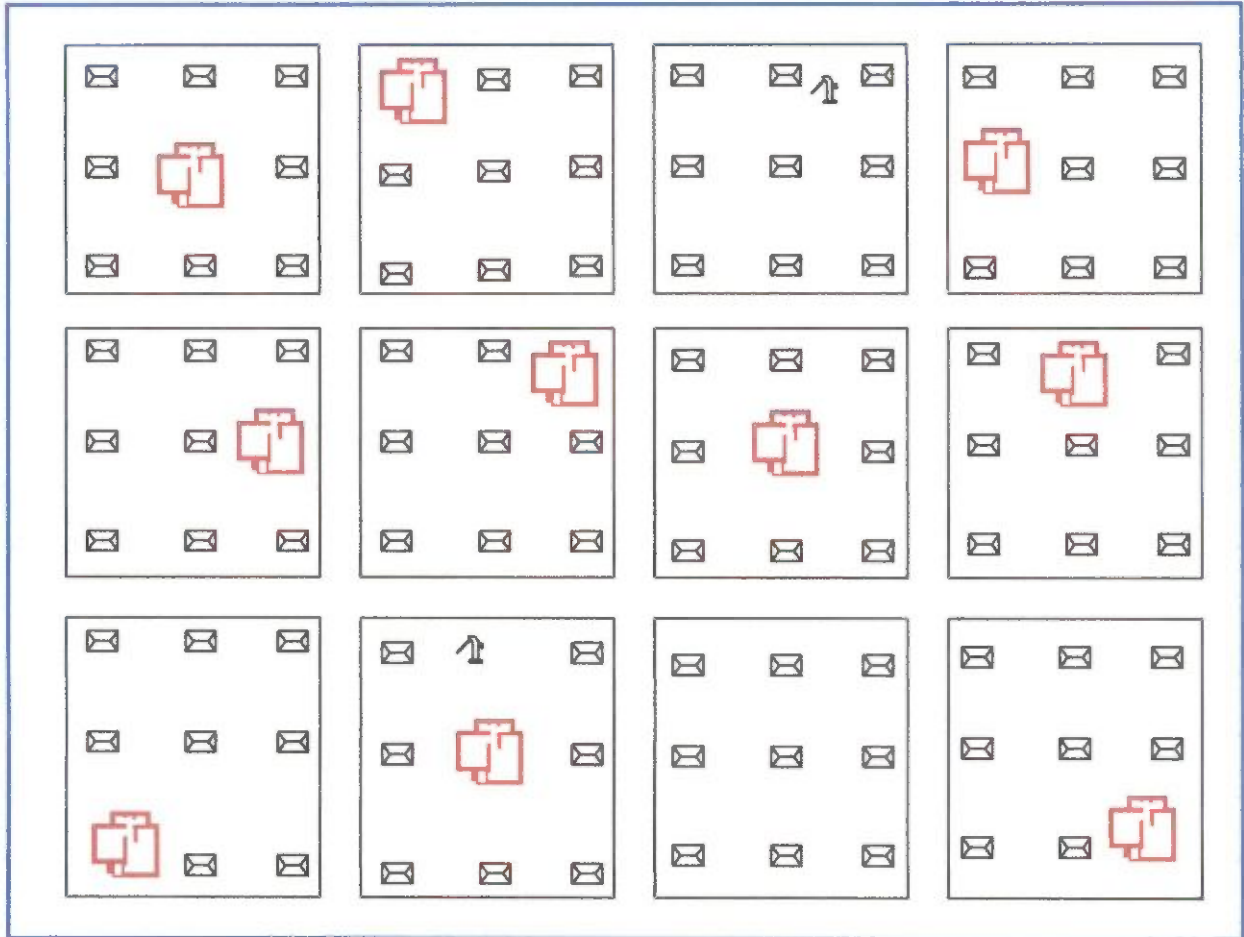
**LEGEND**







ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1

**HALDIA MUNICIPALITY**



**WARD NO - 09**  
**DURGACHAK G BLOCK BASTI**  
**SLUM NO:- 055**  
**AREA:- 12500.00 SQM.**



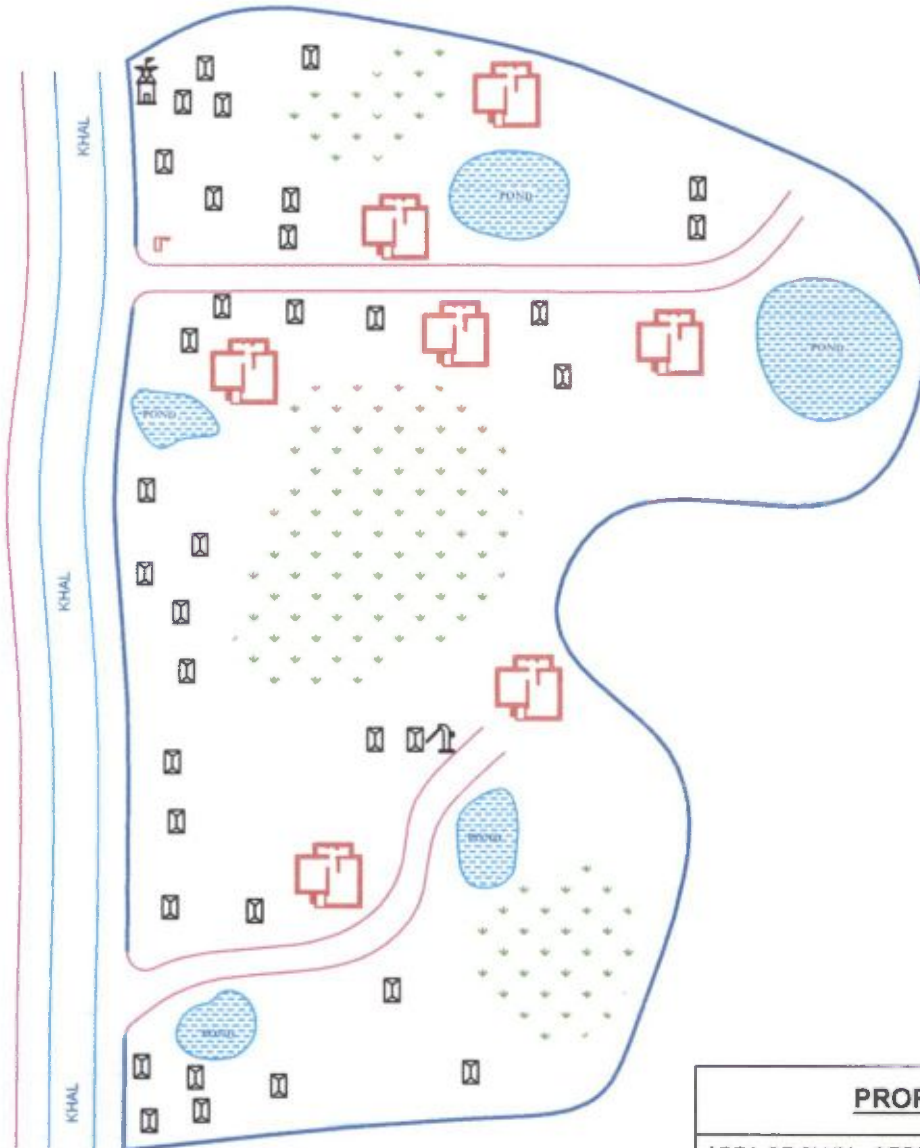
PROPOSED LAND USE			
AREA OF SLUM : <b>12500.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			10
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			10









