

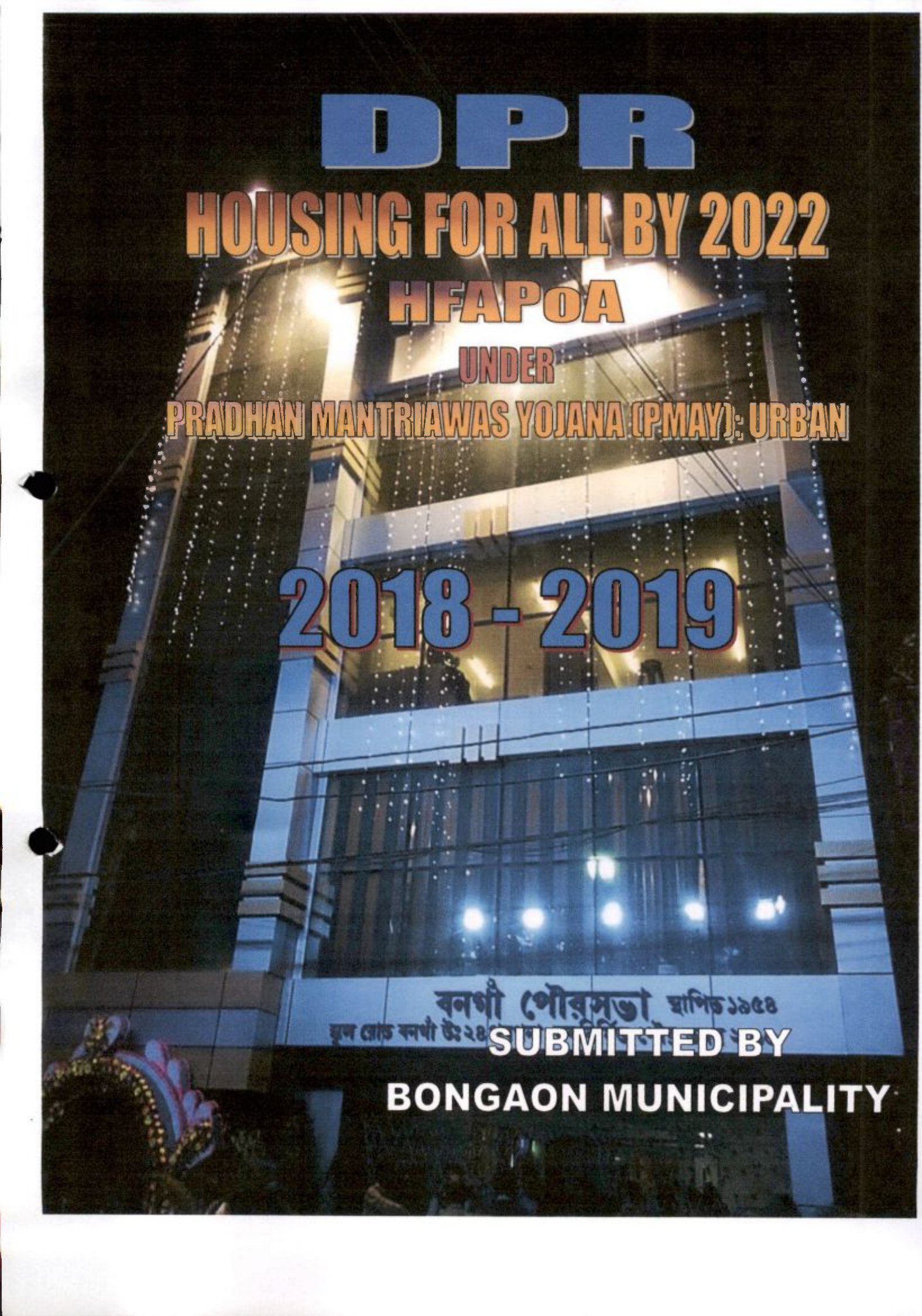
BONGAON MUNICIPALITY

**Detailed Project Report for Construction of 1676 EWS Houses
under BLC mode of Pradhan Mantri Awas Yojana (PMAY)-HFA (U)
for Bongaon Municipality**



Submitted by

**Bongaon Municipality
Dist: North 24 Parganas, West Bengal
November, 2016**



DPR
HOUSING FOR ALL BY 2022
HFAPOA
UNDER
PRADHAN MANTRI AWAS YOJANA (PMAY): URBAN

2018 - 2019

বনগাঁ পৌরসভা স্থাপিত ১৯৫৪
হুল রোড বনগাঁ উঃ ২৪

SUBMITTED BY

BONGAON MUNICIPALITY

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, Affordable Housing in partnership and subsidy for beneficiary led individual house. Under the mission, beneficiaries can take advantage under one component only.

Total beneficiaries of the scheme are 2481 nos from 38 nos slum projected for the year 2018-19 .

Total cost of the project is **Rs. 10043.09 lakhs** as per relevant department & P.W.D. schedule of rates.

PMAY,HFA for Bongaon Municipality for 2018-19

Introductory Note by Chairman / Mayor



Bongaon Municipality was incorporated in 1954 with a view to discharge municipal functions within its administrative jurisdiction.

This Municipality, having its importance as a gateway of Bangladesh and also as an international business point, situated only 5 k.m. distance from the largest land port of India as well as the Indo- Bangladesh International Border.

Passing a long way, to day, keeping pace with the overall development of the state of West Bengal, we have successfully achieved in different significant urban development. Accordingly, we have prepared the Housing for All Plan of Action (HFAPoA). We hope that the HFAPoA will meet the needs of target group of urban people for providing their better standard of living.

I have an honour and privilege to extend my gratitude to all the concerned officials of this Municipality and also the concerned officials of Govt. of West Bengal for their valuable contribution for preparing HFAPoA.

Chairman
Bongaon Municipality

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<u>Estimated project cost for DPR will be the total figure and collated figure of all the slumwise summary sheets.</u>	
<u>The project cost estimate in the DPR should include –</u>	
<u>Project Implementation & Management Framework</u>	
<u>Operation & Maintenance Plan</u>	
<u>Project Financials</u>	

Abbreviation

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

Working Definitions

Affordable Housing Project: Housing Projects where 35 % of the houses are constructed for EWS category

Beneficiary **A beneficiary family will comprise husband, wife and unmarried children. The beneficiary family should not own a pucca house (an all-weather dwelling unit) either in his//her name or in the name of any member of his/her family in any part of India**

Carpet Area Area enclosed **within the walls, actual** area to lay carpet. This area does not include the thickness of the inner walls.

Central Nodal Agencies Nodal Agencies identified by Ministry for the purposes of implementation of Credit Linked subsidy component of the mission

Economically Weaker Section(EWS) EWS households are defined as households having an annual income up to Rs 3, 00,000(Rupees Three Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre

EWS House An all-weather single unit or a unit in a multi storeyed super structure having carpet area of upto 30 sq.m. with adequate basic civic services and infrastructure services like toilet , water, electricity etc. States can determine the area of EWS as per their local needs with information to Ministry

"Floor Area Ratio" (FAR)/FSI The quotient obtained by dividing the total covered area (plinth area) on all the floors by the area of the plot:

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

If States/Cities have some variations in this definition, State/City definitions will be accepted under the mission

Implementing Agencies Implementing agencies are the agencies such as Urban Local Bodies, Development Authorities, and Housing Boards etc. which are selected by State Government / SLSMC for implementing Housing for All Mission.

Low Income Group (LIG) LIG households are defined as households having an annual income between Rs.3, 00,000 (Rupees Three Lakhs One) up to Rs.6, 00,000 (Rupees Six Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.

Primary Lending Institutions (PLI) Scheduled Commercial Banks, Housing Finance Companies, Regional Rural Banks (RRBs), State Cooperative Banks, Urban Cooperative Banks or any other institutions as may be identified by the Ministry

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

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:	:	North 24 Parganas						
3	Name of the City:	:	Bongaon						
4	Project Name:	:	HFA - BONGAON 2018-19						
5	Project Code:	:	19801691034N0						
6	State Level Nodal Agency:	:	State Urban Development Agency (SUDA)						
7	Implementing Agency/ ULB	:	Bongaon 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		
		:	Bongaon Municipal Area	2481	Covering both Slum & Non-Slum area	Notified	No		
10	Project Cost (Rs. In Lakhs)	:	10043.09						
11	No. of beneficiaries covered in the project	:	GEN	SC	ST	OBC	Total	Minority	Person with Disability
		:	1429	825	0	227	2481	50	0
12	Whether beneficiary have been selected as PMAY Guidelines?	:	Yes						
13	No. of Houses constructed / acquired. Please specify ownership (Any of these)	:	Joint	Female	Male	Transgender			
		:	0	806	1675	0			
14	No. of beneficiaries covered in the project	:	Male	Female	Transgender				
		:	1675	806	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)	:	3721.5						

	(Rs. in Lakhs)		
	ii. State grant, (Rs. in Lakhs)	:	5244.83
	iii. ULB grant (Rs. in Lakhs)	:	456.504
	iv. Beneficiary Share (Rs. in Lakhs)	:	620.25
	v. Total (Rs. in Lakhs)	:	10043.09
18	Whether technical specification / design for housing have been ensured as per Indian Standards / NBC/ State Norms?	:	Yes
19	Whether it has been ensured that balance cost of construction is tied up with State Grant, ULB Grant & Beneficiary Share ?	:	Yes
	Whether trunk and line infrastructure is existing or being provisioned ?	:	
	i. Water Supply	:	Yes
	ii. Sewerage	:	No
	iii. Road	:	Yes
	iv. Storm Water Drain	:	Yes
	v. External Electrification	:	Yes
	vi. Solid Waste Management	:	Yes
	vii. Any Other	:	Yes
	viii. In case, any infrastructure has not been proposed, reason thereof.	:	-
20	Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation of the project?	:	Yes
21	Whether Demand Survey Completed for entire city?	:	Yes
22	Whether City-wide integrated project have been formulated? If not reasons thereof?	:	Yes
23	Whether validation with SECC data for housing condition conducted ?	:	Yes
24	Whether Direct Benefit Transfer (DBT) of fund to individual bank account of beneficiary ensured in the project ?	:	Yes

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

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

 Signature of the
 Mayor/ Chairperson/Municipal Commissioner
SANKAR ALDHYA
Chairman
 BONGAON MUNICIPALITY

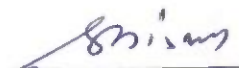
 Signature
 Chief Engineer
 M.E Dte,GoWB

 Signature
 Director,SUDA

 Signature
 Principal Secretary,
 UD & MA Department,GoWB

3 STORM WATER DRAINS

	DRAIN	350X 500	6546.95	Mtr	2673.00	175.00000	175.00	0.00	87.50	87.50	
	DRAIN	350X 800	6306.52	Mtr	4463.70	281.50400	281.5	0.00	140.75	140.75	
	Total Infrastructure Cost Sub Total (B)					913.01	913.01	0.00	456.50	456.50	0.00
	GRAND TOTAL (A+B)					10043.09	10043.09	3721.50	5244.83	456.50	620.25


Signature of the ULB level
Competent Technical officer

Name & Designation:
SWAPAN BISWAS
SAE

Fax No: 03215-257641

Telephone No: 03215-255021

E-mail:
chairmanbm@gmail.com

Signature of the State
level Competent
Technical Officer

Name & Designation: Chief
Engineer, MeDte, GoWB
Bikash Bhavan, South
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91

Fax No: 033-23375474

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E-mail: ce_medte@yahoo.com

Signature

Director(SUDA)

Name & Designation: Smt D. Dutta Gupta,
Director, SUDA

Fax No: 033-23585767

Telephone No: 033-23585767

E-mail: wbsudadir@gmail.com

Signature of the
Chairperson
Bongaon Municipality

SANKAR ADDHYA
Chairman
BONGAON MUNICIPALITY

Name & Designation:

Sri Sankar Addhya

Fax No: 03215-257641

Telephone No: 03215-
255021

E-mail:
chairmanbm@gmail.com

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 within year 2022, to create pucca house for every family.

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

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

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

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

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

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

many canvassers from the sourced slum or nearby slum pockets;

9. Collection of bio-metric identification data of slum dwellers based on the above survey (subject to guidelines issued by Unique Identity Authority of India (UIDAI));
10. Entry of data from Slum Surveys in the web-enabled MIS application (to be provided by Ministry of HUPA), compilation and collation of data, preparation of Slum-wise, City and State Slum Survey Database and Baseline Reports. The MIS will assist in developing a robust Slum and Slum Households Information System. (Guidelines and software for development of the MIS will be issued by the Ministry of HUPA);
11. Integration of Slum MIS with GIS Maps to enable the preparation of GIS-enabled Slum Information System that is to be used for the preparation of meaningful Slum Development Plans and Slum-free City Plan using a city-wide/zone-based approach. (Guidelines and software for development of GIS platform and its integration with the MIS will be issued by the Ministry of HUPA);

Introduction to Pradhan Mantri Awas Yojana (PMAY)

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

- Bringing existing slums within the formal system and enabling them to avail of the same level of basic amenities as the rest of the town.
- Redressing the failures of the formal system that lie behind the creation of slums.

- Tackling the shortages of urban land and housing that keep shelter out of reach of the urban poor and force them to resort to extra-legal solutions in a bid to retain their sources of livelihood and employment.

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

- An integrated approach covering shelter, services and livelihoods for poor slum communities.

The duration of Pradhan Mantri Awas Yojana [PMAY]

2015 TO 2022

Eligible Components of the PMAY:

Allotment of Houses

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

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

Following infrastructure will be considered for support under PMAY:

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

Need for Projects

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

Such innovation could encompass:

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

Aims and Objectives

Vision

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

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

Objectives

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

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

State PMAY Mission Director

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

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

Funding Pattern of PMAY

Funding pattern for PMAY (Housing for all)

- Central Share 1.5 LAKHS of total cost of dwelling unit
- Beneficiary share 0.25 LAKHS of total cost of dwelling unit
- State Share rest of total cost of dwelling unit
- State + ULB bear the cost of infrastructure
- State share for infrastructure to be minimum 5%
- ULB share for infrastructure to be minimum 5%
- Cost of infrastructure 10 % of sum total cost of dwelling unit

Approvals & Release of Funds

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

Project Cost and Financing Strategy

For Dwelling Unit

Total no of Dwelling unit = 3500 Nos

Rate per Dwelling unit = 3.68 Lakhs

Total Cost of Dwelling unit = $3500 \times 3.68 = 12880.00$ Lakhs

Central Share = 3500×1.5 Lakhs = 5250.00 Lakhs

State Share = 3500×1.93 Lakhs = 6755.00 Lakhs

Beneficiary Share = 3500×0.25 Lakhs = 875.00 Lakhs

ULB Share = NIL

For Infrastructure

10 % of total Dwelling unit cost = 12880.00 Lakhs $\times 10\% = 1288.00$ Lakhs

Central Share = NIL

State Share = $50\% \times 1288.00$ Lakhs = 644.00 Lakhs

Beneficiary Share = NIL

ULB Share = $50\% \times 1288.00$ Lakhs = 644.00 Lakhs

The total project cost will be 14168.00 Lakhs

Out of these 14168.00 Lakhs is the cost of Housing Infrastructure. The following table shows the share of cost between housing infrastructure & Physical Infrastructure.

Table: Cost Break up between Housing & Infrastructure

SINo.	Component	Cost on Lakhs
1.	Housing Cost(2022) Dwelling Units)	12880.00
2.	Infrastructure Cost	1288.00
	Total	14168.00

Materials of construction:

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

Definition of Slum for Housing

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

- a. All areas notified as 'Slum' by State/Local Government and UT Administration under any Act;
- b. All areas recognized as 'Slum' by State/Local Government and UT Administration, which have not been formally notified as slum under any Act;

'Slum' or 'Slum Area'– is a compact settlement of at least 20 households (For NE & Special Category States it is 10-15 households) with a collection of poorly built tenements,

mostly of temporary nature, crowded together usually with inadequate sanitary and drinking water facilities in unhygienic conditions.

Situation Appraisal

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

Proposed Intervention

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

Building Plan

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

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

Compliance with Municipal Bye laws

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

Building material

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

Structural Design

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

Design data

- Live load: 2.0 kN/m² at typical floor
- 1.5 kN/m² on terrace (With Access) : 0.75 kN/m² on terrace (without Access)
- Floor finish 50mm (0.05*24) = : 1.2 kN/m²
- Ceiling plaster 12mm (0.012*20.8) : 0.25 kN/m²
- Partition walls (Wherever Necessary) : 1.0 kN/m²

- Terrace finish: 1.5 kN/m²
- Earthquake load: As per IS-1893 (Part 1) - 2002
- Depth of foundation below ground: ,0.7 m
- Walls: 250 mm thick brick masonry walls at external and 125mm walls internal.

