

**Detailed Project Report (DPR) For  
Beneficiary Led Construction  
Under  
Pradhan Mantri Awas Yojana (PMAY) : Urban**



**2015-2016**

**Submitted by**

**Municipal Engineering Directorate,**

**Govt. of West Bengal**

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

Total beneficiaries of the scheme are 1099 nos from 22 nos slums and 6 nos non slums projected for the year 2015-16.

Total cost of the project is **Rs. 4448.752 lakhs** as per relevant department & P.W.D. schedule of rates.

  
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Jhalda Municipality

## FUND FLOW PATTERN

Rupees in lakhs

NAME OF THE SCHEME	ESTIMATED COST	YEAR 2015-16			TOTAL
		GOI	GOWB	ULB	
PMA Y project - Ranaghat Municipality	1858.03	688.50	970.33	84.46	1858.03
				114.75	
					1858.03

### PHASING OF FUND

Rupees in lakhs

YEAR 2015-16	RELEASE OF FUND				TOTAL
	GOI	GOWB	ULB	Beneficiaries	
1st Installment @ 40%	275.40	388.13	33.78	114.75	812.06
2nd Installment @ 40%	275.40	388.13	33.78	0.00	697.31
3rd Installment @ 20%	137.70	194.07	16.89	0.00	348.66
<b>TOTAL</b>	<b>688.50</b>	<b>970.33</b>	<b>84.46</b>	<b>114.75</b>	<b>1858.03</b>

### REQUIREMENT OF FUND

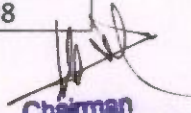
Rupees in lakhs

SL. NO	NAME OF THE SCHEME	YEAR 2015-16	TOTAL
1	PMA Y project - Ranaghat Municipality	1858.03	1858.03
<b>Total</b>		<b>1858.03</b>	<b>1858.03</b>

  
 Chairman  
 Jhalda Municipality

## Table of Contents

Introductory Note by Chairperson	4
List of Tables	5
List of Figures	6
List of Maps	6
Abbreviations	7
Working Definitions	8
Executive Summary	10
Brief Project Details	15
City Profile and Overview	18
Section I Introduction	20
Section: 2 Salient features of HFAPoA and its linkage with proposed project and its justification	22
2.1 General introduction on status and Prioritization for proposed project	22
2.2. Summary of findings of HFAPoA. Physical infrastructure & Social infrastructure, Spatial, demographic and socio-economic profiles of slums/ Non slums	22
2.3 Tenure Status	24
2.4 Choice of Option/Vertical and its justification for housing and/or infrastructure	26
2.5 Resource mobilization strategy and Implementation strategy	30
Section 3: Project Concept and Scope	32
3.1 Introduction of slum(s)/non Slum Area	32
3.2. Location of slum(s) / non Slum Area, Tenural Status, Land use and Land Possession status	38
3.3. Existing basic infrastructure and its coverage	42
Section 4 – Description of Proposed Project and Planning	49
4.1 Provision of Housing	49
4.2. Disaster Management and Mitigation	65
4.3. Statutory approval including environmental clearance (as applicable)	65
Section 5 – Project Cost Estimate	68
5.1. Abstract cost estimates	68
5.2. Detailed Estimates	71
5.2.1. Detailed Estimate of Provision of Housing	71
5.2.2. Detailed Estimate of adoption of technology for Concrete Road:	91
5.2.3. Detailed Estimate of adoption of technology for Water Connection	95
Section 6 – Project Implementation & Management Framework	96
6.1. Institutional Framework for implementation	96
6.2. Implementation schedule	97
6.3. Quarterly component wise investment schedule vis-a-vis means of finance	98
6.4. Monitoring mechanism at State, ULB and Community level.	98
6.5. Quality Control & Quality Assurance Plan	98

  
 Chairman  
 Jhalda Municipality

Section 7 – Operation & Maintenance Plan	99
Section 8 – Project Financials	100
Section 9	
9.1 Lan Use Map of the Municipality.	
9.2 Map Showing Slums	
9.3 Slum Maps (Slum 1 to Slum 40)	
9.4 Map Showing Non-Slum Areas	
9.5 Non-Slum Area Maps (1 to 4)	
Annexure to DPR:	
List of Beneficiaries	
Copy of BOC Resolution	
Sample copy of consent of beneficiaries	
Sample copy of households survey	