**HALDIA MUNICIPALITY**



**WARD NO - 09**  
**NEW COLONY KHALPAR DAKSHIN BASTI**  
**SLUM NO:- 056**  
**AREA:- 15000.00 SQM.**

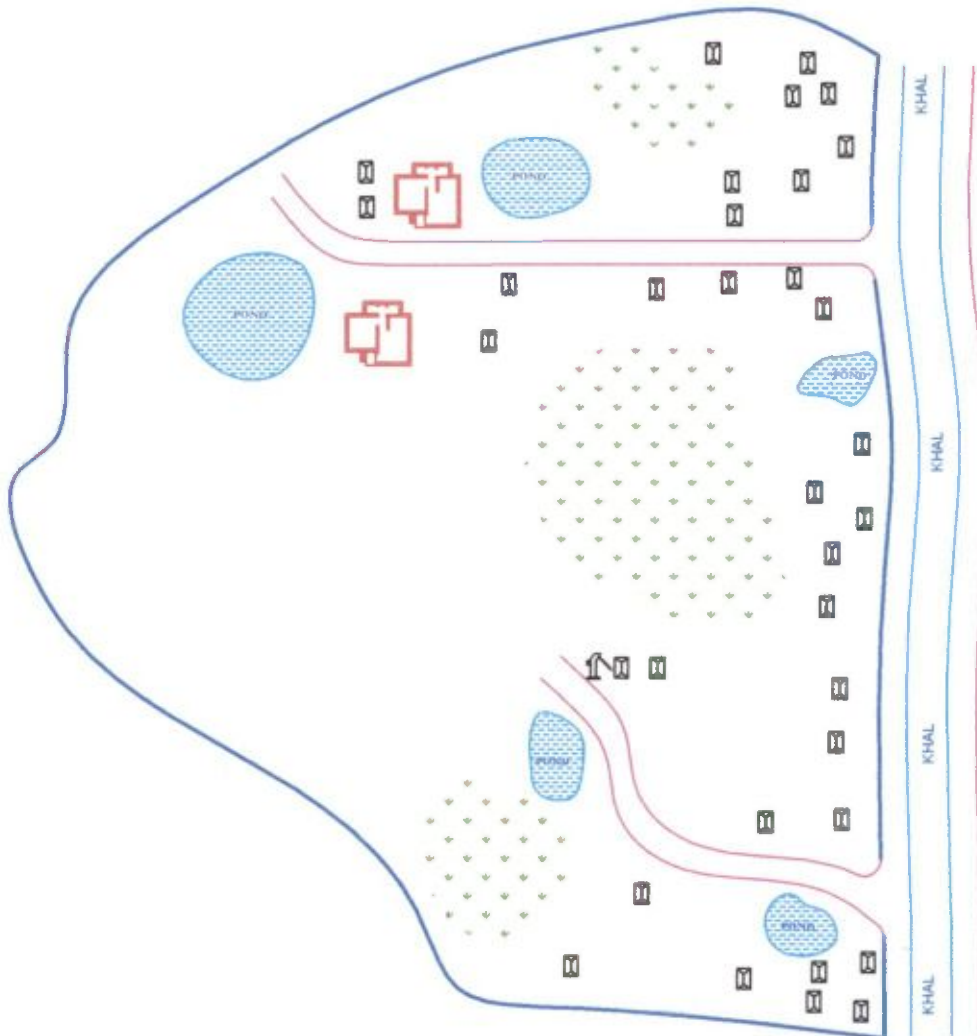


PROPOSED LAND USE			
AREA OF SLUM : <b>15000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			7
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			7