Reference codes:

- IS 456: 2000 - Code of practice -Plain and Reinforced concrete.
- IS :1893 :2002 - Criteria for Earthquake resistant design of structures(Part-1)
- IS: 13920: 1993 - Ductile detailing of Reinforced concrete structures subjected to seismic forces.
- SP: 34 - Hand Book on Concrete Reinforcement and Detailing.
- S: 875: 1987 - Code of practice for design loads (other than earthquake) for buildings and structures. (Part-2)
- NBC:2005

Introduction to Bongaon Municipality:

Bongaon is a "C" category town of west Bengal. The town Bongaon is very well linked with its Sub divisional head quarter and also with Kolkata (State Capital) through National & state Highways. It is just 78km away from Kolkata, it has an average elevation of 7 meters (22feet),it has enough scope for development activities. Bongaon is a sub-divisional Town, Situated within the District of North 24 Parganas. It is surrounded in the east by neighboring Country , Bangladesh. West by North 24 Parganas District, South by North 24 parganas district , and North by Nadia District. The river named Ichamati flow over this town. The vision of the Bongaon Municipality is to transform Bongaon into a vibrant, Beautiful, green, environmentally clean, pollution free urban area along with self reliant, transparent, pro-poor and technically equipped governance. Providing basic infrastructures like water supply, sanitation, communication and storm water drainage , solid waste management along with health facilities as per standards and norms to all the citizens. The existing land to be used properly.

1.3. City Profile and Overview

Bongaon is a city and a Municipality in North 24 Parganas District in the State of West Bengal, India. It is one of the five sub divisional town in the district of North 24 Parganas having the district Head Qaters at Barasat .The Bongaon town is located lat 23.04° N 88.83° E and at an average altitude of 7 metres (22 feet) above M.S. L. It is the last station on the Sealdah-Bongaon section of Eastern Railway, 77 km from Sealdah Station.. The Sealdah – Bongaon railway was built between 1882 and 1884 and was subsequently extended upto Petropole, the terminal station at the Indo- Bangladesh border.

- i) Bongaon Municipality was established in the year 27/01/1954, Within this eventful period it has made despite numerous odds a remarkable progress. It started its journey with only 5 Circle with 5 Nos of Councillor. Today the total number of population has 102,115 and also 22 Nos. of Ward. (Ref. ward map no. M2,page 26A)
- ii) **Administrative Boundary:-** The Bongaon Municipality is situated under North 24 Parganas Districts. It is surrounded by the Kolapur Panchyot in the east,Chyagharia Panchyot in the north, Kolapur Panchyot in the South and Gopalnagar II in the West(Map)
 - a) Rail –Bongaon is connected by railway service to Kolkata in the south and Ranaghat in the north which are again connected to all major cities and in business activities in the country.). It is the last station on the Sealdah-Bongaon section of Eastern Railway, 77 km from Sealdah Station although it is extended upto Indo-Bangladesh border at Petropole for the goods traffic. It is part of the Kolkata Suburban Railway system. The Sealdah – Bongaon railway was built between 1882 and 1884.Bongaon is one of the getwats to the neighboring country Bangladesh.
 - b) Road- National Highway No-34 goes through the Bongaon Subdivision. "Chakdah Road" is the connector/Bypass between NH-34 and NH-35. (connectivity map)
 - c) Air port- The nearest airport is Netaji Subhas Chandra Bose (International,Domestic) Airport situated at Dum Dum which is nearly 70 km from Bongaon.
 - d) Sea port – The navigable route of waterways used by the Kolkata Dock is the only source available to Bongaon area.
- iii) **Economic Base-** The majority of house holds of Bongaon have single source income which is reported as 81.23% of the total house holds and the rest 18.77% house holds have 2 earning members in a family (source : Socio-Economic House Hold Survey,2007).
- iv) **Demographic growth-** As of 2001 India census, Bongaon had a population of 102,115. Males constitute 51% of the population and females 49%. Bongaon has an average literacy rate of 76%, higher than the national average of 59.5%; with 55% of the Males and 45% of Females literate. 10% of the population is under 6 years of age.

- v) Climatic Data- Bongaon is located at 23.04° N 88.83° E. It has an average elevation of 7 metres (22 feet) Rainfall - 1,579mm (normal). Temperature - Max 41 °C in May and Min 10 °C in January. Relative Humidity - Between 50% in March & 90% in July.

Milstones:

ELECTRIC Crematorium :

Our electric crematorium namely has been constructed by Bongaon Municipality the bank of river Ichhamoti. The Crematorium is double Furnace Unit and with secondary burning chamber. Most modern in its category and Air pollution is nearly Zero.

SeshKheya :

For carry of dead body in decent manner from Hospital residence and finally upto Burning Ghat a SeshKheya is always ready available at our main Administrative Office. The body chamber of our SeshKheya is fully Air Conditioned and stainless steel finish.

Ambulance Facility :

This Municipality is providing Ambulance facility for carrying patients to Hospital within and outside Municipality area. This service is available from main administrative building at City Centre and from Maternity Centre.

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

- Health Centre
- Maternity Centre
- Diagnostic Centre
- Primary Health Posts

Water Supply provided by PHE

In existing water supply system of Municipality town, Bongaon Municipality provides water supply to the major part. The infrastructure available with HM includes treatment plant.

The Treatment plant, Rising main pipeline, Booster Pumping stations, OHR and distribution network, which are in existence today. Extension of the distribution network to cover added areas to meet shortfall in demand have been carried out by HM from time to time.

- Citizen Charter
- Double Entry Accrual Based Accounting System
- Birth & Death Certificate computerization system
- Tax collection computerization system
- Store computerization system
- 80% increase in own source revenue



Jawaharlal Nehru Nation Urban Renewal Mission (JnnurM)

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

IHSDP Schemes of JNNURM under BONGAON MUNICIPALITY

BSUP PHASE-I

Project Name :	IHSDP Scheme for the Town of Bongaon , 24 Parganas (North) ,West Bengal.
Date of Sanction :	27/03/2009
Project Cost (Rs in Lakh)	Rs. 1463.89 Lakhs.
Number of Dwelling Units	767 No's.

Infrastructure Component

Funding Pattern (Rs. In Lakh)

1. Water Supply	Rs. 53.41
2. Drainage	Rs. 104.03
3. Cement Concrete Road	Rs. 194.87
4. Bituminous Road	Rs. 33.61
5. Street Light	Rs. 66.90
6. Community Hall	Rs. 50.96

7. Digester	Rs. 25.00
8. Rickshaw Stand	Rs. 7.94
9. Animal pen	Rs. 27.54
10. Hedge boundary	Rs. 1.71
11. Informal Market	Rs. 59.07
12. Livelihood Centre	Rs. 67.70
13. Jogging Track	Rs. 4.18
Total =	Rs. 1463.89

This project is near to completion.

Technical Assistance

MED

Nodal Agency

SUDA

Population

Demographic Data for Bongaon Municipality

Year	Population	Area (Sq. km)	Density (Pop/Sq. km)	% Growth 91-2001		
				Bongaon	West Bengal	India
2001	102163	14.274	6718	6.15	24.77	23.52
2011	108864					
2021	115559					

Total Area of Municipality	14.274 Sq. Km.
Population (as per 2011 SECC)	108864
Male (as per 2011 SECC)	55382
Female (as per 2011 SECC)	53482
Density of Population (as per 2011 SECC)	6718
Number of Municipal Wards	22
Number of Councillors	22

City Level Number of notified and non-notified slums					
City	No. of Non-Slums	No. of Notified Slums	No. of Non Notified	% Proportion of Slums	
				No. of Notified Non-Slums	No. of Notified
Bongaon	0	23	15	60%	40%

Key Findings – Slums under Municipality :

List of slums under Bongaon Municipality :

SL. NO.	Ward Number	Slum Code	Slum Name	Number of total Households (Including pucca)	AREA in Sq Mt
1	1	10009	KUTHIBARY AMBEDKAR COLONY & JOYPUR	669	1078
2	2	10035	JOYPUR	723	240
3	3	20005	JOYPUR FULTALA COLONY	227	95
4	3	10015	MATHPARA & CHRISTANPARA	283	205
5	3	20006	MATIGANJ NICHU PARA	31	48
6	4	10011	BICHALIHATA	141	26
7	5	10018	KHAIRAMARY	490	221
8	6	20027	BIBHUTIPALLY JOLE	95	85
9	6	20024	MATSAJIBI PARA	36	10
10	6	20026	NATUNGRAM HATAT COLONY	29	78
11	6	10013	TABU COLONY & HATAT COLONY	340	68
12	6	20025	TATIPARA	132	12
13	6	20023	BATTALA (BIBHUTIPALLY)	37	108
14	7	10017	DAS PARA & MINI DAS PARA	203	118
15	7	20028	RAMKRISHNA PALLY (DARGA TALA)	375	160
16	7	20029	CHAMPA BERIA (CHIT MAHAL)	63	90
17	8	10001	CHAMPABERIA	561	286
18	9	20007	BANABIHARI COLONY	159	260
19	9	10014	THAKURPALLY & SHAKTIGARH	474	180
20	10	10032	SHAKTIGARH & MATHPARA	432	69
21	11	10022	SUBHASHPALLY & DEBGARH	636	177
22	12	10022	SUBHASHPALLY & DEBGARH	556	118
23	13	10019	CHARAKTALA	59	25
24	13	20012	PACHIM PARA	252	31
25	14	20030	GANDHIPALLY	59	15
26	14	10021	SUBHASHPALLY	373	315
27	15	10034	KURIRMATH HAZRATALA	374	115
28	16	20004	BASAK PARA	117	60
29	16	10016	MAJHERPARA	327	8
30	17	10020	SHIMULTALA	409	280
31	18	10010	MILANPALLY & PURBAPARA	411	79
32	19	10037	POLLYSHREE	927	1045
33	19	20003	CHITRAKAR PARA	43	110
34	20	10008	SAHAPARA & BABUPARA	328	276
35	21	10036	DHAKAPARA	906	2489
36	22	10033	NAYAGOPALGANJ	588	128

37	22	10031	SIKDARPALLY	385	1800
38	22	20002	SOUTH SUBHAS PALLY	33	134
			TOTAL	10402	10642

Project Justification

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

Ward Number	Slum Code	Slum Name	Slum Status	Physical location	Ownership of Land	Prone to flooding	Fringe Area / Core Area
1	10009	KUTHIBARY AMBEDKAR COLONY & JOYPUR	Notified	Other / non hazardous zone	Private	Not Prone	F
2	10035	JOYPUR	Notified	Other / non hazardous zone	Private	Not Prone	F
3	20005	JOYPUR FULTALA COLONY	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
3	10015	MATHPARA & CHRISTANPARA	Notified	Other / non hazardous zone	Private	Not Prone	F
3	20006	MATIGANJ NICHU PARA	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
4	10011	BICALIHATA	Notified	Other / non hazardous zone	Private	Not Prone	C
5	10018	KHAIRAMARY	Notified	Other / non hazardous zone	Private	Not Prone	F
6	20027	BIBHUTIPALLY JOLE	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
6	20024	MATSAJIBI PARA	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
6	20026	NATUNGRAM HATAT COLONY	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
6	10013	TABU COLONY & HATAT COLONY	Notified	Other / non hazardous zone	Private	Not Prone	F
6	20025	TATIPARA	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
6	20023	BATTALA (BIBHUTIPALLY)	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
7	10017	DAS PARA & MINI DAS PARA	Notified	Other / non hazardous zone	Private	Not Prone	F
7	20028	RAMKRISHNA PALLY (DARGA TALA)	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
7	20029	CHAMPA BERIA (CHIT MAHAL)	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
8	10001	CHAMPABERIA	Notified	Other / non hazardous zone	Private	Not	F

						Prone	
9	20007	BANABIHARI COLONY	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
9	10014	THAKURPALLY & SHAKTIGARH	Notified	Other / non hazardous zone	Private	Not Prone	F
10	10032	SHAKTIGARH & MATHPARA	Notified	Other / non hazardous zone	Private	Not Prone	F
11	10022	SUBHASHPALLY & DEBGARH	Notified	Other / non hazardous zone	Private	Not Prone	F
12	10022	SUBHASHPALLY & DEBGARH	Notified	Other / non hazardous zone	Private	Not Prone	F
13	10019	CHARAKTALA	Notified	Other / non hazardous zone	Private	Not Prone	C
13	20012	PACHIM PARA	Non-Notified	Other / non hazardous zone	Private	Not Prone	C
14	20030	GANDHIPALLY	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
14	10021	SUBHASHPALLY	Notified	Other / non hazardous zone	Private	Not Prone	F
15	10034	KURIRMATH HAZRATALA	Notified	Other / non hazardous zone	Private	Not Prone	C
16	20004	BASAK PARA	Non-Notified	Other / non hazardous zone	Private	Not Prone	C
16	10016	MAJHERPARA	Notified	Other / non hazardous zone	Private	Not Prone	C
17	10020	SHIMULTALA	Notified	Other / non hazardous zone	Private	Not Prone	F
18	10010	MILANPALLY & PURBAPARA	Notified	Other / non hazardous zone	Private	Not Prone	C
19	10037	POLLYSHREE	Notified	Other / non hazardous zone	Private	Not Prone	F
19	20003	CHITRAKAR PARA	Non-Notified	Other / non hazardous zone	Private	Not Prone	F
20	10008	SAHAPARA & BABUPARA	Notified	Other / non hazardous zone	Private	Not Prone	C
21	10036	DHAKAPARA	Notified	Other / non hazardous zone	Private	Not Prone	F
22	10033	NAYAGOPALGANJ	Notified	Other / non hazardous zone	Private	Not Prone	F
22	10031	SIKDARPALLY	Notified	Other / non hazardous zone	Private	Not Prone	F
22	20002	SOUTH SUBHAS PALLY	Non-Notified	Other / non hazardous zone	Private	Not Prone	F

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 30 years in this slum. Hence, dwellers are now permanently depending on 22 nos slums and 1 no Non slum. This justifies as a parameter on the importance of Slum for In situ development.

Housing Status

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

House Type /Structure

Sl No	Name of Slum	Semi Pucca	Kuchha	Total
1	KUTHIBARY AMBEDKAR COLONY & JOYPUR	82	110	192
2	JOYPUR	72	109	181
3	JOYPUR FULTALA COLONY	20	35	55
4	MATHPARA & CHRISTANPARA	30	25	55
5	MATIGANJ NICHU PARA	2	8	10
6	BICALIHATA	8	25	33
7	KHAIRAMARY	31	109	140
8	BIBHUTIPALLY JOLE	8	17	25
9	MATSAJIBI PARA	17	18	35
10	NATUNGRAM HATAT COLONY	13	12	25
11	TABU COLONY & HATAT COLONY	42	45	87
12	TATIPARA	35	45	80
13	BATTALA (BIBHUTIPALLY)	12	15	27

14	DAS PARA & MINI DAS PARA	45	68	113
15	RAMKRISHNA PALLY (DARGA TALA)	65	48	113
16	CHAMPA BERIA (CHIT MAHAL)	32	26	58
17	CHAMPABERIA	80	98	178
18	BANABIHARI COLONY	18	22	40
19	THAKURPALLY & SHAKTIGARH	101	39	140
20	SHAKTIGARH & MATHPARA	62	78	140
21	SUBHASHPALLY & DEBGARH	89	98	187
22	SUBHASHPALLY & DEBGARH	43	78	121
23	CHARAKTALA	6	9	15
24	PACHIM PARA	7	8	15
25	GANDHIPALLY	13	36	49
26	SUBHASHPALLY	23	29	52
27	KURIRMATH HAZRATALA	9	8	17
28	BASAK PARA	6	9	15
29	MAJHERPARA	17	18	35
30	SHIMULTALA	54	154	208
31	MILANPALLY & PURBAPARA	46	68	114
32	POLLYSHREE	73	257	330
33	CHITRAKAR PARA	7	125	132
34	SAHAPARA & BABUPARA	20	75	95
35	DHAKAPARA	45	189	234
36	NAYAGOPALGANJ	33	32	65
37	SIKDARPALLY	37	28	65
38	SOUTH SUBHAS PALLY	2	22	24
		1305	2195	3500

Land Tenure status

All of the existing households are encroachment on Municipal land.