  
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## Introductory Note by Chairperson



JHALDA MUNICIPALITY consisting of 12 nos. of Wards is a rural based Municipality, established on 1<sup>st</sup> July, 1888 and situated in the District of Purulia. Jhalda town is situated in the western part of Purulia district and about 9 km from Jharkhand Bengal Border. Being a rural based economy municipal town faces many problems in its development process. Govt. Grants are the only source of fund for the infrastructure development as well as the socio-economical development of the municipal citizen.

In this context the Municipality has prepared Housing for All Plan of Action during the period from 2015-16 to 2021-22 and Detailed Project Report (DPR) for Beneficiary Led Construction for the year 2015-16.

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

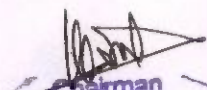
From the demand survey under this project it was reveled that the demand of housing is 2752 nos. Out of these 926 nos. has taken up for slum area and 173 nos. has taken up for Non-Slum areas for the year 2015-16.

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

  
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**List of Tables**

Sl. No.	Description	Page No.
1	Table 1: Component wise abstract for each slum/Non slums area	13
2	Table 2: Land Tenure Status in connection with Housing for All in Slums	24
3	Table 3: Land Tenure Status in connection with Housing for All in Non-Slum Areas	25
4	Table 4: Slum and Non-Slum wise Intervention strategies	26
5	Table 5: Year-wise targets under different components	29
6	Table 6: Slum areas	33
7	Table 7: Non-Slum Areas	36
8	Table 8: Location of Slums	38
9	Table 9: Existing Basic Infrastructure of Slums	42
10	Table 10: Connectivity of Slums	43
11	Table 11: Annexure C- DPR Scrutiny Report for BLC	47
12	Table-12: Dwelling units	61
13	Table-13: Share of Fund	65
14	Table 14: Component wise abstract for each slum/Non slums area	68

  
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**List of Figures**

Sl. No.	Description	Page No.
1	Figure- 1: Drawing of Dwelling Unit	70

**List of Maps**


Sl. No.	Description	Page No.
1	Map 1: Base Map of Jhalda Municipality	23
2	Map 2: Map Showing Slum Areas	35
3	Map 3: Map Showing Non-Slum Areas	37

  
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**Abbreviations**

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

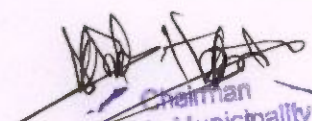
  
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## Working Definitions

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

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

  
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## Executive Summary

### Project Details

1	State	:	West Bengal
2	City	:	Jhalda
3	Project Name	:	Housing for All, Jhalda Municipality under PMAY
4	Project Cost	:	(Rs. In Lacs) <b>4448.752</b>
5	Central Share	:	(Rs. In Lacs) <b>1648.500</b>
6	State Share	:	(Rs. In Lacs) <b>2323.286</b>
7	ULB Share	:	(Rs. In Lacs) <b>202.216</b>
8	Beneficiary Share	:	(Rs. In Lacs) <b>274.750</b>
9	Infrastructure cost per dwelling unit	:	(Rs. In Lacs) <b>0.368</b>
10	SOR Adopted	:	PWD (WB) w.e.f 1.7.14 with current corrigendum.

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

Sl No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share	State Govt. Share	ULB Share	Beneficiaries Share
<b>A. HOUSING</b>											
1	New in- situ										
	Single storied units		1099	Nos.	368000.00	4044.320	4044.320	1648.500	2121.070	0.00	274.750
2	Up-gradation										
3	Rental										
4	Transit										
<b>Total Housing Cost Sub Total (A)</b>						<b>4044.320</b>	<b>4044.320</b>	<b>1648.500</b>	<b>2121.070</b>	<b>0.00</b>	<b>274.750</b>