**HALDIA MUNICIPALITY**



**WARD NO - 09**  
**NEW COLONY KHALPAR UTTAR BASTI**  
**SLUM NO:- 057**  
**AREA:- 5000.00 SQM.**





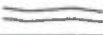


**PROPOSED LAND USE**

AREA OF SLUM : **5000.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

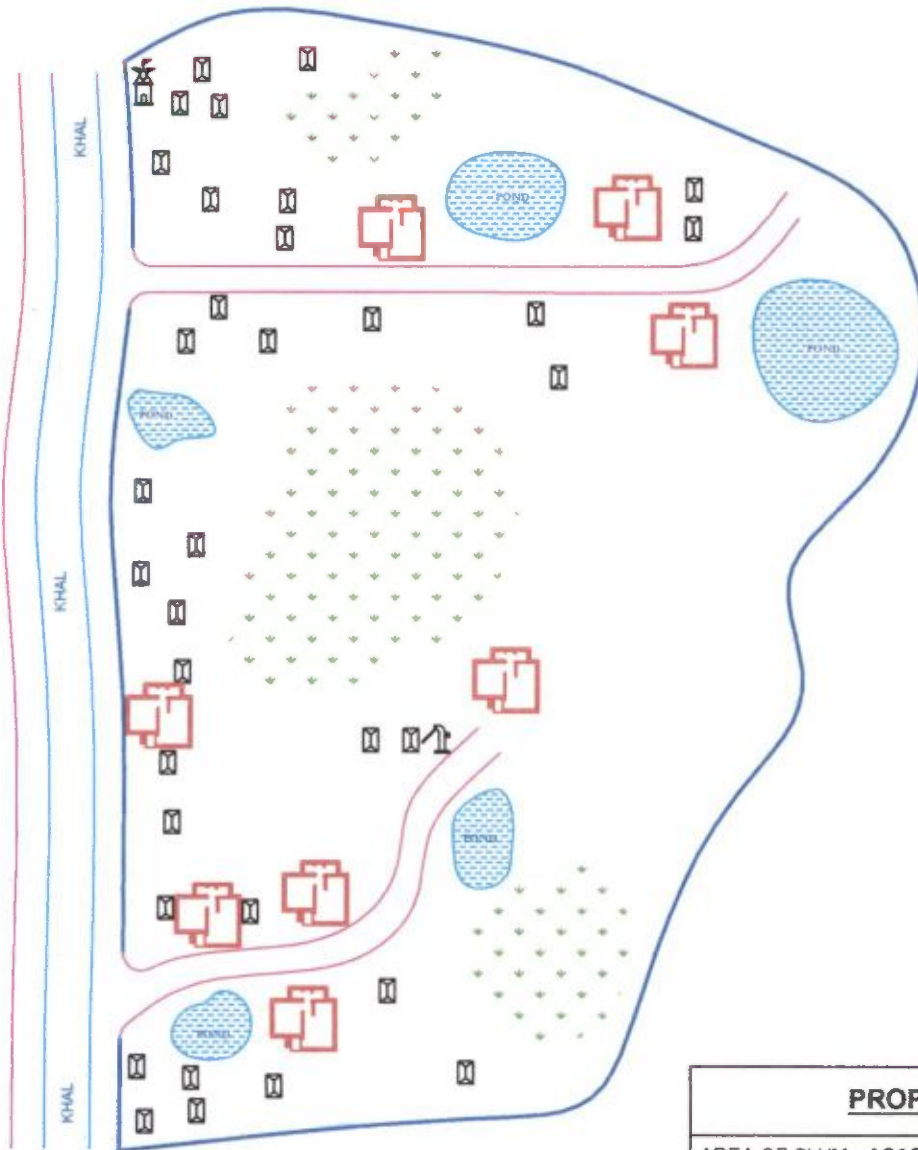
**LEGEND**







ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**



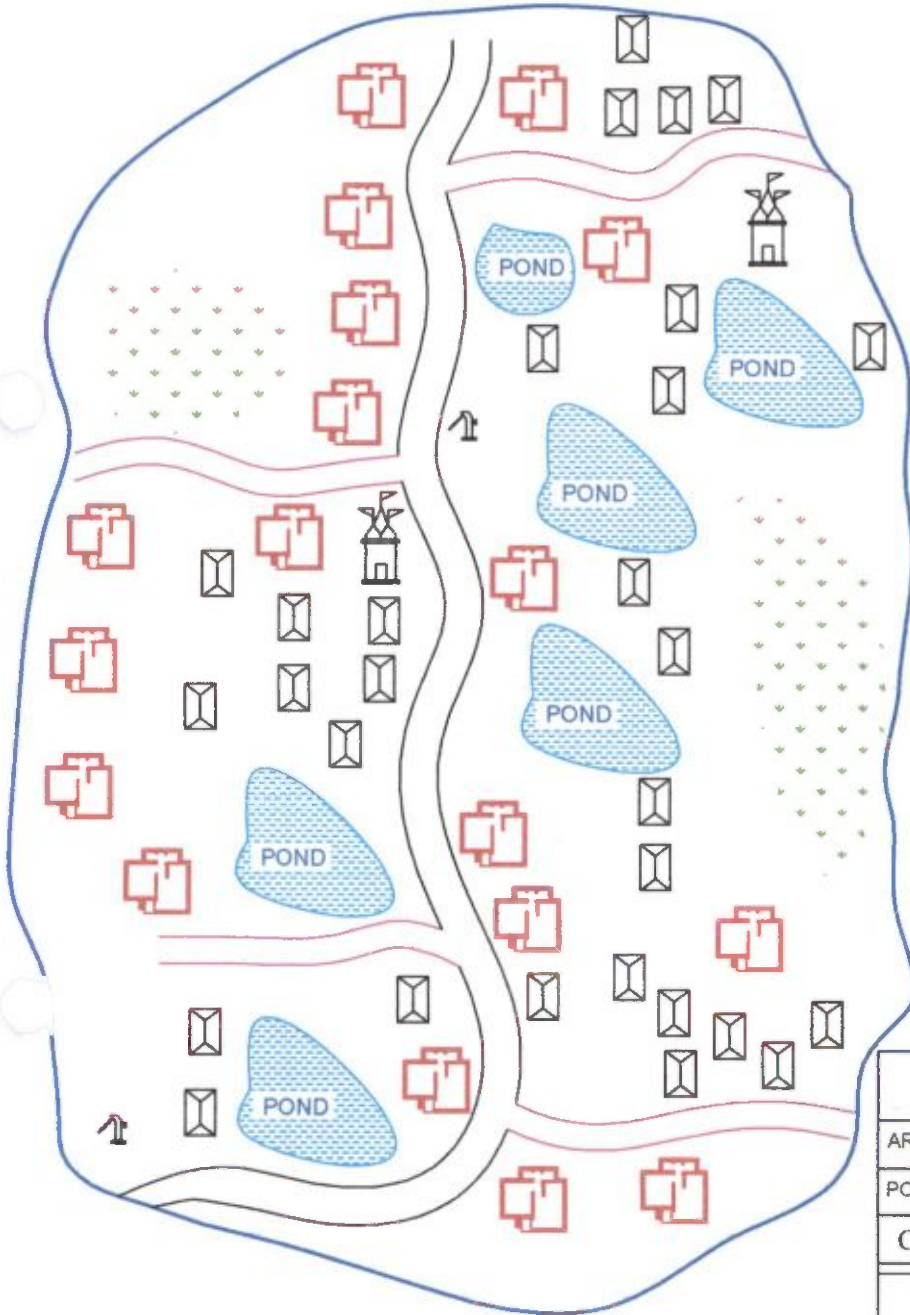
**WARD NO - 10**  
**KHANJANCHAK KHALPAR**  
**SLUM NO:- 059**  
**AREA:- 10100.00 SQM.**