KUTHIBARY AMBEDKAR COLONY & JOYPUR	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
JOYPUR	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes

JOYPUR FULTALA COLONY	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
MATHPARA & CHRISTANPARA	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
MATIGANJ NICHU PARA	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No

4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
BICHALIHATA	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
KHAIRAMARY	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km

10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
BIBHUTIPALLY JOLE	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
MATSAJIBI PARA	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
NATUNGRAM HATAT COLONY	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected

2. Connectivity to City-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
TABU COLONY & HATAT COLONY	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
TATIPARA	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff

7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
BATTALA (BIBHUTIPALLY)	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4.Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
DAS PARA & MINI DAS PARA	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4.Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
RAMKRISHNA PALLY (DARGA TALA)	

Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
CHAMPA BERIA (CHIT MAHAL)	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
BANABIHARI COLONY	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No

5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
THAKURPALLY & SHAKTIGARH	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4.Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
SHAKTIGARH & MATHPARA	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4.Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable

11. Whether Street light facility is available in the Slum	Yes
SUBHASHPALLY & DEBGARH	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
SUBHASHPALLY & DEBGARH	
Physical Infrastructure	Status
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
CHARAKTALA	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No

4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
PACHIM PARA	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
GANDHIPALLY	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable

11. Whether Street light facility is available in the Slum	Yes
SUBHASHPALLY	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
KURIRMATH HAZRATALA	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
BASAK PARA	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No

5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
MAJHERPARA	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4.Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
SHIMULTALA	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4.Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
MILANPALLY & PURBAPARA	

1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
POLLYSHREE	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
CHITRAKAR PARA	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days

8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
SAHAPARA & BABUPARA	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4.Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
DHAKAPARA	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4.Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9.Distance from the nearest Motorable road	Less than 0.5 km
10.Internal Road	Non-motorable
11.Whether Street light facility is available in the Slum	Yes
NAYAGOPALGANJ	
1. Connectivity to City-wide Water Supply System	Partially connected

2. Connectivity to City-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
SIKDARPALLY	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable katcha
9. Distance from the nearest Motorable road	Less than 0.5 km
10. Internal Road	Non-motorable
11. Whether Street light facility is available in the Slum	Yes
SOUTH SUBHAS PALLY	
1. Connectivity to City-wide Water Supply System	Partially connected
2. Connectivity to City-wide Strom-water Drainage Supply System	Partially connected
3. Connectivity to City-wide Sewerage System	No
4. Whether the slum is prone to flooding due to rains	No
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 2 days

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

Majority of the household uses public taps for water supply. The situation of water supply in the slum is poor. There are presently two water tap only.

Sewerage and Storm Water Drains

Sewerage system is not available at Bongaon Municipality. Drainage system as available is very poor. Disposal of storm water/ Sullage disposal drain/ culverts are insufficient. Stagnant water has been observed at many places in and around the slum.

Solid waste

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

Roads

Approach roads to the slums are motor able but roads within slum are in dilapidated condition.

Roads in front of premises			
Motorable Pucca	Motorable Katcha	Non Motorable Pucca	Non Motorable Katcha
0%	30%	36%	34%

Electricity

Majority of the household (100%) have electricity connections, The street lights are maintained by the Municipality

Literacy level

It is observed that 152 of the population are illiterate. Literacy of the female population is less than that of the male.

Details of Social Infrastructure at a glance:

KUTHIBARY AMBEDKAR COLONY & JOYPUR

Education & Social Infrastructure

Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	No
Private Pre-school	NA
Primary School	
Municipal	No
State Government	Yes
Private	No
High School	
Municipal	No
Private	No
State Government	No
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA

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

2. JOYPUR

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	No
Private Pre-school	NA
Primary School	
Municipal	1
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA

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

3. JOYPUR FULTALA COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	

Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA

Youth Association	1
Women's Association/Mahila Samithis	NA

4. MATHPARA & CHRISTANPARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	1
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA

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

5. MATIGANJ NICHU PARA

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

High School	
Municipal	NA
Private	NA
State Government	Within distance less than 1 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

6. BICHALIHATA

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

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

1. KHAIRAMARY

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

Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

BIBHUTIPALLY JOLE

Education & Social Infrastructure
Pre-primary School

Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA

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

MATSAJIBI PARA

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

Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

NATUNGRAM HATAT COLONY

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

Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 3 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

TABU COLONY & HATAT COLONY**Education & Social Infrastructure**

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 3 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA

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

TATIPARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km .
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 3 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA

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

BATTALA (BIBHUTIPALLY)

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	1
State Government	Within distance less than 3 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 3 km

Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

DAS PARA & MINI DAS PARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	

Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 3 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

RAMKRISHNA PALLY (DARGA TALA)**Education & Social Infrastructure**

Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 3 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA

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

CHAMPA BERIA (CHIT MAHAL)

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 3 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA

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

CHAMPABERIA

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

Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

BANABIHARI COLONY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA

State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

THAKURPALLY & SHAKTIGARH**Education & Social Infrastructure**

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

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

SHAKTIGARH & MATHPARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA

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

SUBHASHPALLY & DEBGARH

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

Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

CHARAKTALA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA

State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 1 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

PACHIM PARA

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

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

GANDHIPALLY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 1 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 1 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA

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

SUBHASHPALLY

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

Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

KURIRMATH HAZRATALA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km

Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 2 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2.5 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA

Slum-dwellers Association	NA
Youth Association	I
Women's Association/Mahila Samithis	NA

BASAK PARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA

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

MAJHERPARA

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

Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

SHIMULTALA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA

State Government	Within distance less than 1 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 1 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

MILANPALLY & PURBAPARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 1 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 3 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 4 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA

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

POLLYSHREE

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 3 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km

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

CHITRAKAR PARA

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

Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2.5 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

SAHAPARA & BABUPARA

Education & Social Infrastructure
Pre-primary School

Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	NA
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 2.5 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA

No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

DHAKAPARA

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	
Municipal	1
State Government	Within distance less than 2 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 1 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA

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

NAYAGOPALGANJ

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

Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

SIKDARPALLY

Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	Within distance less than 1 km
Municipal Pre-school	NA
Private Pre-school	NA
Primary School	

Municipal	1
State Government	Within distance less than 0.5 km
Private	NA
High School	
Municipal	NA
Private	NA
State Government	Within distance less than 0.5 km
Adult Education Centre	NA
Health Facilities	NA
Urban Health Post	NA
Primary Health Centre	NA
Government Hospital	Within distance less than 3 km
Maternity Centre	NA
Private Clinic	NA
Registered Medical Practitioner (RMP)	NA
Ayurvedic Doctor/Vaidya	NA
Social Development/Welfare	NA
Community Hall	NA
Livelihood/Production Centre	NA
Vocational Training/Training cum Production Centre	NA
Street Children Rehabilitation Centre	NA
Night Shelter	NA
Old Age Home	NA
Self Help Groups/DWCUA Groups in Slum	NA
No. of Neighbourhood Groups (NHGs) in slum	NA
Slum-dwellers Association	NA
Youth Association	1
Women's Association/Mahila Samithis	NA

SOUTH SUBHAS PALLY

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

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

ULB Contribution:

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

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

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	1.93	Nil	0.25
	Infrastructure	Nil	5 %	5 %	Nil

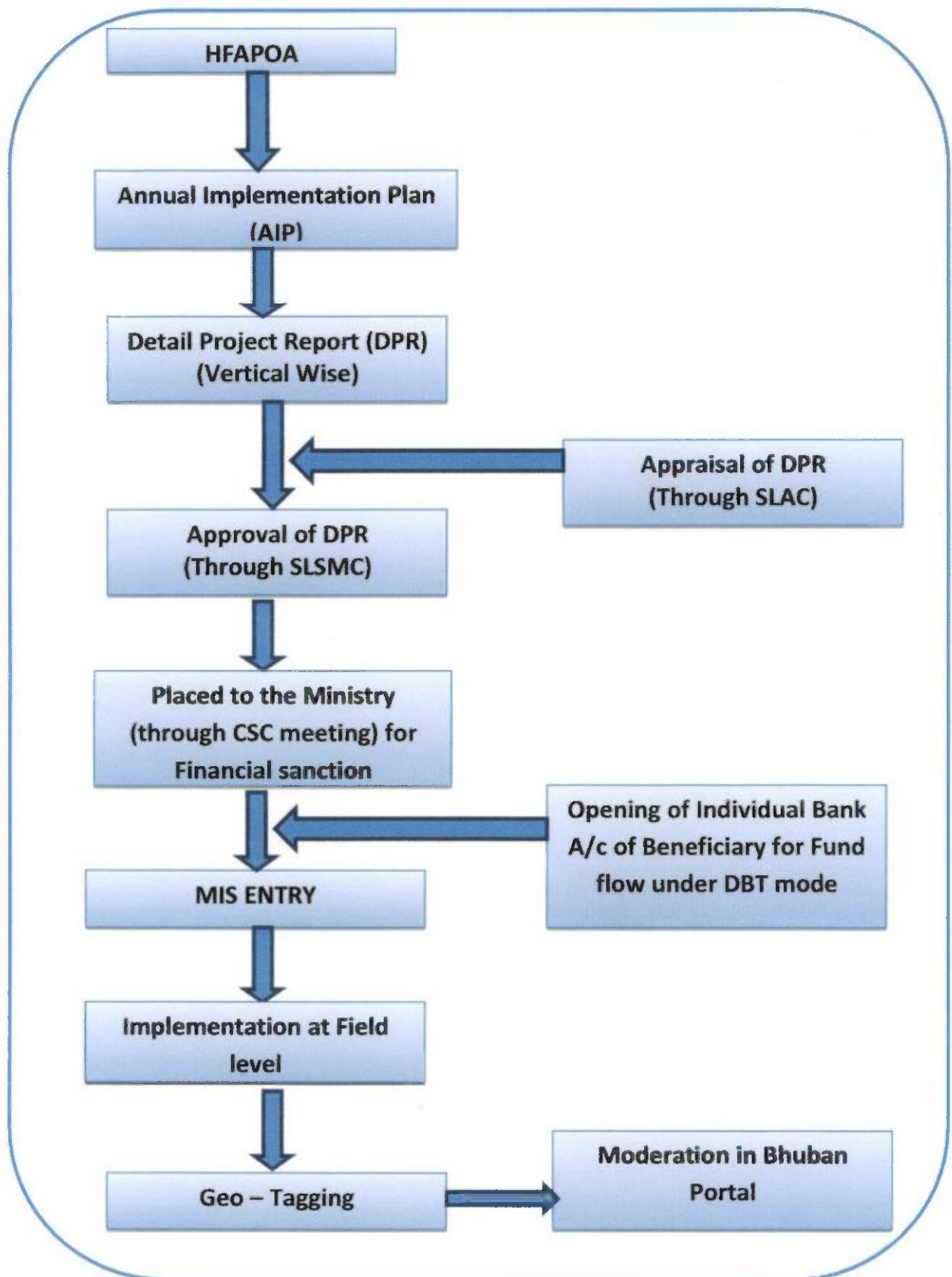
Environment Impact Assessment

IMPACT & REMEDIES		
1.	Utilization of alternative material Characteristics and availability of alternative material	Locally available bricks etc. will be used.
2.	Rehabilitation of water bodies & measures for maintaining surface runoff smoothly	No water body is affected by the alignment of road. The road side open C. C. / Brick masonry drains have been provided for free flow of storm water.

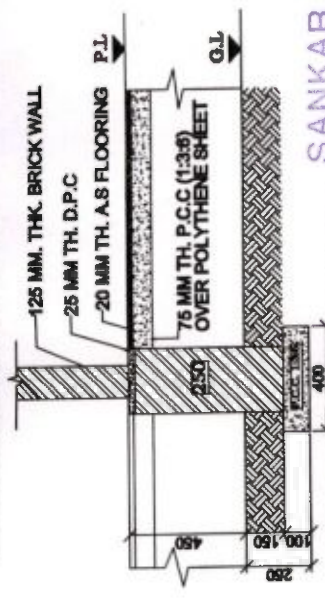
3.	Measures for Erosion Control	Not applicable for the slum area.
4.	Conservation of Topsoil a. Extent of loss of topsoil b. Area requirement for topsoil conservation c. Inclusion of conservation of topsoil d.	Not applicable for the slum area.
5.	Impact on Heritage & Culture a. Identification of locally significant cultural properties b. Assessment of likely impacts on each cultural property due to project implementation c. Possible measures for avoidance i) Identification of alternative routes ii) Relocation of Culture property in consultation with the local community iii) Common Property iv)	Question does not arise.
6.	Location of Natural Habitants	It will not be disturbed
7.	Construction of site office / Camp	Temporary construction of camp / office shall be established by contractor and since the project is small and scattered, the temporary impact on environment for Construction Camp / office at the time of execution of work is negligible.
8.	Quarrying of Materials a. Sourcing of materials from quarries b. Lead from various existing quarries c. Adequacy of material for the project in these quarries	The construction materials require for the project shall be procured from : a) Stone metal : from the existing. b) Bricks : From the existing brick fields nearby the project site. c) Sand : From the nearest source. All the materials are sufficiently available.
9.	Water Requirement; Identification of potential sources of water	Water required for the construction of work will be available from ground water. There is no scarcity of water in the region.
10.	Location of Waste Water Disposal : a. Location for disposal of waste water	The surface drain have been proposed in the slum for disposal of waste water.
	b. Outfalls locations for longitudinal drains i) Outfall level and back flow ii) The outfall is in natural stream; measures shall be taken to prevent sediment into the stream.	Natural slope of the ground will be maintained for waterways for discharge of surface runoff. No possibility of back flow except in the case of heavy flood. The storm water drain of the slums will discharge the water to the main high drain of the town.
11.	Air Pollution during construction work	Work shall be carried out by equipments like concrete mixer machine vibrator etc. at this time of concerting work only for which air pollution will be

		negligible.
12.	Identify locations susceptible to induced development	Locations vulnerable to induced development: In such location the Municipality has committed not to allow building construction activity. a. Lands within 50 m of junctions b. Agricultural lands with enforce restriction on building activity on either side of road. Stretches within 100m of worship places, weekly fairs and locations of community mass gatherings.
13.	Roles and responsibilities of municipality in regulating development	The municipality shall lay down restrictions on building activities along the by-pass roads : 1. Municipality will enforce restriction on building activity on either side of road. 2. Development of Residential sites outside Existing Settlement. Appropriate measure towards the removal of encroachments onto the public land to be taken.
14.	Traffic Congestion and related air & noise pollution	As the road passes through the slum area of the town and two wheelers, Three wheelers, light vehicle will move hence there will not be any traffic congestion, related air & noise pollution.
15.	Opportunity in economic activities due to ease of transportation system	The benefits due to this project are : 1. Generation of Man days 2. Improvement in Household or population sector i.e. Improvement of personal health, hygiene, socio- economic condition, education etc.

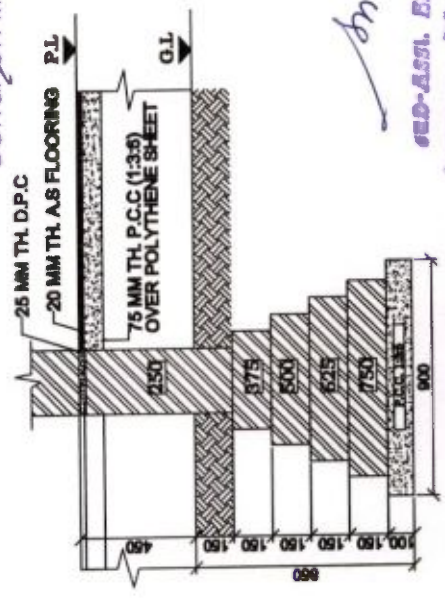
Work flow of PMAY – HFA (U) for 2016-17



FOUNDATION DETAILS



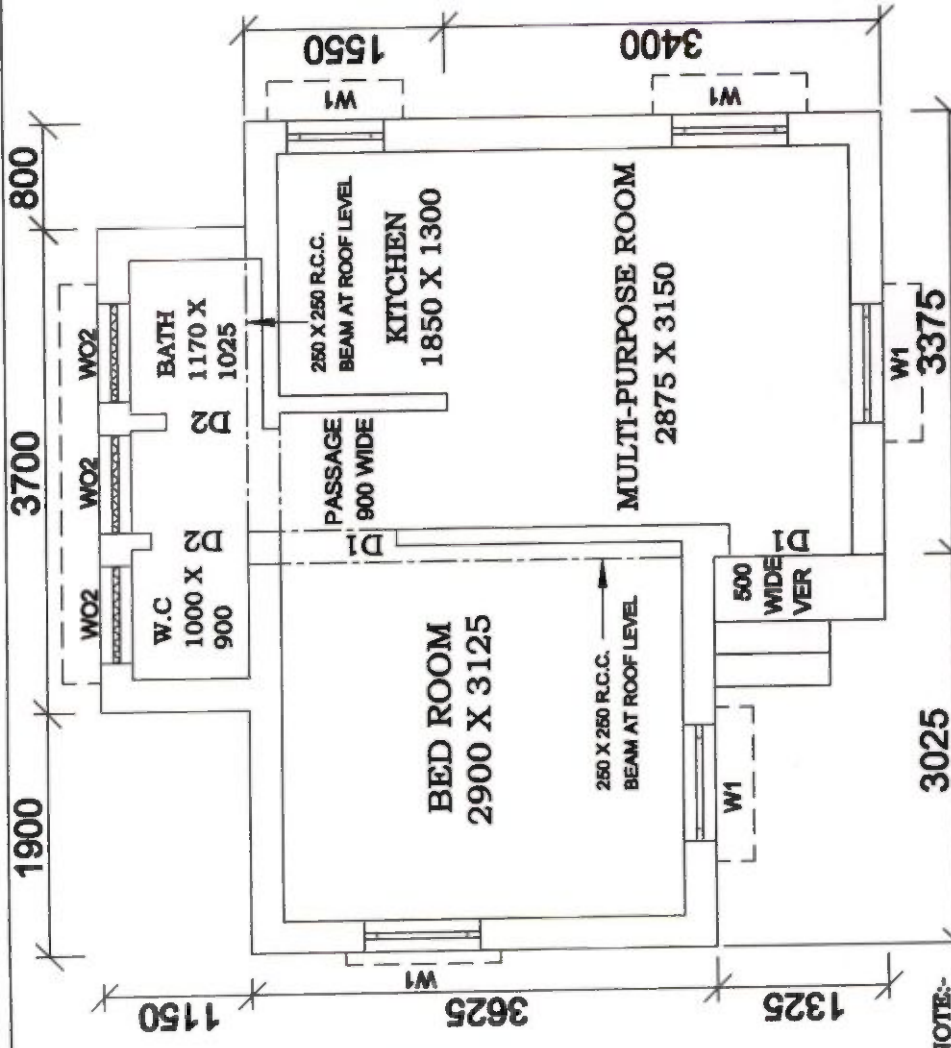
125 MM THK. BRICK WALL



250 MM THK. BRICK WALL

SANKAR ADIDHYA
Chairman
BONGAON MUNICIPALITY

CEO-Asst. Engineer
Bongaon Municipality



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

FLOOR AREA - 25.77 SQM.
BUILT UP AREA - 32.58 SQM.