<b>B. INFRASTRUCTURE</b>										
1	Roads									
i	BT Roads									
ii	CC Roads	2.5 m wide	9449.74	Mtr	4097	387.156	0.00	193.578	193.578	0.00
iii	Interlocking Block									
iv	Culverts									
2	<b>Water Supply</b>									
i	UGSR									
ii	SR									
iii	Internal Pipeline		1099	Nos.	1572.00	17.276	0.00	8.638	8.638	0.00
iv	Pump Station & tube well									
3	<b>Storm Water Drains</b>									
i	Onsite drain & Culvert									
<b>Total Infrastructure Cost Sub Total (B)</b>										
<b>Total (A+B)</b>										
<b>Ratio of Housing to Infrastructure (A/B)</b>										
<b>(C) Operation and maintenance cost</b>										
1	O & M Cost for maintenance of assets created @4% for one year				0%	0.00	0.00	0.00	0.00	0.00
<b>Total O &amp; M Cost Sub Total (C)</b>										
<b>Sub Total(A+B+C)</b>										
<b>4448.752 4448.752 1648.500 2323.286 202.126 202.216 274.750</b>										

Signature of the ULB Level Competent Technical officer

Signature of the State Level Competent Technical Officer

Name & Designation: Pradip Kumar Goswami, SAE

Address: P.O. & P.S.- Jhalda, Purulia

Fax No: 03254 255219

Telephone No.: 03254 255219

Mobile No.: 7063622069

E-mail: [jhlmunicipal@gmail.com](mailto:jhlmunicipal@gmail.com)

Signature of the State Level Nodal Officer

Name & Designation: Sri M.N. Pradhan, IAS  
Director, SUDA


Address: State Urban Development Agency

Fax No: 91-33-23585767

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E-Mail: [wbsudadir@gmail.com](mailto:wbsudadir@gmail.com)

  
Name & Designation: Amit Das, Chief Engineer, Municipal  
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**Chief Engineer**

**M E Directorate**

Deptt. of Municipal Affairs

Govt. of West Bengal

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E-mail: [ce\\_medte@yahoo.com](mailto:ce_medte@yahoo.com)

Signature of the Chairman / CEO/Commissioner of ULB/

Implementing Agency: Jhalda Municipality

Name & Designation: Madhusudan Kayal

Chairman, Jhalda Municipality

Address P.O. & P.S.- Jhalda, Purulia

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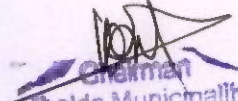
Component wise abstract for each slum/Non slums area

Sl. No.	Ward No	Slum Name / Non-Slum Area	Slum Code	Dwelling Unit		Water Connection (Physical Infrastructure)		CC Road (Physical Infrastructure)		Total
				Proposed Nos.	Cost Involved @ Rs. 3.68 lakh/unit	Unit in Nos.	Cost Involved @ Rs. .01572lakh/connection	In Mtrs.	Cost Involved @ Rs. .04097 lakh/Mtr.	
1	1	KUNDU KULI AND CHUTAR KULI BUSTEE	S.C-001	10	36.800	10	0.157	85.98	3.523	40.480
2	2	HATTOLA AND CHUTAR BUSTEE	S.C-002	34	132.480	34	0.566	309.55	12.682	145.728
3		MUNCHI PARA BUSTEE	S.C-003	65	231.840	65	0.990	541.70	22.194	255.024
4	3	RATH GORAH BUSTEE	S.C-004	41	206.080	41	0.880	481.52	19.728	226.688
5		GARH KULI BUSTEE	S.C-005	66	187.680	66	0.802	438.52	17.966	206.448
6	4	KAIBARTA PARA BUSTEE	S.C-006	28	103.040	28	0.440	240.76	9.864	113.344
7	5	DERA BUSTEE	S.C-007	26	92.000	26	0.393	214.96	8.807	101.200
8		CHATANI PARA BUSTEE	S.C-008	28	106.720	28	0.456	249.36	10.216	117.392
9	6	PAHARDHAR AND KHUKRI SAHEB DERA	S.C-009	29	103.040	29	0.440	240.76	9.864	113.344
10		POKA BANDH BUSTEE	S.C-010	48	180.320	48	0.770	421.33	17.262	198.352
11		CHAWK BAZAR BOURI PARA BUSTEE	S.C-011	15	55.200	15	0.236	128.98	5.284	60.720
12	7	BAGANDI BUSTEE	S.C-012	124	456.320	124	1.949	1066.21	43.683	501.952
13		KAICHI BANDH BUSTEE	S.C-013	8	29.440	8	0.126	68.79	2.818	32.384
14		LUCUS SAHEB DERA	S.C-014	4	14.720	4	0.063	34.39	1.409	16.192
15	8	PURANO BANDH BUSTEE	S.C-015	57	202.400	57	0.865	472.92	19.375	222.640
16		SASTI KULI BUSTEE	S.C-016	14	55.200	14	0.236	128.98	5.284	60.720
17	9	MANDAP PARA KACHHI KHAL BUSTEE	S.C-017	80	294.400	80	1.258	687.88	28.182	323.840
18	10	DABAR KULI GHASI KULI BUSTEE	S.C-018	47	187.680	47	0.802	438.52	17.966	206.448