<b>PROPOSED LAND USE</b>			
AREA OF SLUM : <b>10100.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
<b>LEGEND</b>			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			8
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			8

**HALDIA MUNICIPALITY**

**WARD NO - 10  
KHANJANCHAK MAJI PARA  
SLUM NO:- 061  
AREA:- 10000.00 SQM.**





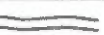


**PROPOSED LAND USE**

AREA OF SLUM : **10000.00 SQM.**

POPULATION :

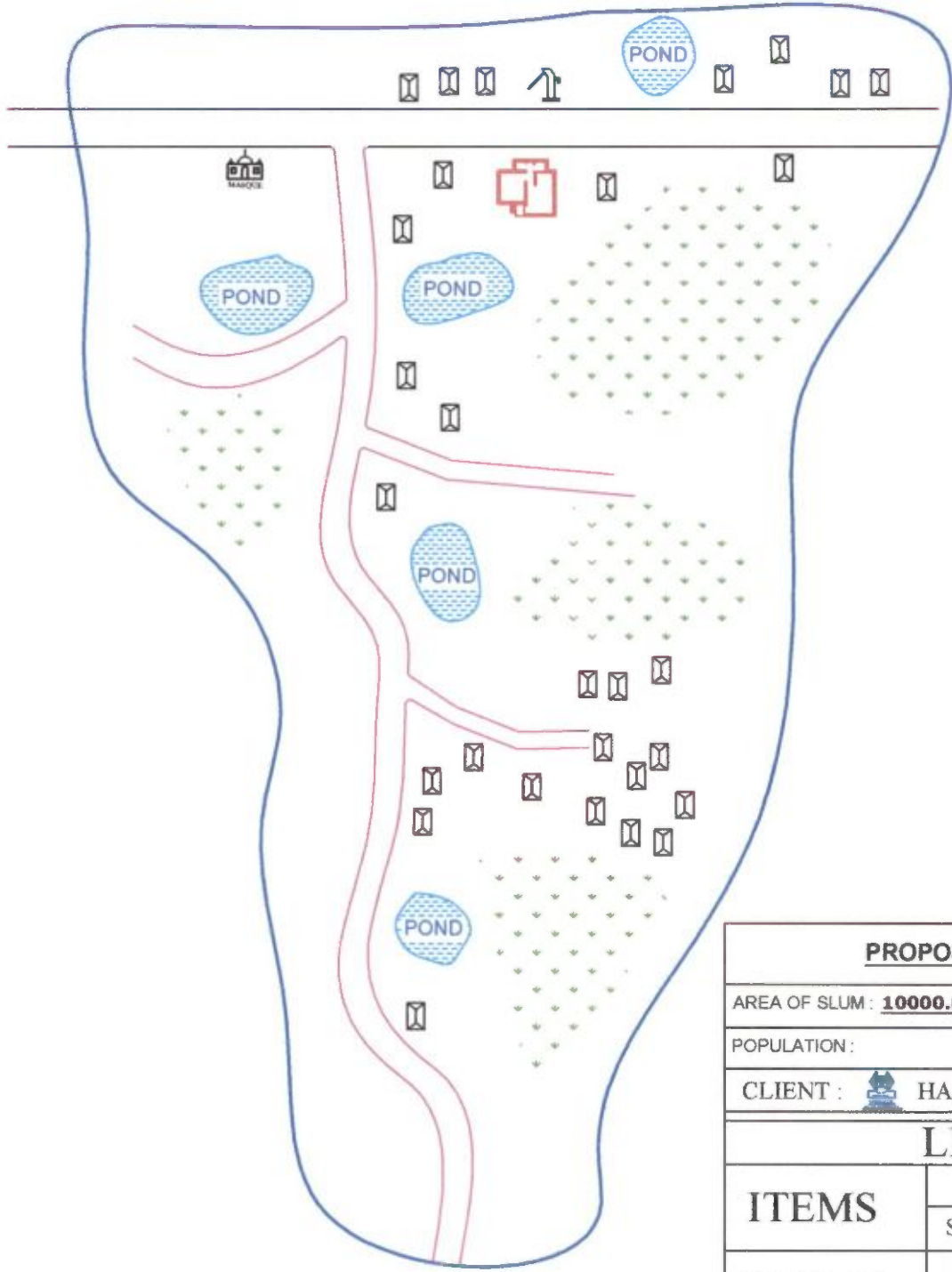
CLIENT :  HALDIA MUNICIPALITY







**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			18
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			18

**HALDIA MUNICIPALITY**

**WARD NO - 10  
BASUDEVPUR  
SLUM NO:- 121  
AREA:- 10000.00 SQM.**

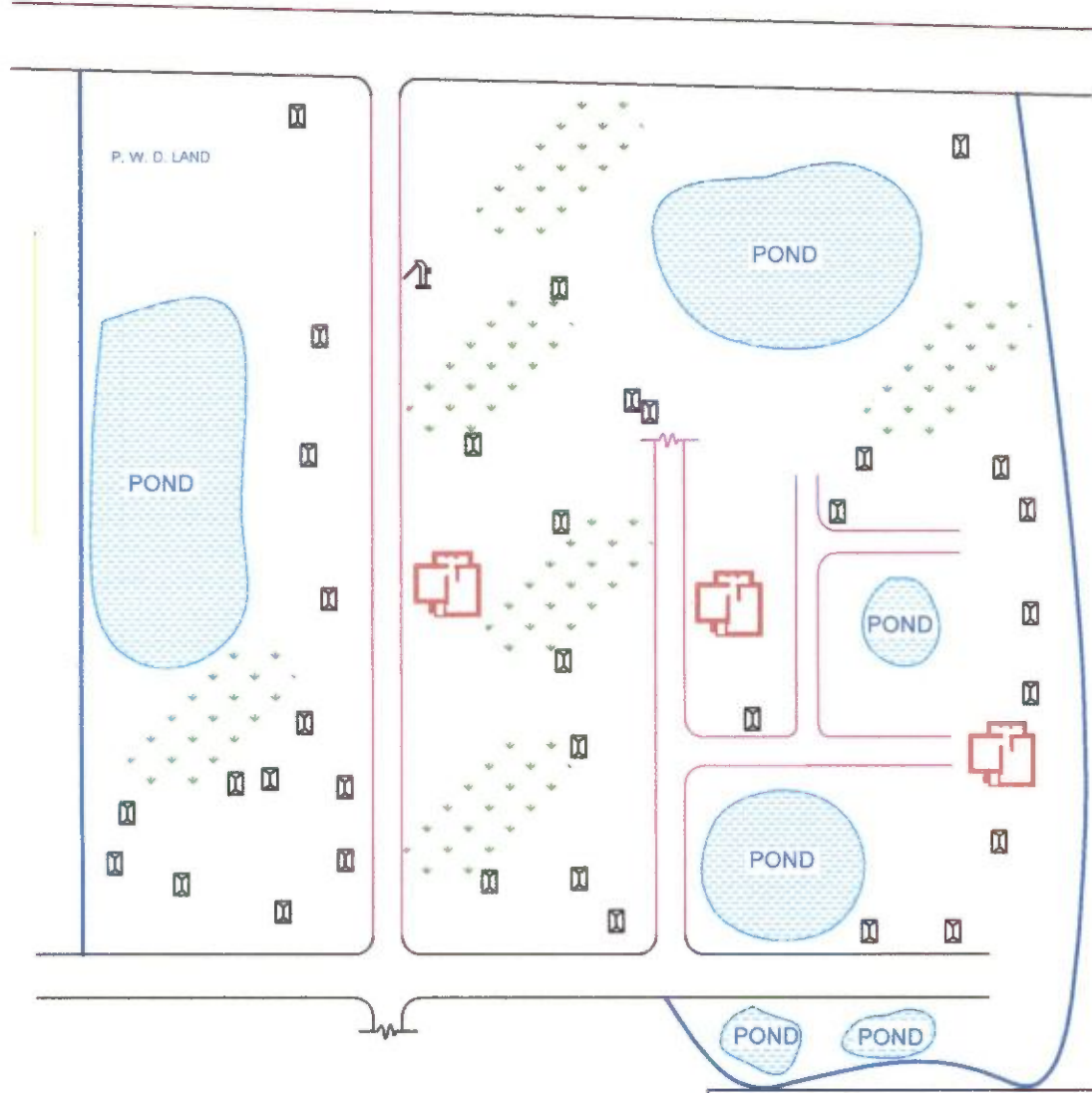


PROPOSED LAND USE			
AREA OF SLUM : <b>10000.00 SQM.</b>			
POPULATION :			