NOTE:-

1. ALL WINDOW OPENINGS (W1 AND W2) WILL BE PROVIDED WITH Z-BATTEN SHUTTERS.
2. ALL DOORS (D1 AND D2) WITH Z-BATTEN SHUTTERS, SINGLE LEAF.
3. W02 - OPENING PROVIDED WITH R.C.C. JALLI.
4. PLINTH HEIGHT - 400 TH.
5. CEILING HEIGHT - 2700 TH.
6. MAIN WALL - 200 TH.
7. PARTITION WALL - 125 TH.
8. ROOF SLAB, BEAM, LINTEL, ETC. WITH REINFORCED CEMENT CONCRETE M20 GRADE.
9. FLOOR OF VERANDAH, WC, BATH, & KITCHEN ROOM TO BE KEPT 15 MM BELOW THE FLOOR LEVEL OF ROOM & PASSAGE.
10. 100 MM TH. PEECE LINTEL OVER OPENING HAVE BEEN PROVIDED.
11. ALL DIMENSION ARE IN MM.

PRADHAN MANTRI AWAS YOJANA
HOUSING FOR ALL (URBAN)
OFFICE OF THE CHIEF ENGINEER
MUNICIPAL ENGINEERING DIRECTORATE
GOVT. OF WEST BENGAL
DWG. NO. _____
SCALE :- 1:50 & 1:25

BONGAON MUNICIPALITY
WORK AND COST SUMMARY - SLUM WISE DETAILS

RAY

CLUSTER-I

Slum Code	Name of Slum	ward	Area Sqkm	Population	HOUSING		PHYSICAL INFRASTRUCTURE								Grand Total (Rs. in lakh)		
					Dwelling Units (@ Rs.3,27,588 Lakh each)		Leach Pit (@ Rs.0,754 Lakh each)		Drainage (M) (Section - 350x500) (Rs.2673.00/M)		Drainage (M) (Section - 350x300)		Concrete Roads (@ Rs.3278.20/M)			Bituminous Roads (@ Rs.2259.26/M)	
					Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Amt.		Qty.	Amt.
10009	KUTHIBARY AMBEDKAR COLONY & JOYPUK	1	1078	791	74	266.74	74	5.58	195.27	5.22	188.10	8.40	68.24	2.24	503.66	11.38	299.55
10035	JOYPUK	2	240	1959	129	464.99	129	9.73	340.41	9.10	327.91	14.64	118.96	3.90	678.00	19.84	522.19
20005	JOYPUK FULTALA COLONY	3	95	563	99	356.85	99	7.47	261.24	6.98	251.65	11.23	91.29	2.99	673.82	15.22	400.75
10015	MATHPARA & CHRISTANPARA	3	205	836	124	446.97	124	9.35	327.22	8.75	315.20	14.07	114.35	3.75	843.97	19.07	501.95
20006	MATIGANJ NICHU PARA	3	48	95	98	353.25	98	7.39	258.61	6.91	249.11	11.12	90.37	2.96	667.01	15.07	396.70
10011	BICALIHATA	4	26	242	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10018	KHAIRAMARY	5	221	1406	53	191.04	53	4.00	139.88	3.74	134.72	6.01	48.87	1.60	360.73	8.15	214.54
20027	BIBHUTIPALLY JOLE	6	85	280	42	151.39	42	3.17	110.83	2.96	106.76	4.77	38.73	1.27	285.86	6.46	170.02
20024	MATSAUBI PARA	6	10	105	39	140.58	39	2.94	102.91	2.75	99.14	4.43	35.96	1.18	265.44	6.00	157.87
20026	NATUNGRAM HATAT COLONY	6	78	77	26	93.72	26	1.96	86.61	1.83	66.09	2.95	23.98	0.79	176.96	4.00	105.25
10013	TABU COLONY & HATAT COLONY	6	68	951	35	126.16	35	2.64	92.36	2.47	88.97	3.97	32.28	1.06	238.22	5.38	141.68
20025	TATIPARA	6	12	291	22	79.30	22	1.66	58.05	1.55	55.92	2.50	20.29	0.67	149.74	3.38	89.06
20023	BATTALA (BIBHUTIPALLY)	6	108	110	44	158.60	44	3.32	116.11	3.10	111.84	4.99	40.57	1.33	299.47	6.77	178.11
10017	DAS PARA & MINI DAS PARA	7	118	379	39	140.58	39	2.94	102.91	2.75	98.14	4.43	35.96	1.18	265.44	6.00	157.87

Prishy
Sd/- Asst. Engineer
Bongaon Municipality

BONGAON MUNICIPALITY

WORK AND COST SUMMARY - SLUM WISE DETAILS

RAY

CLUSTER-I

Slum Code	Name of Slum	ward	Area Sqkm	Population	HOUSING				PHYSICAL INFRASTRUCTURE						Grand Total (Rs. In lakh)	
					Dwelling Units (@ Rs.3.6766 Lakh each)		Leach Pit @ Rs.0.0754 Lakh each		Drainage (M) (Section - Rs.2673.00/M)		Drainage (M) (Section - Rs.4463.70/M)		Concrete Roads (@ Rs. 3278.20/M)			Bituminous Roads (@ Rs. 2259.26/M)
			Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Amt.
20028	RAMKRISHNA PALLY (DARGA TALA)	7	29	104.53	29	2.19	78.53	2.05	73.72	3.29	26.74	0.88	197.38	4.46	117.39	
20029	CHAMPA BERIA (CHIT MAHAL)	7	45	162.21	45	3.39	118.75	3.17	114.39	5.11	41.50	1.36	306.28	6.92	182.16	
10001	CHAMPABERIA	8	97	349.64	97	7.32	255.97	6.84	246.57	11.01	89.45	2.93	660.20	14.92	392.66	
20007	BANABIHARI COLONY	9	46	165.61	46	3.47	121.39	3.24	116.93	5.22	42.42	1.39	313.09	7.07	186.21	
10014	THAKURPALLY & SHAKTIGARH	9	48	173.02	48	3.62	126.66	3.39	122.01	5.45	44.26	1.45	326.70	7.38	194.30	
10032	SHAKTIGARH & MATHPARA	10	58	209.05	58	4.38	153.05	4.09	147.43	6.58	53.48	1.75	394.76	8.92	234.78	
10022	SUBHASHPALLY & DEBGARH	11	167	601.96	167	12.60	440.69	11.78	424.50	18.95	154.00	5.05	1136.64	25.68	676.02	
10022	SUBHASHPALLY & DEBGARH	12	84	302.78	84	6.34	221.66	5.93	213.52	9.53	77.46	2.54	571.72	12.92	340.03	
10019	CHARAKTALA	13	8	28.84	8	0.60	21.11	0.56	20.34	0.91	7.38	0.24	54.45	1.23	32.38	
20012	PACHIM PARA	13	6	21.63	6	0.45	15.83	0.42	15.25	0.68	5.53	0.18	40.94	0.92	24.29	
20030	GANDHIPALLY	14	39	140.56	39	2.94	102.91	2.75	99.14	4.43	35.96	1.18	265.44	6.00	157.87	
10021	SUBHASHPALLY	14	44	158.60	44	3.32	116.11	3.10	111.84	4.99	40.57	1.33	299.47	6.77	178.11	
10034	KURIRMATH HAZRATALA	15	19	68.48	19	1.43	50.14	1.34	48.30	2.16	17.62	0.57	129.32	2.92	76.91	
20004	BASAK PARA	16	8	28.84	8	0.60	21.11	0.56	20.34	0.91	7.38	0.24	54.45	1.23	32.38	

Ignisw
add-Assl. Engineer,
Bongaon Municipality

SANKAR ADDHYA
Chairman
BONGAON MUNICIPALITY

BONGAON MUNICIPALITY
WORK AND COST SUMMARY - SLUM WISE DETAILS

RAY

CLUSTER-I

Slum Code	Name of Slum	ward	Area Sqkm	Population	HOUSING		PHYSICAL INFRASTRUCTURE								Grand Total (Rs. In lakhs)		
					Dwelling Units (@ Rs.3.67658 Lakh/each)	Leach Pr (@ Rs.0.0754 Lakh/ each)	Drainage (M) (Rs.2873.00/M) 350x500	Drainage (M) (Rs.4483.70/M) 350x800	Concrete Roads (@ Rs. 3278.20/M)	Bituminous Roads (@ Rs. 2259.26/M)	Qty.	Amt.	Qty.	Amt.		Qty.	Amt.
10016	MAJHERPARA	16	8	833	9	32.44	9	0.68	23.75	0.63	22.88	1.02	8.30	0.27	61.28	1.38	36.43
10020	SHIMULTALA	17	280	1132	197	710.10	197	14.86	519.85	13.90	500.76	22.35	181.66	5.96	1340.83	30.29	797.46
10010	MILANPALLY & PURBAPARA	18	79	705	55	198.25	55	4.15	145.14	3.88	139.81	6.24	50.72	1.66	374.34	8.46	222.84
10037	POLLYSHREE	19	1045	1760	59	212.67	59	4.45	155.69	4.16	149.97	6.69	54.41	1.76	401.57	9.07	238.83
20003	CHITRAKAR PARA	19	110	87	68	245.11	68	5.13	179.44	4.80	172.85	7.72	62.71	2.06	462.82	10.46	275.26
10008	SAHAPARA & BABUPARA	20	276	717	21	75.70	21	1.58	55.42	1.48	53.39	2.38	19.37	0.63	142.93	3.23	85.01
10036	DHAKAPARA	21	2489	1198	338	1218.34	338	25.50	891.93	23.84	859.17	38.35	311.68	10.22	2300.50	51.97	1368.22
10033	NAYAGOPALGANJ	22	128	1220	69	248.71	69	5.21	182.08	4.87	175.39	7.83	63.63	2.09	469.83	10.61	279.31
10031	SIKDARPALLY	22	1800	824	58	209.06	58	4.38	153.05	4.09	147.43	6.58	53.48	1.75	394.76	8.92	234.78
20002	SOUTH SUBHAS PALLY	22	134	35	85	308.39	85	6.41	224.30	6.00	216.06	9.64	78.38	2.57	578.53	13.07	344.08
	Total		2086.00	6354	2481	8942.91	2481	187.17	6546.95	175.00	6306.52	281.50	2287.84	75.00	16886.24	381.50	10043.09

Prisya
Sub-Assl. Engineer,
Bongaon Municipality

SANKAR ADHYA
Chairman
BONGAON MUNICIPALITY

Estimate for Construction of C.C. Road Length- 10.0 mtr. & B=2.00 Mtr.

Estimate Prepared as per P.W.D. schedule of Rates With effect from 1st. Nov. 2017

SL. NO	page no. & Item no	Description of Work	Quantity	Unit	Rate	Amount
1	page no. 1, Item no-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 stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete.(a) Depth of excavation not exceeding 1,500 mm.	1.125	M ³	119.27	134.18
2	page no. 1, Item no-3	Earth work filling in Filling in foundation trenches or plinth, with good earth in layer not exceeding 150mm . Including watering and ramming etc. layer by layer complet. Payment to be made on the basis of measurement of finished quantity of work) a) with earth obtained from excavation of foundation.	0.225	M ³	77.54	17.45
3	page no. 1, Item no-1	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish	20.000	M2	11.00	220.00
4	page no. 14, Item no-1	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered eath.	25.000	M2	361.00	9025.00
5	page no. 15, Item no-8,a	Brick work with 1st class bricks in cement mortar (1:4) (a) In foundation and plinth	0.375	M ³	5413.00	2029.88
6	page no. 16, Item no-16	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.	3.500	M2	736.00	2576.00
7	page no. 24, Item no-4	Ordinary Cement concrete M-15 Mix (1:2:4) with graded stone chips (20mm size down) excluding shuttering and reinforcement , if any, in ground floor.a) Pakur Variety	2.375	M ³	5686.8	13506.15
8	page no. 42, Item no-30(f)	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, columns, lintels curved or straight includin(f) 25 mm .to 30mm thick wooden shuttering without staggig in foundation etc.	3.000	M2	209.00	627.00

Total Rs.= 28135.650

Add 12% G.S.T. Rs= **3376.278**

31511.928

Add 1% Cess Rs.= **315.119**

31827.048

Add 3% contingency Rs.= **945.358**

Total Rs.= 32772.405

Say Rs.= 32772.00

Rate per mtr. = 3277.20

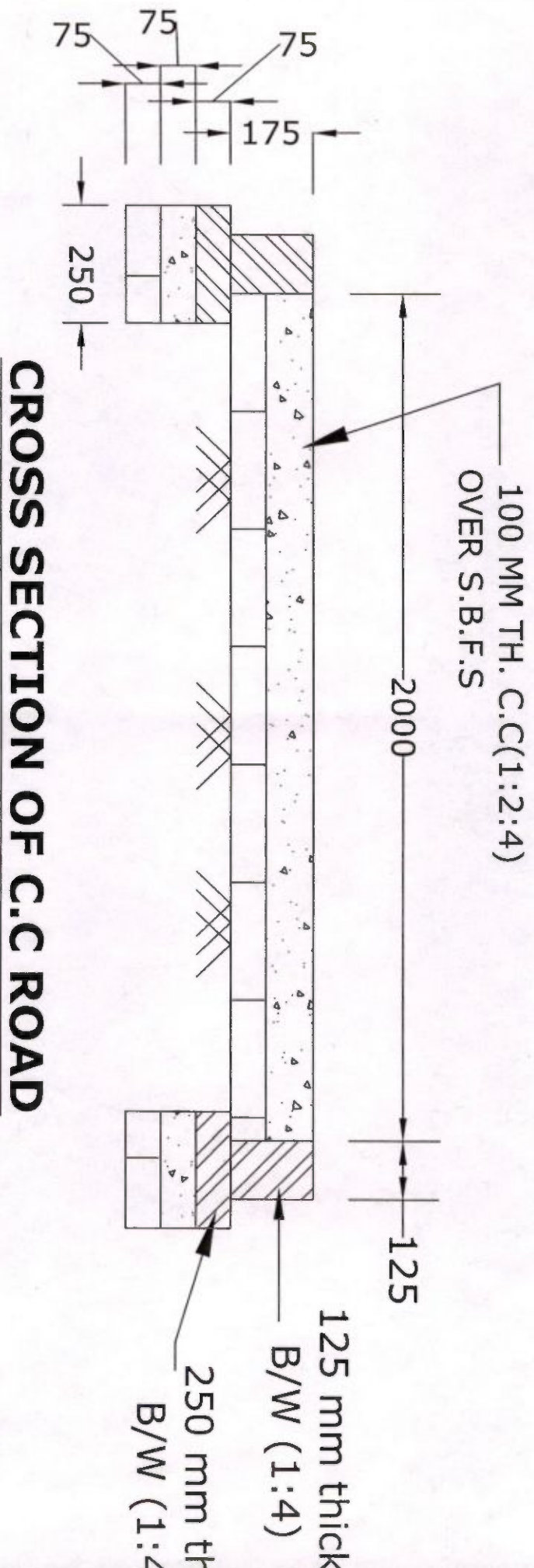


Sign. Of S.A.E

**Sub-Asst. Engineer
Bongaon Municipality**

Sign. Of Chairman

**Chairman
Bongaon Municipality**



CROSS SECTION OF C.C ROAD

Sriswaraj
 Sub-Asst. Engineer
 Bongaon Municipality

Chakrabarti
 Bongaon Municipality

Estimate for Construction of C.C. Road Length- 10.0 mtr. & B=2.00 Mtr.

Sl. No.	Description of Items	Nos.	10.000		2.000		Qty.	Unit	
			L (M)	B (M)	H/D (M)				
1	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 stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete.	1	1	2	10.000	0.250	0.225	1.125	cu.m.
2	Earth work filling in Filling in foundation trenches or plinth, with good earth in layer not exceeding 150mm . Including watering and ramming etc. layer by layer complet. Payment to be made on the basis of measurement of finished quantity of work) a) with earth obtained from excavation of foundation.				vol= 1.125	0.200		0.225	cum
3	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed.				10.000	2.000		20.000	sq.m
								20.000	sq.m
4	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered eath.								
			1		10.000	2.000		20.000	sq.m
			2		10.000	0.250		5.000	sq.m
							Total=	25.000	sq.m
5	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth								
			2		10.000	0.250	0.075	0.375	cu.m
6	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.								
			2		10.000		0.175	3.500	sq.m
7	Ordinary Cement concrete M-15 Mix (1:2:4) with graded stone chips (20mm size down) excluding shuttering and reinforcement ,ifany, in ground floor.								
			1		10.000	2.000	0.100	2.000	cu.m.
			2		10.000	0.250	0.075	0.375	cu.m.
							Total=	2.375	cu.m.
8	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, columns, lintels curved or straight includin 25 mm .to 30mm thik wooden shuttering without staging in foundation etc.								
			2	2	10.000		0.075	3.000	sq.m
								3.000	sq.m

Shishy
Sub-Asst. Engineer
Bongaon Municipality

Chairman
BONGAON MUNICIPALITY

Rate Analysis of Bituminus Road

Take Unit length-10.00 Mtr, Wide- 3.5 Mtr = 35 SqM

Sl No	Description	Quantity	Unit	Rate	Amount
1	Providing and applying tack coat with Catonic Bitumen of approved grade conforming to IS: 8887-1978 on the prepared surface cleaned with Hydraulic broom, moistening the surface including cost and carriage of emulsion, hire charges of machinery and labour, cost of fuel and lubricants all complete as per Clause 503 of Specifications for Road & Bridge Works of MoRT&H (5th Revision) (i) On Bituminus Surface (Using Bitumen at the rate of 0.20 to 0.30 kg per sqm.)	70.000	SqM	9.60	672.00
2	Providing and laying bituminus macadam with Mobile Hot Mix Plant (Light Duty) using approved crushed aggregates of specified grading as per Table 500.7 premixed with bituminus binder, transported to site laid over a previously prepared surface at specified laying temperature by means of approved and suitable arrangements to the required grade, level and alignment and rolled with suitable power roller for break down, inter-mediate and finished rolling as per specification to achieve the desired compaction including cost and carriage of stone materials and bitumen, hire charges of machinery and equipment, cost of fuel and lubricants and wages of operational staff, quality control complete as per Specifications for Road & Bridge Works of MoRT&H (5th Revision) B. For Grading 2 (19 mm nominal size, 50-75 mm thick)	2.100	CuM	6158.23	12932.28
3	Providing & Laying 20mm thick Open- Graded Premixed Carpet using 13.2 mm (@ 0.18 m3/m2) and 11.2 mm (@ 0.09 m3/m2) size stone aggregates including through cleaning of the surface applying tack coat, screening, cleaning and preheating stone chips and fully precoating the same with matric @ 54 kg /M3 of aggregates laying the premixed chips uniformly over the surface, hand packing, thoroughly rolling by power roller, including the cost and carriage of stone chips and matrix heating the matrix and all other cost and charge in this connection including hire charges and cost of fuel and lubricants of machineries and equipments for construction and quality control as per IRC specification complete excluding cost of applying tack coat. (a) Using Mobile HMP (Light duty)	35.000	SqM	125.18	4381.30

4	Laying Premixed seal coat (Type-B) with approved quality sand / grit @ 0.6 m ³ /100m ² and hot bitumen binder on thoroughly cleaned black top surface coated with tack coat, including heating and mixing cleaned sand / grit (100% passing through 2.36 mm sieve and retained on 180u sieve) uniformly with hot binder @ 113.5 kg per m ³ of grit or sand in suitable pan/Mobile hot mix plant (light duty) laying and spreading the mix at an uniform rate using suitable means, brushing the surface, if necessary, to ensure uniformity, followed by rolling with power roller including the cost and carriage of binder and aggregates, cost of heating the binder and aggregates and all other to ensure uniformity. (b) using Mobile Hot mixed plant (Light duty)	35.000	SqM	40.30	1410.50
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Total Rs= 19396.08

Add GST 12% = 2327.53

21723.61

Add Cess 1% = 217.24

21940.85

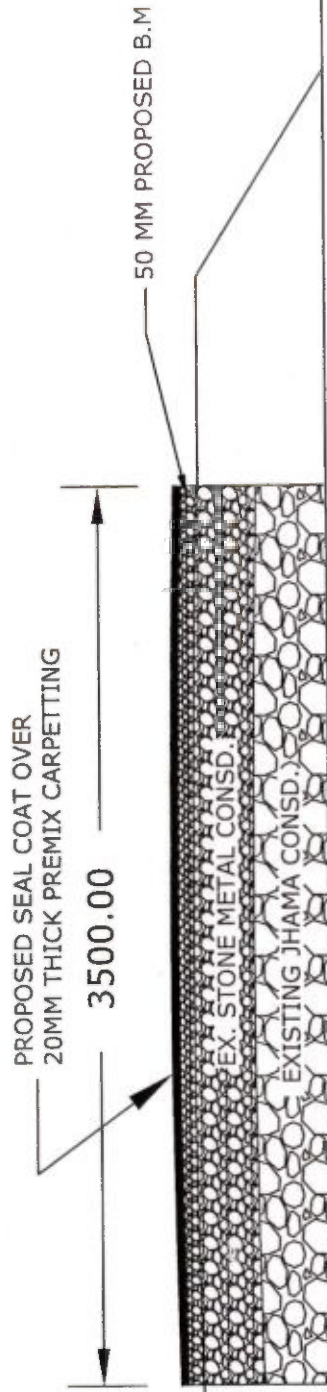
Add Contingency 3% = 651.71

22592.56

Rate per Mtr. =Rs. 2259.26 / SqM


 S.A.E.
 BONGAON MUNICIPALITY


 Chairman
 BONGAON MUNICIPALITY



CROSS SECTION OF ROAD


 S.A.E.
 ZONGAON MUNICIPALITY
 Chairman
 Bongaon Municipality

**ANALYSIS OF tack coat with Cationic Bitumen Emulsion
AS PER SCHEDULE OF RATES, VOL-III, ROAD (PMD),
(Ref:Rate as per FOR ROAD AND BRIDGE WORKS**

	Description	Quantity	Unit	Rate	5% for Overhead charges over the cost of materials	Contractor Profit	Allowable Rate	Amount
1	Providing and applying tack coat with Cationic Bitumen Emulsion of approved grade conforming to IS: 8887-1978 on the prepared surface cleaned with Hydraulic broom, moistening the surface including cost and carriage of emulsion, hire charges of machinery and labour, cost of fuel and lubricants all complete as per Clause 503 of Specifications for Road & Bridge Works of MORT&H (5th Revision). (i) On Bituminous Surface (Using Bitumen Emulsion at the rate of 0.20 to 0.30 kg per sqm)	1,000	sqm	1.30				1.30
	(Ref:Page No.248 Item No.5.02)							
2	Cost of Cationic Bitumen Emulsion(Packed), over Bitumin surface (Ref:Analysed Rate as per Format B of Page No.217,Quantity As per Page No.210)	0.250	kg	33.20				8.30
TOTAL=								9.60

S.A.E.
S.A.E.
MUNICIPALITY

**ANALYSIS OF Bituminous Macadam using Mobile Hot Mix Plant (Light Duty)
AS PER SCHEDULE OF RATES, VOL-II, ROAD (PWD),
(Ref:Rate as per FOR ROAD AND BRIDGE WORKS**

	Description	Quantity	Unit	Rate	% for Overhead charges over the cost of materials	Contractor Profit	Allowable Rate	Amount
1	Providing and laying bituminous macadam with Mobile Hot Mix Plant (Light Duty) using approved crushed aggregates of specified grading as per Table 500.7 premixed with bituminous binder, transported to site laid over a previously prepared surface at specified laying temperature by means of approved and suitable arrangements to the required grade, level and alignment and rolled with suitable power roller for break down, intermediate and finished rolling as per specification to achieve the desired compaction including cost and carriage of stone materials and bitumen, hire charges of machinery and equipment, cost of fuel and lubricants and wages of operational staff, quality control complete as per Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) For Grading III (19 mm nominal size, 50-75 mm thick). (Ref:Page No.249 item No.5.04.B)	1.000	Cum	940.00				940.00
2	Cost of Bitumen (Packed), VG-10 (80/100) (Ref:Analysed Rate as per Format-B of Page No.217, Quantity As per Page No.210)	75.000	Kg	35.12				2633.75
3	Add the cost of 1.4137 cum/m ³ stone aggregates (Ref: Rate as per Page No.223, Quantity As per Page No.210)							
	22.4 mm	0.4241	Cum	1543.00	77.15	154.30	1774.45	752.54
	13.2 mm	0.2827	Cum	1566.00	78.30	156.60	1800.90	509.11
	11.2 mm	0.3534	Cum	1427.00	71.35	142.70	1641.05	579.95
	5.6 mm	0.2121	Cum	1174.00	58.70	117.40	1350.10	286.36
	Stone Dust with grit	0.1414	Cum	1060.00	53.00	106.00	1219.00	172.37
4	Add the cost of carriage Stone aggregate (Ref:Rate as per Page No.227, Quantity As per Page No.210)	1.4137	Cum	124.00				175.30
5	Add the cost of Loading, Unloading and Stacking of Stone aggregate. By Manual means Stone aggregate (Ref:Rate as per Page No.224, Quantity As per Page No.210)	1.4137	Cum	77.00				108.85
TOTAL=								6158.23


 S.A.E.
 MAHARAJAN MUNICIPALITY

**ANALYSIS OF Open Graded Premix Surfacing with Bitumen (Packed), VG-30(60/70)
AS PER SCHEDULE OF RATES, VOL-III, ROAD (PWD),
[Ref:Rate as per FOR ROAD AND BRIDGE WORKS]**

Description	Quantity	Unit	Rate	5% for Overhead charges over the cost of materials	Contractor Profit	Allowable Rate	Amount
1 [Ref:Page No.254 Item No.5.11] Providing, laying and rolling of Open - graded premix surfacing of 20 mm thickness composed of 13.2 mm (@ 0.018 m ³ per m ²) and 11.2 mm (@ 0.009 m ³ per m ²) size stone aggregates, including thoroughly cleaning of the surface, screening, cleaning and pre-heating stone chips and fully pre-coating the same either using viscosity grade paving bitumen or cut-back or emulsion, carrying the mixture by any suitable arrangements, laying the mixture uniformly over the surface, including line, grade and level to serve as wearing course on a previously prepared base, including mixing in Mobile Hot Mix Plant (Light Duty) and thoroughly rolling with a smooth wheeled roller 8-10 tonne capacity, finished to required level and grades including the cost and carriage of stone chips and matrix, heating the matrix, preheating the aggregates to required temperature and including the hire charges of Mobile Hot Mix Plant (Light Duty) and other machinery, pay of operators, cost of fuel and lubricants etc. complete to be followed by seal coat of either Type A or Type B as per Technical Specification Clause 508 for Rural Roads of MOPRD.	1.000	sqm	21.30				21.30
2 [Ref:Page No.254 Item No.5.11] Cost of Bitumen (Packed), VG-10(80/100)	1.460	kg	35.12				51.27
3 [Ref:Analysed Rate as per Format-8 of Page No.217, Quantity As per Page No.212] Add the cost of 0.027 cum/sqm stone aggregates							
13.2 mm [Ref: Rate as per Page No.222, Quantity As per Page No.212]	0.0180	Cum	1566.00	78.30	156.60	1800.90	32.42
11.2 mm [Ref: Rate as per Page No.222, Quantity As per Page No.212]	0.0090	Cum	1427.00	71.35	142.70	1641.05	14.77
4 Add the cost of carriage Stone aggregate [Ref:Rate as per Page No.227, Quantity As per Page No.212]	0.0270	Cum	124.00				3.35
5 Add the cost of loading, Unloading and Stacking of Stone aggregate, by Manual means Stone aggregate [Ref:Rate as per Page No.224, Quantity As per Page No.212]	0.0270	Cum	77.00				2.08
						TOTAL=	125.18


 S.A.E.
 BONGAON MUNICIPALITY

**ANALYSIS OF Premixed Seal Coat (Type B)
AS PER SCHEDULE OF RATES, VOL-III, ROAD (PWD),
(Ref:Rate as per FOR ROAD AND BRIDGE WORKS**

Quantity	Unit	Rate	5% for Overhead charges over the cost of materials	Contractor Profit	Allowable Rate	Amount
1	1.000	7.80				7.80
(Ref:Page No.255 Item No.5.13.B)						
2	0.680	35.12				23.88
(Ref:Analysed Rate as per Format-8 of Page No.217,Quantity As per Page No.212)						
3	0.006	1074.00	53.70	107.40	1235.10	7.41
(Ref: Rate as per Page No.223,Quantity As per Page No.212)						
4	0.006	124.00				0.74
Add the cost of carriage Stone aggregate						
(Ref:Rate as per Page No.227,Quantity As per Page No.212)						
5	0.006	77.00				0.46
Add the cost of Loading,Unloading and Stacking of Stone aggregate, By Manual means Stone aggregate						
(Ref:Rate as per Page No.224,Quantity As per Page No.212)						
TOTAL=						40.30

FORMAT -B

Format for Analysis of Rates of bituminous emulsion supplied by Contractor
(AS PER SCHEDULE OF RATES,VOL-III, ROAD (PWD),
(Ref:Rate as per FOR ROAD AND BRIDGE WORKS
2018,30/08/2018 ,)

(Prior approval from concerned Superintending Engineer is necessary before framing an estimate by using this Format-(B))

	Unit Rate	Quantity	Unit		
Step -1	Cost of materials including all taxes at the nearest source of the manufacturer as given in Table I -2 of the Schedule of Rates				
	Bituminous Emulsion (Packed) MS Type		MT	(A)	29000.00
	(Ref:Rate as per FOR ROAD AND BRIDGE WORKS 2018,30/08/2018 ,)				
	(Source:Dhulagarh, Destination: Bongaon, Distance=99 KM)				
Step -2	Add Overhead Charges[@ 5% of (A)]			(B)	1450.00
Step -3	Add Contractor's Profit[@ 10% of (A+B)]			(C)	3045.00
Step -4	Necessary cost for loading, unloading and carriage cost from source of the manufacturer to the work site			(D)	56.00
	(Ref:Rate as per Page No.225)				
	Necessary carriage cost from source of the manufacturer to the work site.				
	(Ref:Rate as per Page No.227)				
	0-5 KM	5	Km		
	Above 5Km upto 10 KM(Per Km)	7.30	5 Km		
	Above 10Km upto 20 KM(Per Km)	6.70	10 Km		
	Above 20Km upto 50 KM(Per Km)	6.30	30 Km		
	Above 50Km upto 100 KM(Per Km)	5.60	49 Km		
	Above 100 Km upto KM(Per Km)	5.30	0 Km		
		TOTAL	99 Km		
Step -5	Deduct cost of container (Vide Note-3, Table I-2)			(E)	-1000.00
	Rate of Material at Site = (A) + (B) +(C)+ (D) -(E) =			Rate per MT	Rs.= 33199.900
<p>Note : The total rate marked „(F)“ is the complete rate of the bitumen / CRMB / bituminous emulsion which has to be added to any item of bituminous work, where applicable, to arrive at the complete rate of the work.</p>					


BONGAON MUNICIPALITY

FORMAT -B

Format for Analysis of Rates of Bitumen supplied by Contractor (AS)
 PER SCHEDULE OF RATES,VOL-III, ROAD (PWD)
 (Ref:Rate as per FOR ROAD AND BRIDGE WORKS
 2018,30/08/2018 ,)

(Prior approval from concerned Superintending Engineer is necessary before framing an estimate by using this Format-(B))

	Unit Rate	Quantity	Unit		
Step -1	Cost of materials including all taxes at the nearest source of the manufacturer as given in Table I -2 of the Schedule of Rates			(A)	
	Bitumen (packed):VG-10 (80/100)		MT		30260.000
	(Ref:Rate as per FOR ROAD AND BRIDGE WORKS 2018,30/08/2018 ,)				
	(Source:Haldia, Destination Bongaon,Distance=186 KM)				
Step -2	Add Overhead Charges[@ 5% of (A)]			(B)	1513.00
Step -3	Add Contractor's Profit[@ 10% of (A+B)]			(C)	3177.3
Step -4	Necessary cost for loading, unloading from source of the manufacturer to the work site.			(D)	56.00
	(Ref:Rate as per Page No.225)		MT		
	Necessary carriage cost from source of the manufacturer to the work site.				
	(Ref:Rate as per Page No.227)				
	0-5 KM	5	Km		82.00
	Above 5Km upto 10 KM(Per Km)	7.30	5	Km	36.50
	Above 10Km upto 20 KM(Per Km)	6.70	10	Km	67.00
	Above 20Km upto 50 KM(Per Km)	6.30	30	Km	189.00
	Above 50Km upto 100 KM(Per Km)	5.60	50	Km	280.00
	Above 100 Km upto 186KM(Per Km)	5.30	86	Km	455.80
		TOTAL	186	Km	
Step -5	Deduct cost of container (Vide Note-3, Table I-2)			(E)	1000
	Rate of Material at Site = (A) + (B) +(C)+ (D) -(E) =		Rate per MT	Rs.=	35116.600

Note : The total rate marked „(F)“ is the complete rate of the bitumen / CRMB / bituminous emulsion which has to be added to any item of bituminous work, where applicable, to arrive at the complete rate of the work.