CLIENT :  HALDIA MUNICIPALITY			
LEGEND			
ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1

**HALDIA MUNICIPALITY**



**WARD NO - 12**  
**TENTULBERIA DAKSHIN COLONY**  
**SLUM NO:- 064**  
**AREA:- 8300.00 SQM.**







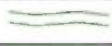
**PROPOSED LAND USE**

AREA OF SLUM : **8300.00 SQM.**

POPULATION :

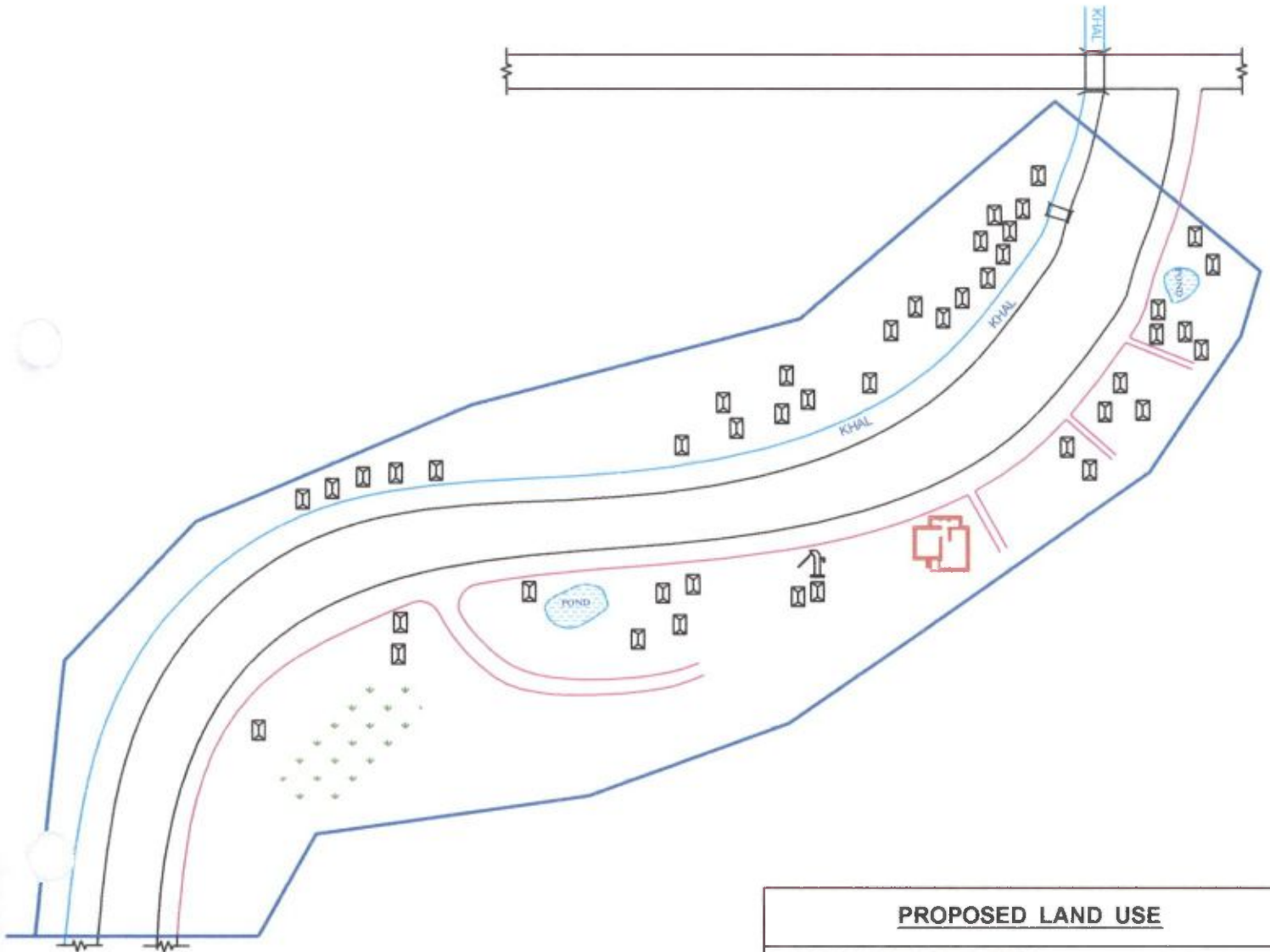
CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2