SAE
 BONGAON MUNICIPALITY

Estimate for Construction of Surface Drain, Length-10.00 mtr & Depth=0.500 Mtr.

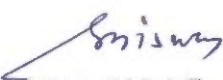
Estimate Prepared as per P.W.D. schedule of Rates With effect from 1st. Nov. 2017 & Corrigenda


SL. NO	page no. & Item no	Description of Work	Quantity	Unit	Rate	Amount
1	page no.- 1, Item no-2(a)	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary. Depth of excavation not exceeding 1500 mm.	4.750	M ³	119.27	566.53
2	page no.- 1, Item no-3(a)	Earth work filling in Filling in foundation trenches or plinth, with good earth in layer not exceeding 150mm. 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.	0.950	M ³	77.54	73.66
3	page no.- 14, Item no-1	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth.	9.500	M ²	361.00	3429.50
4	page no.- 24, Item no-4	Ordinary Cement concrete M-15 Mix (1:2:4) with graded stone chips (20mm size down) excluding shuttering and reinforcement, if any, in ground floor. a) Pakur Variety	0.950	M ³	5686.8	5402.46
5	page no.- 15, Item no-8(a)	Brick work with 1st class bricks in cement mortar (1:4) in foundation and plinth	1.625	M ³	5413.00	8796.13
6	page no.- 189, Item no-1/ii(b)	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chipping corners as directed and raking out joints or roughening of concrete surface by chamfering etc. including throating, nosing and drip course where necessary. with 4:1 cement mortar 15mm thick plaster (4:1).	11.500	M ²	167.00	1920.50
7	page no.- 48, Item no-6(ii)	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and 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). Using grey cement (ii) 25 mm. Thick	3.500	M ²	273.00	955.50

SL. NO	page no. & Item no	Description of Work	Quantity	Unit	Rate	Amount
8	page no. 192, Item no-15	Neat Cement Punning Avarage 1.5 mm Thick in wall, dado, window, Sills floor drain etc.	11.500	M2	34.00	391.00
9	page no. 43, Item no-36(f)	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, columns, lintels curved or straight includin(f) 25 mm .to 30mm thik wooden shuttering without staggng in foundation etc.	0.945	M2	209.00	197.51
10	page no. 44, Item no-40(ii)	Reinforcement 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 16 gauge 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.ii)Other than SAIL/ TATA/RINL	0.009	MT	70362.85	626.36
11	page no. 26, Item no-10(i)	Ordinary Cement Concrete M-20 (mix 1:1.5:3) with graded stone chips (20 mm size) excluding shuttering and reinforcement if any in ground floor.	0.095	M ³	6229.99	588.73

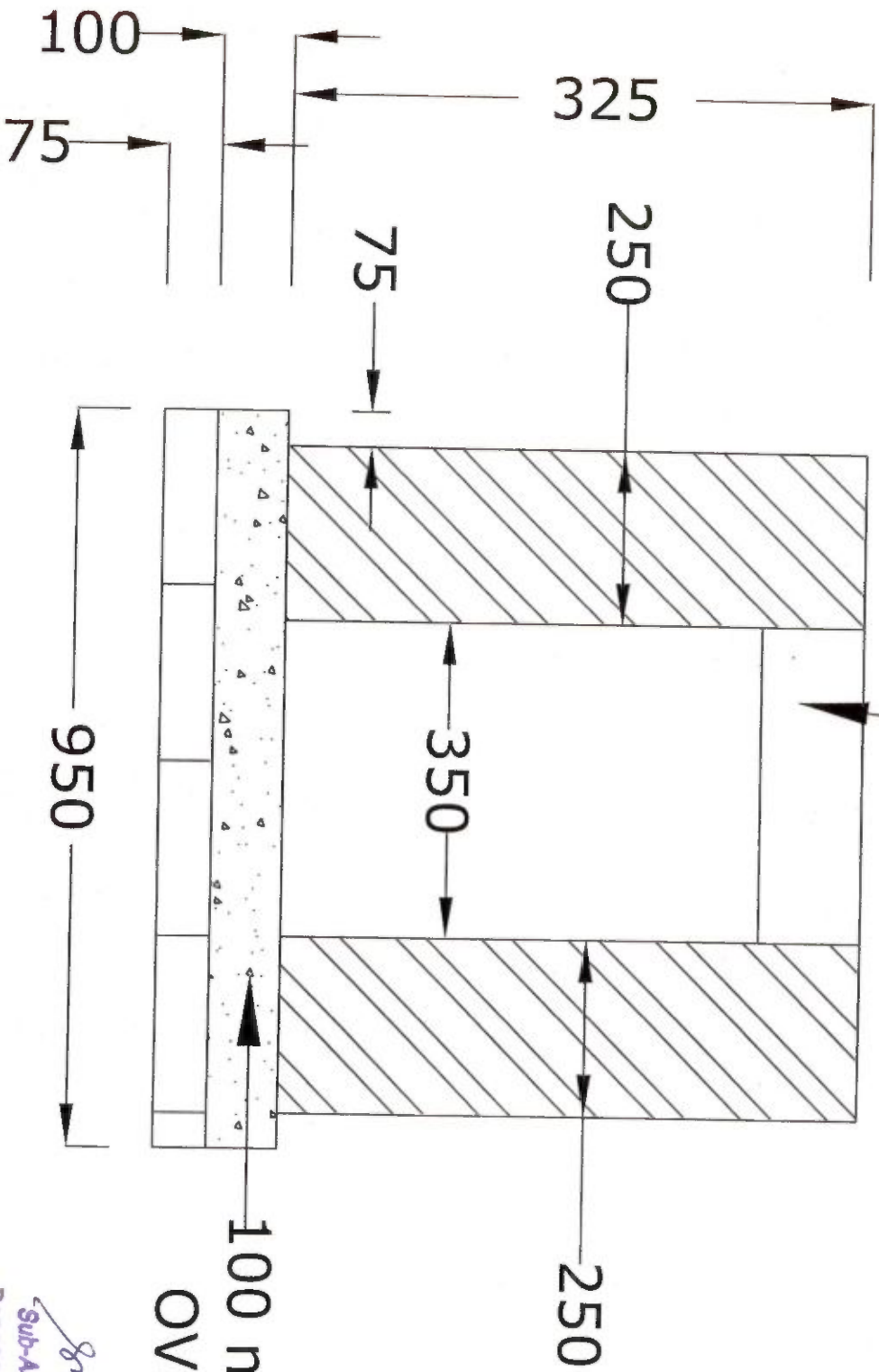
Total Rs.= 22947.88
 Add 12% G.S.T. Rs.= 2753.75
25701.63
 Add 1% Cess Rs.= 257.02
25958.64
 Add 3% contingency Rs.= 771.05
Total Rs.= 26729.69
Say Rs.= 26730.00

Rate per mtr. = 2673.00


 Sign. Of S.A.E
Sub-Asst. Engineer
Bongaon Municipality

Sign. Of Chairman

Chairman
Bongaon Municipality

STRUT
150X150



100 mm TH. P.C.C
OVER S.B.F.S

Sri's

Sub-Asst. Engineer
Bongaon Municipality

H
O.D. Man
Bongaon Municipality

CROSS SECTION OF DRAIN

DETAILED CALCULATION SHEET

Sl. No.	Description of Items	Nos.	10.0			0.950		0.500		Qty.	Unit	
			L (M)	B (M)	H/D (M)							
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary. Depth of excavation not exceeding 1500 mm.	1	1	1	10.00	0.950	0.500		4.750	cu.m.		
								Av. D= 0.5000				
2	Earth work filling in Filling in foundation trenches or plinth, with good earth in layer not exceeding 150mm . Including watering and ramming etc. layer by layer complet. Payment to be made on the basis of measurement of finished quantity of work) a) with earth obtained from excavation of foundation. 1/5 of excavated earth.							4.750	0.20	0.950	cu.m.	
										0.950	cu.m.	
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered eath.	1	10.000	0.950					9.500	sq.m		
4	Ordinary Cement concrete M-15 Mix (1:2:4) with graded stone chips (20mm size down) excluding shuttering and reinforcement ,if any, in ground floor.	1	10.000	0.950	0.100			0.950		cu.m.		
5	250 mm thick Brick work with 1st class bricks and cement mortar (1:6) in foundation and plinth	2	10.000	0.250	0.325			1.625		cu.m.		
								AV. D= 0.325		1.625	cu.m.	
6	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chipping corners as directed and raking out joints or roughening of concrete surface by chamfering etc. including throating, nosing and drip course where necessary. with 4:1 cement mortar 15mm thick plaster (4:1).	2	10.000		0.325			6.500		sq.m		
	top-	2	10.000	0.250				5.000		sq.m		
								11.500		sq.m		
7	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and 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).Using grey cement	1	10.000	0.350				3.500		sq.m		
8	Neat Cement Punning Avarage 1.5 mm Thick in wall, dado, window, Sills floor drain etc.											
									11.500	sq.m		
9	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, columns, lintels curved or straight includin 25 mm .to 30mm thik wooden shuttering without staging in foundation etc.	Strut-	3	6	0.35	0.15		0.945		sq.m		
								0.945		sq.m		
10	Reinforcement 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 16 gauge 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.l. Other than SAIL/ TATA/RINL							0.095	7.850	0.012	0.009	MT
11	Ordinary Cement Concrete M-20 (mix 1:1.5:3) with graded stone chips (20 mm size) excluding shuttering and reinforcement if any in ground floor.	strur-	6	0.700	0.150	0.150		0.095			cu.m.	
								0.095			cu.m.	



Sub-Asst. Engineer
Bongaon Municipality

ANNEXURE-1

FORMAT - B (2nd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef
01.11.2017, Date: 18.04.2018)

(Format for Analysis of Rate of reinforcing Steel supplied by Contractor)

<u>Sl. No.</u>	<u>Description of Items</u>	<u>Amount (Rs.)</u>	
1	Rate of item as per relevant section of this Schedule SAIL/TATA/RINL	71416.00	A
2	Deduct Issue Rate (Per MT) of respective Quality steel $51900.00 \times 1.05 = (-)$	54495.00	B
3	Add Basic Price at outlet of Steel of respective quality $46130.00 \times 1.05 =$	48436.50	C
4	Add Contractor's Profit @ 10% on cost of Steel only (Sl.No.-3) $48436.50 \times 10\% =$	4843.65	D
5	Add cost of Carriage from outlet to site wite necessary loading, unloading and stacking charges for 1.05 MT Steel (Roads Schedule) i) Carriage of steel - $1.05 \times 82.0 =$ Rs.86.10 P - 228, 0.0 km. To 5.0 km- Rs. 82.00/MT ii) Loading , unloading - $1.05 \times 72.0 =$ Rs. 75.60	161.70	E
Final Rate of Item = (Rs. A - Rs. B + Rs. C + Rs.D + Rs. E) = Rs.		70362.85	


Sub-Asst. Engineer
Bongaon Municipality

**Rate Analysis of Cement Concrete For One Cu.M Concrete (1 : 1.5 : 3 Nominal Mix)
at site from Bongaon Rly Stack Yard upto 5 Km.**

1	Ordinary Cement Concrete (1:1.5:3) with graded stone chips (20mm Nominal size) including shuttering and reinforcement if any, in ground floor as per relevant I.S. codes (V.P - 26, It No.- 10 (i),(3rd CORRIGENDA & ADDENDA,v.p-13 & It-33)		Rs. 4651.00	A
2	Add cost of stone agg. At of 0.86 m3 At Bongaon (V.P - 1, of Table - T - I) 20mm nominal size 0.573 m3 10mm nominal size 0.287 m3	1482 x 0.573 1351 x 0.287	Rs. 849.19 Rs. 387.74 Rs. 1236.93x1.15	B
	Add 5% overhead Charge + 10% Contractor's profit		Rs. 1422.47	
3	Add cost of carriage of stone aggregates of 0.86 m3 @ 124.00 / m3 (Table - 2)			C
	0.0 Km to 5 Km	0.86 x 124	Rs. 106.64	
4	Add cost of loading and unloading of stone aggregate of 0.86 m3 @ 58.00 / m3 (Table - 3)	58 x 0.86	Rs. 49.88	D

Final Rate of Item

A+B+C+D Rs.= 6229.99


Sub-Asst. Engineer
Bongaon Municipality

**Rate Analysis of Cement Concrete For One Cu.M Concrete (1:2:4 Nominal Mix)
at site from Bongaon Rly Stack Yard upto 5 Km.**

1	Ordinary Cement Concrete (1:2:4) with graded stone chips (20mm Nominal size) including shuttering and reinforcement if any, in ground floor as per relevant I.S. codes (V.P - 24, It No.-4 (3rd CORRIGENDA & ADDENDA,v.p-10 & It-27)		Rs. 4060.00	A
2	Add cost of stone agg. At of 0.88 m3 At Bongaon @0.88 m3/cu.m (V.P - 308, of Table - T - I) 20mm nominal size 0.66 m3 10mm nominal size 0.22 m3	1482 x 0.66 1351 x 0.22	Rs. 978.12 Rs. 297.22 Rs. 1275.34x1.15	B
	Add 5% overhead Charge + 10% Contractor's profit		Rs. 1466.64	
3	Add cost of carriage of stone aggregates of 0.88 m3 @ 124.00 / m3 (Table - 2)			C
	0.0 Km to 5 Km (From Bongaon Rly Stack yard)	0.88 x 124	Rs. 109.12	
4	Add cost of loading and unloading of stone aggregate of 0.88 m3 @ 58.00 / m3 (Table - 3)	58 x 0.88	Rs. 51.04	D
	Final Rate of Item =	A+B+C+D	Rs. 5686.80	


Sub-Asst. Engineer
Bongaon Municipality

Estimate for Construction of Surface Drain, Length-10.00 mtr & Depth=0.975 Mtr.

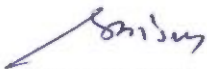
Estimate Prepared as per P.W.D. schedule of Rates With effect from 1st. Nov. 2017 & Corrigenda


SL. NO	page no. & Item no	Description of Work	Quantity	Unit	Rate	Amount
1	page no.- 1, Item no-2(a)	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing, spreading or stacking the spoils within a lead of 75 m. as directee. The item includes necessary. Depth of excavation not exceeding 1500 mm.	9.263	M ³	119.27	1104.74
2	page no.- 1, Item no-3(a)	Earth work filling in Filling in foundation trenches or plinth, with good earth in layer not exceeding 150mm . Including watering and ramming etc. layer by layer complet. Payment to be made on the basis of measurement of finished quantity of work) a) with earth obtained from excavation of foundation.	1.853	M ³	77.54	143.64
3	page no.- 14, Item no-1	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered eath.	9.500	M2	361.00	3429.50
4	page no.- 24, Item no-4	Ordinary Cement concrete M-15 Mix (1:2:4) with graded stone chips (20mm size down) excluding shuttering and reinforcement ,ifany, in ground floor.a) Pakur Variety	0.950	M ³	5686.8	5402.46
5	page no.- 15, Item no-8(a)	Brick work with 1st class bricks in cement mortar (1:4) in foundation and plinth	4	M ³	5413.00	21652.00
6	page no.- 189, Item no- 1/ii(b)	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chippingcomers as directed and raking out joints or rougheningof concrete surface by chamfering etc.inlcuding throating, nosing and drip course where necessary. with 4:1 cement mortar 15mm thick plaster (4:1).	21.000	M2	167.00	3507.00
7	page no.- 48, Item no-6(ii)	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and 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). Using grey cement (ii) 25 mm. Thick	3.500	M2	273.00	955.50

SL. NO	page no. & Item no	Description of Work	Quantity	Unit	Rate	Amount
8	page no.- 192 , Item no- 15	Neat Cement Puning Avarage 1.5 mm Thick in wall, dado, window, Sils floor drain etc.	21.000	M2	34.00	714.00
9	page no.- 43 , Item no-36(f)	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, columns, lintels curved or straight includin(f) 25 mm .to 30mm thik wooden shuttering without staging in foundation etc.	0.945	M2	209.00	197.51
10	page no.- 44 , Item no-40(ii)	Reinforcement 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 16 gauge 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.ii)Other than SAIL/ TATA/RINL	0.009	MT	70362.85	626.36
11	page no.- 26 , Item no-10(i)	Ordinary Cement Concrete M-20 (mix 1:1.5:3) with graded stone chips (20 mm size) excluding shuttering and reinforcement if any in ground floor.	0.095	M ³	6229.99	588.73

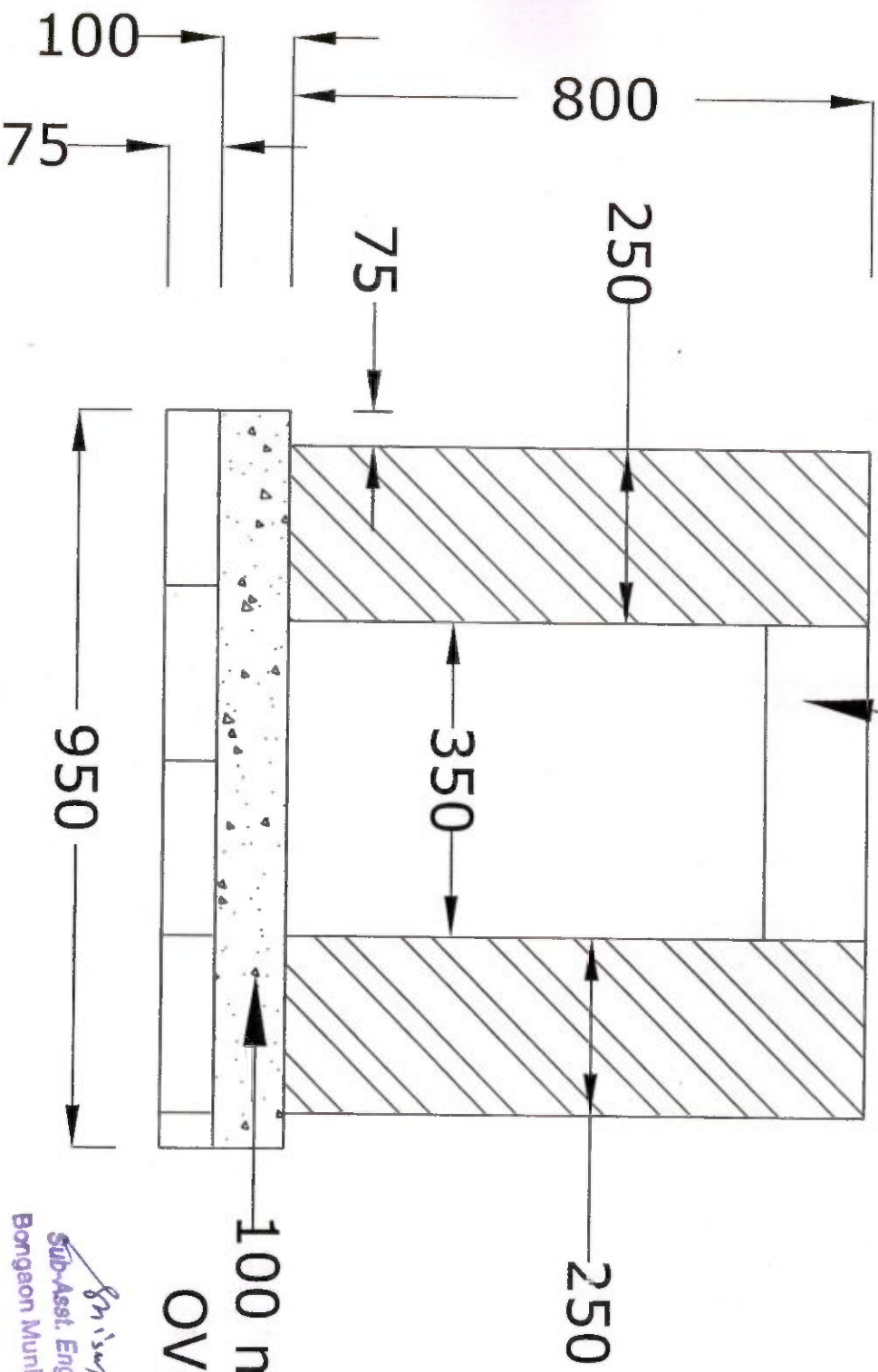
Total Rs.= 38321.44
 Add 12% G.S.T. Rs.= 4598.57
42920.02
 Add 1% Cess Rs.= 429.20
43349.22
 Add 3% contingency Rs.= 1287.60
Total Rs.= 44636.82
Say Rs.= 44637.00

Rate per mtr.= 4463.70


 Sign. Of S.A.E
 Sub-Asst. Engineer
 Bongaon Municipality

Sign. Of Chairman

 Chairman
 Bongaon Municipality

STRUT
150X150



100 mm TH. P.C.C
OVER S.B.F.S

Smishy
Sub-Asst. Engineer
Bongaon Municipality

Mr. M. M. M.
Chairman
Bongaon Municipality

CROSS SECTION OF DRAIN

DETAILED CALCULATION SHEET

Sl. No.	Description of Items	Nos.	10.0 0.950 0.975			Qty.	Unit			
			L (M)	B (M)	H/D (M)					
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary. Depth of excavation not exceeding 1500 mm.									
					Av. D= 0.9750					
		1 1 1	10.00	0.950	0.975	9.263	cu.m.			
2	Earth work filling in Filling in foundation trenches or plinth, with good earth in layer not exceeding 150mm . Including watering and ramming etc. layer by layer complet. Payment to be made on the basis of measurement of finished quantity of work) a) with earth obtained from excavation of foundation. 1/5 of excavated earth.									
					9.263 0.20	1.853	cu.m.			
						1.853	cu.m.			
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth.									
		1	10.000	0.950		9.500	sq.m			
4	Ordinary Cement concrete M-15 Mix (1:2:4) with graded stone chips (20mm size down) excluding shuttering and reinforcement ,if any, in ground floor.									
		1	10.000	0.950	0.100	0.950	cu.m.			
5	250 mm thick Brick work with 1st class bricks and cement mortar (1:6) in foundation and plinth									
					AV. D= 0.800					
		2	10.000	0.250	0.800	4.000	cu.m.			
						4.000	cu.m.			
6	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chipping corners as directed and raking out joints or roughening of concrete surface by chamfering etc.including throating, nosing and drip course where necessary. with 4:1 cement mortar 15mm thick plaster (4:1).									
					AV. D= 0.800					
	top-	2	10.000		0.800	16.000	sq.m			
		2	10.000	0.250		5.000	sq.m			
						21.000	sq.m			
7	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and 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).Using grey cement									
		1	10.000	0.350		3.500	sq.m			
8	Neat Cement Punning Avarage 1.5 mm Thick in wall, dado, window, Sills floor drain etc.									
						same area of plaster	21.000	sq.m		
9	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, columns, lintels curved or straight includin 25 mm .to 30mm thik wooden shuttering without stagging in foundation etc.									
		Strut-	3	6	0.35	0.15	0.945	sq.m		
							0.945	sq.m		
10	Reinforcement 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 16 gauge 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. Other than SAIL/ TATA/RINL									
						0.095	7.850	0.012	0.009	MT
11	Ordinary Cement Concrete M-20 (mix 1:1.5:3) with graded stone chips (20 mm size) excluding shuttering and reinforcement if any in ground floor.									
		strur-	6	0.700	0.150	0.150	0.095	cu.m.		
							0.095	cu.m.		

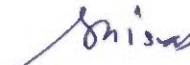

Sub-Asst. Engineer
Bongaon Municipality

ANNEXURE-1

FORMAT - B (2nd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef
01.11.2017, Date: 18.04.2018)

(Format for Analysis of Rate of reinforcing Steel supplied by Contractor)

<u>Sl. No.</u>	<u>Description of Items</u>	<u>Amount (Rs.)</u>	
1	Rate of item as per relevant section of this Schedule SAIL/TATA/RINL	I. 71416.00	A
2	Deduct Issue Rate (Per MT) of respective Quality steel 51900.00 X 1.05=(-)	54495.00	B
3	Add Basic Price at outlet of Steel of respective quality 46130.00 X 1.05 =	48436.50	C
4	Add Contractor's Profit @ 10% on cost of Steel only (Sl.No.-3) 48436.50 X 10% =	4843.65	D
5	Add cost of Carriage from outlet to site wite necessary loading, unloading and stacking charges for 1.05 MT Steel (Roads Schedule) i) Carriage of steel - 1.05 X 82.0 = Rs.86.10 P - 228, 0.0 km. To 5.0 km- Rs. 82.00/MT ii) Loading , unloading - 1.05 X 72.0 = Rs. 75.60	161.70	E
Final Rate of Item = (Rs. A - Rs. B + Rs. C + Rs.D + Rs. E) = Rs.		70362.85	


Sub-Asst. Engineer
Bongaon Municipality

**Rate Analysis of Cement Concrete For One Cu.M Concrete (1 : 1.5 : 3 Nominal Mix)
at site from Bongaon Rly Stack Yard upto 5 Km.**

1	Ordinary Cement Concrete (1:1.5:3) with graded stone chips (20mm Nominal size) including shuttering and reinforcement if any, in ground floor as per relevant I.S. codes (V.P - 26, It No.- 10 (i),(3rd CORRIGENDA & ADDENDA,v.p-13 & It-33)		Rs. 4651.00	A
2	Add cost of stone agg. At of 0.86 m3 At Bongaon (V.P - 1, of Table - T - I) 20mm nominal size 0.573 m3 10mm nominal size 0.287 m3	1482 x 0.573 1351 x 0.287	Rs. 849.19 Rs. 387.74 Rs. 1236.93x1.15	B
	Add 5% overhead Charge + 10% Contractor's profit		Rs. 1422.47	
3	Add cost of carriage of stone aggregates of 0.86 m3 @ 124.00 / m3 (Table - 2)			C
	0.0 Km to 5 Km	0.86 x 124	Rs. 106.64	
4	Add cost of loading and unloading of stone aggregate of 0.86 m3 @ 58.00 / m3 (Table - 3)	58 x 0.86	Rs. 49.88	D

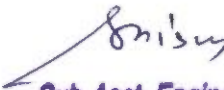
Final Rate of Item

A+B+C+D Rs.= 6229.99


Sub-Asst. Engineer
Bongaon Municipality

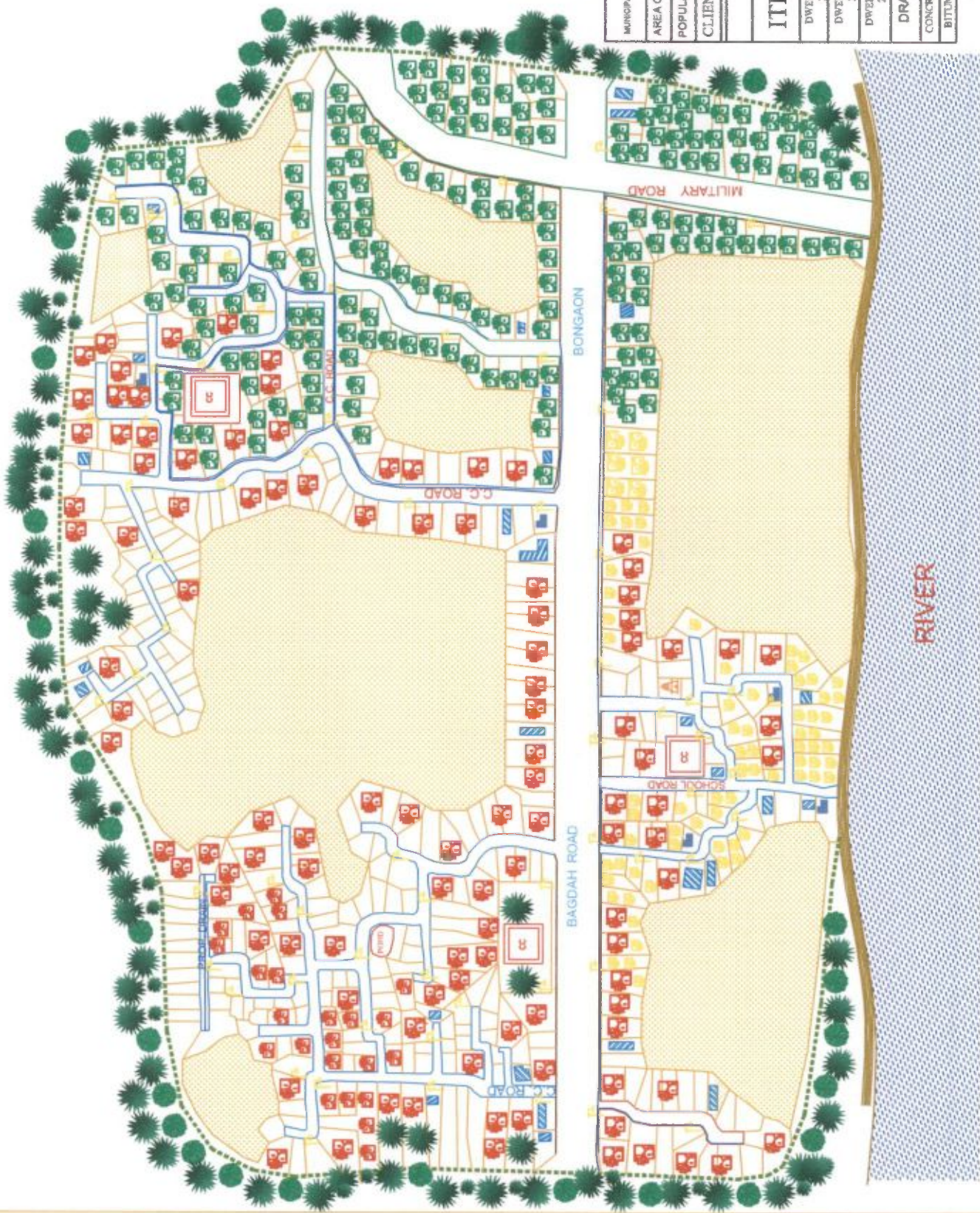
**Rate Analysis of Cement Concrete For One Cu.M Concrete (1:2:4 Nominal Mix)
at site from Bongaon Rly Stack Yard upto 5 Km.**

1	Ordinary Cement Concrete (1:2:4) with graded stone chips (20mm Nominal size) including shuttering and reinforcement if any, in ground floor as per relevant I.S. codes (V.P - 24, It No.-4 (3rd CORRIGENDA & ADDENDA, v.p-10 & It-27)		Rs. 4060.00	A
2	Add cost of stone agg. At of 0.88 m3 At Bongaon @0.88 m3/cu.m (V.P - 308, of Table - T - I) 20mm nominal size 0.66 m3 10mm nominal size 0.22 m3	1482 x 0.66 1351 x 0.22	Rs. 978.12 Rs. 297.22 Rs. 1275.34x1.15	B
	Add 5% overhead Charge + 10% Contractor's profit		Rs. 1466.64	
3	Add cost of carriage of stone aggregates of 0.88 m3 @ 124.00 / m3 (Table - 2)			C
	0.0 Km to 5 Km (From Bongaon Rly Stack yard)	0.88 x 124	Rs. 109.12	
4	Add cost of loading and unloading of stone aggregate of 0.88 m3 @ 58.00 / m3 (Table - 3)	58 x 0.88	Rs. 51.04	D
	Final Rate of Item =	A+B+C+D	Rs. 5686.80	








Sub-Asst. Engineer
Bongaon Municipality

Shishy
 sub-Assl. Engineer,
 Bongaon Municipality

SANKARADDHYA
 Charangan
 BONGAON MUNICIPALITY









MUNICIPAL SLUM MAP - KUTHIBARI AMBEDKAR COLONY JOYPUR	
AREA OF SLUM :	80M
POPULATION:791	WARD NO.- 1
CLIENT : BONGAON MUNICIPALITY	
LEGEND	
ITEMS	EXTG KUTCHA SYMBOL
DWELLING HOUSE 2015-2017	
DWELLING HOUSE 2016-2019	
DRAIN(P/ro)	
CONCRETE ROAD	
BITUMINOUS ROAD	

SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
1	1	ABHIJIT SINGHA ROY	M	SUSHANTA SINGHA ROY	462/141/B	UEC0720524	923518590136	HINDU	GEN	
2	1	ABUTALEB MONDAL	M	RATAN MONDAL	749/33/B	WB/13/085/6607	858388145780	MUSLIM	OBC	
3	1	AFRUJA SHEKH	F	ABDUL KHALIL SHEKH	606/016/65	UEC1494814	241844366295	MUSLIM	OBC	
4	1	AKLIMA BISWAS	F	MATIAR BISWAS	494/11/NEW	HCL3006764	270480679721	MUSLIM	OBC	
5	1	ALEK MONDAL	M	FAKIR CHAND MONDAL	90/75	HCL1456664	570299328316	MUSLIM	OBC	
6	1	ALOK BISWAS	M	ANIL BISWAS	318/197/22	HCL1458876	891399001247	HINDU	GEN	