**HALDIA MUNICIPALITY**

**WARD NO - 12**  
**HPL LINK ROAD SLUM**  
**SLUM NO:- 127**  
**AREA:- 1500.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **1500.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

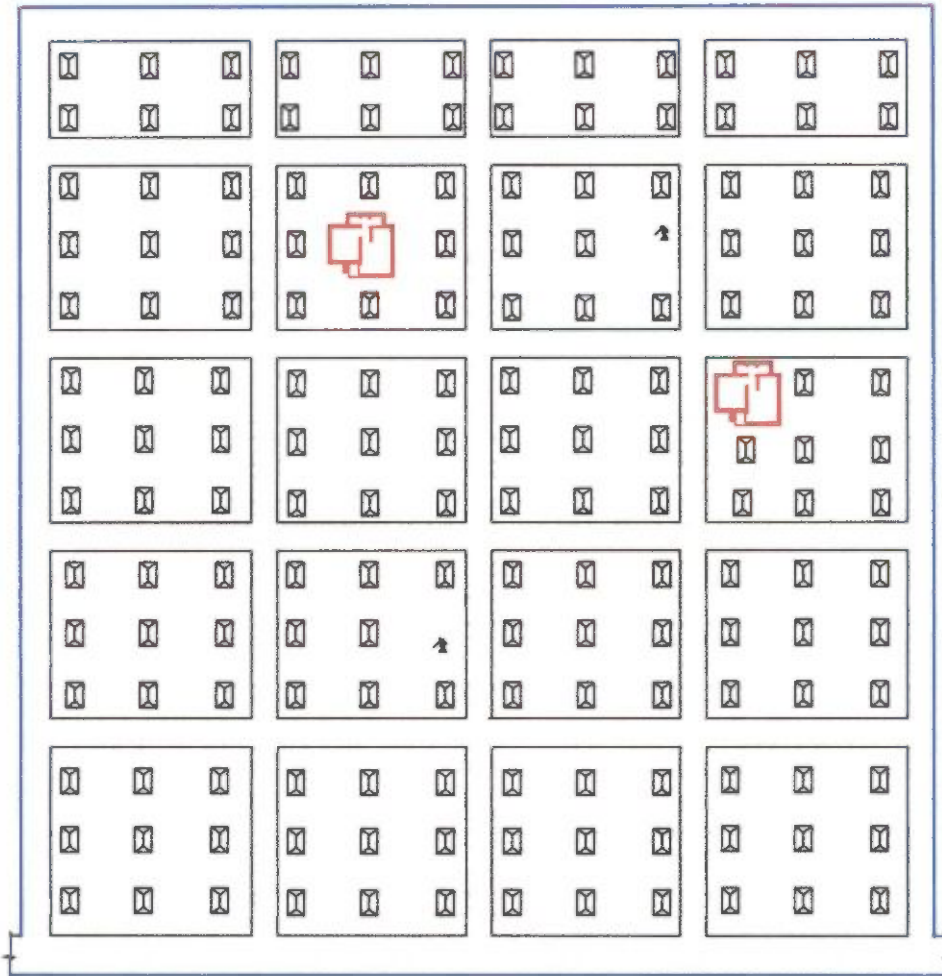
**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			1
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			1

**HALDIA MUNICIPALITY**



**WARD NO - 13  
SUKANTA NAGAR COLONY JHUPRI  
SLUM NO:- 066  
AREA:- 56000.00 SQM.**








**PROPOSED LAND USE**

AREA OF SLUM : **56000.00 SQM.**

POPULATION :

CLIENT :  HALDIA MUNICIPALITY

**LEGEND**

ITEMS	EXTG	PROPOSED	
	SYMBOL	SYMBOL	QTY
DWELLINGHOUSE			2
BLACK TOPPED ROAD			
CONCRETE ROAD			
WATER CONNECTION			2