SANKAR ADDHYA
Chairman
BONGAON MUNICIPALITY

SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
7	1	ANANDA SARDAR	M	RATAN SARDAR		WB/13/085/6634	832772848378	HINDU	GEN	
8	1	ANJANA BISWAS	F	SASHANKA BISWAS	384/236	HCL1459593	549788043648	HINDU	GEN	
9	1	ANUP MITRA M	M	ASHIM KUMAR MITRA	384/236	HCL1459594	403848709251		GEN	 SANTI RAJAN MONDAL
10	1	ARMAN ALI MONDAL	M	OHAZED ALI MONDAL		UEC1321280	861279860778	MUSLIM	GEN	
11	1	ASHISH BISWAS	M	GANAPATI BISWAS	138/193	HCL1451558	717392036336	HINDU	GEN	
12	1	ATARALI MONDAL	M	GANI MONDAL	537/A/100/	HCL1452564	681604820260	MUSLIM	GEN	















SANKAR ADDHYA
SANKAR ADDHYA
BONGAON MUNICIPALITY
BONGAON MUNICIPALITY







SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
13	1	ATIYAR RAHMAN SARDAR	M	ALAUDDEN	510/27/NEV	HCL1452002	563726802490	MUSLIM	GEN	
14	1	BAPPA BISWAS	M	KARTICK BISWAS	412/171	HCL3413358	752727273901	HINDU	GEN	
15	1	BASUDEB SHIL	M	ATUL KRISHNA SHIL	606/016/65	UEC0945329	730358464559	HINDU	GEN	
16	1	BISHNU DUTTA	M	GANESH DUTTA	384/236	UEC1470053	462236419668	HINDU	GEN	
17	1	BISWAJIT ROY	M	BALAI ROY	575/81/NEV	HCL3412640	313798327871	HINDU	GEN	
18	1	BISWAJIT SARDAR	M	GOBINDA SARDAR		UEC1471911	548449414039	HINDU	GEN	















SANKAR DDDHYA
Chairman
BONGAON MUNICIPALITY







SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
19	1	BISWAJIT SINGHA ROY	M	SUSHANTA SINGHA ROY		HCL3778446	976381248412	HINDU	GEN	
20	1	BISWASJIT BISWAS	M	GANAPATI BISWAS	138/193	HCL1451681	814265928927	HINDU	GEN	
21	1	CHHATTAR SARDAR	M	MAJIBAR SARDAR		UEC0716399	810525095184	MUSLIM	GEN	
22	1	DASHARATH BISWAS	M	RATAN CHANDRA BISWAS	61/234	HCL1461029	689992052248	HINDU	GEN	
23	1	DHURBA BISWAS	M	JAGUNATH BISWAS		UEC1175223	257013200938	HINDU	GEN	
24	1	DIPIKA SINGHA	F	SUBAL SINGHA	420/184	HCL3688900	900567676761	HINDU	GEN	







SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
25	1	DOLY CHAKROBORTY	F	LT-SONTOSH CHAKROBORTY	20/A/124/4	WB/13/085/6662	847091265092	HINDU	GEN	
26	1	GITA RANI BISWAS	F	SHYAMA PADA BISWAS	476/B//131	WB/13/085/6572	601001254784	HINDU	GEN	
27	1	GOURI RANI SAHA	F	RAMPADA SAHA		WB/13/085/6606	241901599879	HINDU	GEN	
28	1	HARI MONDAL	M	TULSI MONDAL		HCL1450394	536206040038	HINDU	GEN	
29	1	JAYA SARDAR	F	BISWANATH SARDAR	244/26/N	WB/13/085/6630	325833140190	HINDU	GEN	
30	1	JHARNA SARKAR	F	RAJIB SARKAR	605/104/N	UEC1582329	943017223575	HINDU	GEN	

SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
31	1	JUBBAR SARDAR	M	MUJIBAR SARDAR		UEC0716407	579868824066	MUSLIM	GEN	
32	1	JUHIRUDDIN SARDAR	M	SAFIKAR SARDAR		UEC0946285	684426407583	MUSLIM	GEN	
33	1	JUTHIKA BASU	F	SAMIR BASU	343/177	HCL1459510	958089516239	HINDU	GEN	
34	1	JYOSNA RANI PAL	F	BISWANATH PAL		WB/13/085/6604	327075625970	HINDU	GEN	
35	1	KAKALI BARUI	F	RABIN BARUI		HCL1451756	352293179509	HINDU	GEN	
36	1	LOKMAN MONDAL	M	ISRIH MONDAL	60/H	UEC1471044	209975282217	MUSLIM	GEN	







SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
37	1	MADHURI MALLIK	F	PRASHANTA MALLIJK	559/106/51	UEC1047810	929683528638	HINDU	GEN	
38	1	MAINUL SARDAR	M	MUJIBAR SARDAR	175/112/C	HCL3861127	878897866259	MUSLIM	GEN	
39	1	MANAN SARDAR	M	MUJIBAR SARDAR		HCL3368875	674197547058	MUSLIM	GEN	
40	1	MAYA RAY	F	DHIREN RAY	554/106/48	HCL1451962	346598763474	HINDU	GEN	
41	1	MINATI ROY	F	ASHOK ROY		WB/13/085/6571	254638391982	HINDU	GEN	
42	1	MIRA BISWAS	F	JAGANNATH BISWAS		HCL1459650	931064055193	HINDU	GEN	

SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
43	1	MOHAN BISWAS	M	HRABIUL BISWAS	759/60/D	HCL1455005	613543275755	HINDU	GEN	
44	1	NAJIMUDDIN SARDDER	M	ALLAUDDIN SARDDER	510/27/NEW	HCL1452788	892646298186	MUSLIM	GEN	
45	1	NAJMA KATUN	F	RABUL MONDAL		WB/13/085/0782	272983508733	MUSLIM	GEN	
46	1	NAMITA BISWAS	F	ARUN BISWAS		WB/13/085/6571	460765332692	HINDU	GEN	
47	1	PINTU GAIN	M	PURNIMA GAIN		HCL3369725	752456960760	HINDU	GEN	
48	1	PRABIN SARDAR	M	MOHAN SARDAR	222/NEW	HCL1461755	552256015561	HINDU	GEN	






SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
49	1	PURNIMA GYNE	F	SANTOSH GYNE		WB/13/085/6633	302592560984	HINDU	GEN	
50	1	RABINDRANATH BISWAS	M	SHIBA PRASAD BISWAS		WB/13/085/6603	690759120467	HINDU	GEN	
51	1	RAJIM TARAFDER	M	FAKIR CHAND TARAFDER		HCL3007655	881112173654	MUSLIM	GEN	
52	1	RAJU MISRA	M	RABINDRA NATH MISRA		HCL1451426	941305540484	HINDU	GEN	
53	1	RASHIDA MONDAL	F	KAUCHAR ALI MONDAL		HCL3862711	465871536331	MUSLIM	GEN	
54	1	REBEKA MONDAL	F	ASRAF ALI MONDAL	512/28/NE	HCL3006913	240098513013	MUSLIM	GEN	

SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
55	1	RINA MONDAL	F	JAYDEB MONDAL		HCL3365939	409183028487	HINDU	GEN	
56	1	RUPAM SAHA	M	NITYANANDA SAHA	34/A/166/A	HCL1463793	297238754167	HINDU	GEN	
57	1	SABINAYASMIN TARAFDAR	F	SAMCHHUR TARAFDAR		HCL0975417	206250934777	MUSLIM	GEN	
58	1	SABIR SARDAR	M	MUJIBAR SARDAR		UEC1321066	684722364835	MUSLIM	GEN	
59	1	SABITA HALDER	F	LET-SRIKANTA HALDER		HCL3778447	206250934777	HINDU	GEN	
60	1	SABITA RANI DAS	F	ASIM DAS	375/58/N	HCL1801380	587517996140	HINDU	GEN	


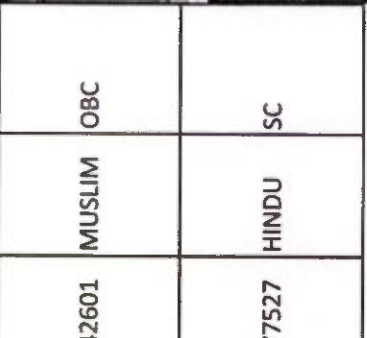


SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
61	1	SALIM ALI MONDAL	M	HASAN ALI MONDAL		UEC1684489	273096934852	MUSLIM	GEN	
62	1	SAMSUR MONDAL	M	LT-PIRBAKS MONDAL	34/54	HCL3686987	522406808052	MUSLIM	GEN	
63	1	SANJAY PAL	M	BISWANATH PAL		HCL3008133	604207307876	HINDU	GEN	
64	1	SARAJIT SINGHA ROY	M	SUSHANTA SINGHA ROY	462/141/B	UEC0720524	845713777961	HINDU	GEN	
65	1	SARASWATI KAR BISWAS	F	NARANDRA KAR	585/127/18	HCL1382860	249690434387	HINDU	GEN	
66	1	SEKENDER MONDAL	M	IDRISH MONDAL	60/H	UEC1583145	982717597947	MUSLIM	GEN	



SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
67	1	SHAYLENDRA NATH RAY	M	KRISHNA GOPAL RAY		WB/13/085/6633	790203316542	HINDU	GEN	 GOBINDA SEN
68	1	SHIULI BISWAS	F	MIHIR BISWAS		HCL3480365	784546816595	HINDU	GEN	
69	1	SUDEB PAL	M	PALAN PAL		HCL3480357	812851529299	HINDU	GEN	
70	1	SUFAL BISWAS	M	KALIPADA BISWAS		HCL1458249	297331565800	HINDU	GEN	
71	1	SUJAN ADHIKARI	M	PURNA ADHIKARI		HCL3480381	574690094052	HINDU	GEN	 SUJAY BALA
72	1	SUMAN SAHA	M	SUFAL SAHA	574/106/74	UEC1162411	844713935815	HINDU	GEN	



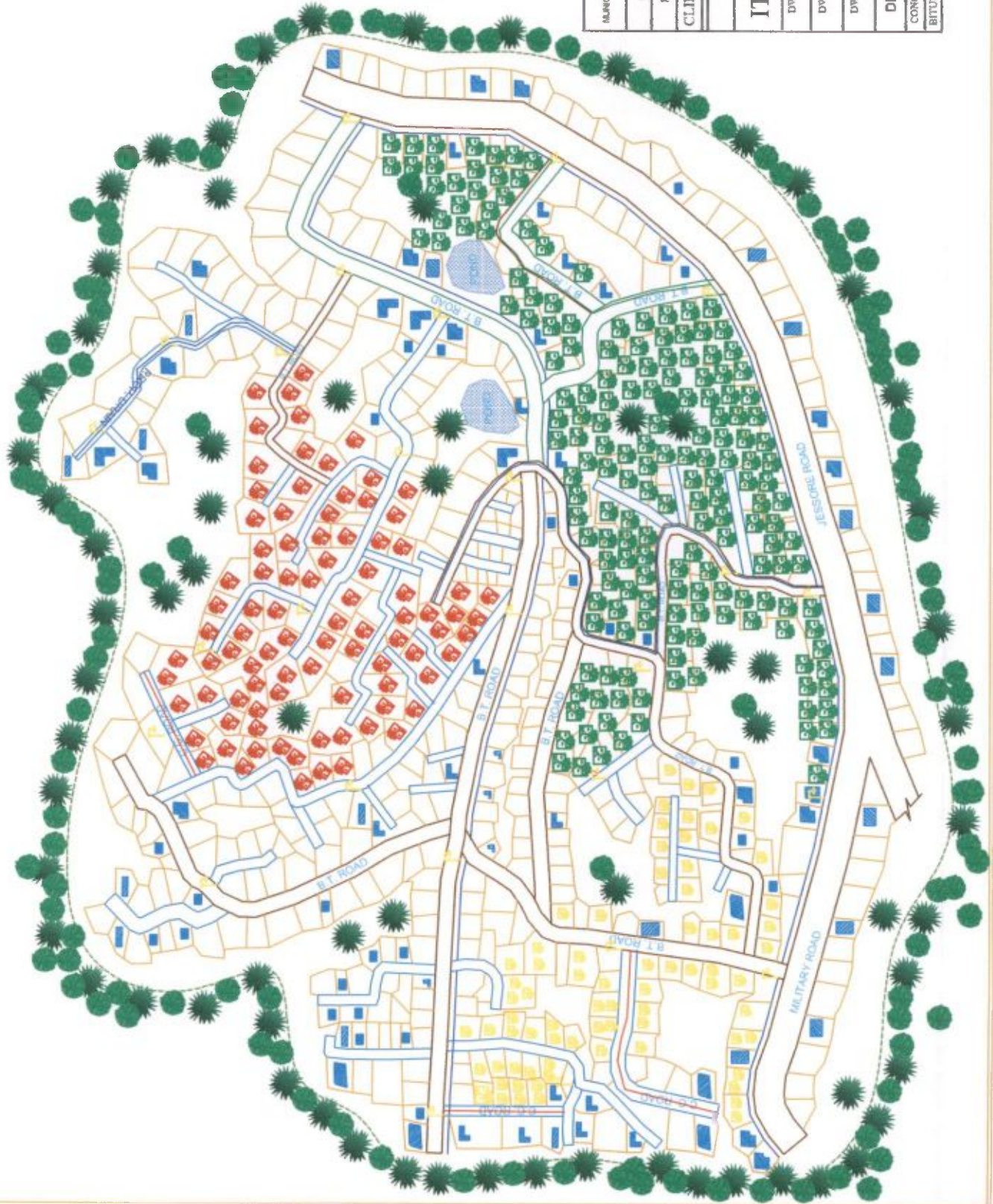
SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
73	1	TACHHLIMA MONDAL	F	SAHEB ALI MONDAL		HCL1450725	567017842601	MUSLIM	OBC	
74	1	TINKU BISWAS	M	DIPALI BISWAS		WKM0957167	311325177527	HINDU	SC	







SANKAR ADDHYA
Chairman
ONGAON MUNICIPALITY

Sanjay
 sub-Assl. Engineer,
 Bongaon Municipality




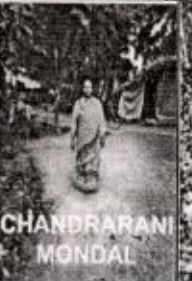


SANKAR ADDHYA
 Chartered
BONGAON MUNICIPALITY

MUNICIPAL SLUM MAP - JOYPUR	
AREA OF SLUM :	WARD NO - 2
POPULATION : 1989	
CLIENT : BONGAON MUNICIPALITY	
LEGEND	
ITEMS	EXTG KUTCHA SYMBOL
DWELLING HOUSE 2015-2016	
DWELLING HOUSE 2016-2017	
DWELLING HOUSE 2018-2019	
DRAIN(Pro)	
CONCRETE ROAD	
BITUMINOUS ROAD	



SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
75	2	ARUN DEBNATH	M	MAHADEB		UEC1584382	619863226372	HINDU	OBC	 ARUN DEBNATH
76	2	AYESA MOLLA	F	ANOYAR MOLLA		HCL1464569	280664284575	MUSLIM	OBC	 Ayasha Molla
77	2	BARUN DEBNATH	M	MAHADEB		UEC1322148	703706157314	HINDU	OBC	
78	2	BASANTI CHAKRABORTY	F	DIPAK CHAKRABORTY		WB/13/085/4442	984737162179	HINDU	GENAREL	
79	2	BENU DAS	M	BIMAL DAS	575/148/N	HCT2318871	543798924813	HINDU	GENERAL	 Benu Das
80	2	BIJOY DAS	M	AMULYA DAS		UEC1495217	918029499236	HINDU	SC	 BIJOY DAS



SL. NO	WARD NO	FAMILY HEAD	SEX	FATHER/ HUSBAND	HOLDING NUMBER	VOTER CARD NUMBER	AADHAAR NUMBER	RELIGION	CAST	PICTURE
81	2	BIMAL ROY	M	MAHENDRA ROY		WB13085669473	270171057700	HINDU	SC	 Bimal Roy
82	2	BINAPANI KUNDU	F	NEMAI KUNDU		WB/13/085/6693	994276519169	HINDU	SC	 BINAPANI KUNDU
83	2	CHAMPA SAHA	F	NARAYAN CHANDRA SAHA		HCL3014081	968352206743	HINDU	GENERAL	 Champa Ghosh
84	2	CHANDRA RANI MANDAL	F	MOHAN MANDAL		WB/13/085/6752	869438330864	HINDU	SC	 CHANDRARANI MONDAL
85	2	CHHAYARANI SUTRADHAR	F	PARIMAL SUTRADHAR		UEC1495423	272695785026	HINDU	GEN	 Ghaya Rani Sutradhar
86	2	CHITTARANJAN PAL	M	RAM GOPAL PAL		UEC1343128	306214098164	HINDU	GENAREL	 CHITTARANJAN PAUL