  
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19		KUIRY PARA BUSTEE	S.C-019	22	80.960	22	0.346	189.17	7.750	89.056
20	11	BAGTIPARA BAI SNAB PARA BUSTEE	S.C-020	101	371.680	101	1.588	868.45	35.580	408.848
21	12	JELIA PARA BUSTEE	S.C-021	32	154.560	32	0.660	361.14	14.796	170.016
22		STATION PARA BUSTEE	S.C-022	44	125.120	44	0.534	292.35	11.978	137.632
23	1	NON-SLUM IN WARD NO. 1		31	114.080	31	0.487	266.55	10.921	125.488
24	4	NON-SLUM IN WARD NO. 4		11	40.480	11	0.173	94.58	3.875	44.528
25	5	NON-SLUM IN WARD NO. 5		30	110.400	30	0.472	257.95	10.568	121.440
26	6	NON-SLUM IN WARD NO. 6		62	231.840	62	0.990	541.70	22.194	255.024
27	8	NON-SLUM IN WARD NO. 8		29	92.000	29	0.393	214.96	8.807	101.200
28	10	NON-SLUM IN WARD NO. 10		13	47.840	13	0.204	111.78	4.580	52.624
		<b>Total</b>		1099	4044.320	1099	17.276	9449.74	387.156	4448.752

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

  
 Chairman  
 Jhalda Municipality



## Brief Project Details

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

The urban homeless persons contribute to the economy of the cities and thus the Nation as cheap labour in the informal sector; yet they live with no shelter or social security. The urban homeless people are not getting service with many challenges like no access to elementary Public Services such as health, education, food, water and sanitation. Pradhan Mantri Awas Yojana (PMAY) also aims at providing a pucca house to every family with toilet facilities, 24 X 7 electricity supply.

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

Total beneficiaries of the scheme are 1099 nos from 22 nos slum and 6 nos of Non Slum projected for the year 2015-16 .

Total cost of the project is **Rs. 4448.752 lakhs** as per relevant department & P.W.D. schedule of rates.

  
Chairman  
Jhalda Municipality

## Annexure 7C

(Para 14.5 of the Guidelines)

## Format for Projects under Beneficiary led Construction or Enhancement

1.	Name of the State	:	West Bengal					
2.	Name of the City	:	Jhalda					
3.	Project Name	:	Housing for All					
4.	Project Code *	:						
5.	State Level Nodal Agency	:	State Urban Development Agency					
6.	Implementing Agency/ ULB	:	Jhalda Municipality					
7.	Date of approval by State Level Sanctioning and Monitoring Committee (SLSMC)	:						
8.	Project Cost (Rs. In Lakhs)	:	4448.752					
9.	No. Of beneficiaries covered in the project	:	Gen	SC	ST	OBC	Minority	Total
								1099
10.	(i) No. Of Beneficiaries ( New Construction)	:	1099					
	(ii) No. Of Beneficiaries ( Enhancement)	:	Nil					
11.	Whether selected beneficiaries have rightful ownership of the land?	:	Yes					
12.	Whether building Plan for all houses have been approved?	:	Yes					
13.	Gol grant required (Rs. 1.5 lakh per eligible Beneficiary) (Rs. In Lakhs)	:	1648.500					
	State grant, if any (Rs. In Lakhs)	:	2323.286					
	ULB grant, if any (Rs. In Lakhs)	:	202.216					
	Beneficiary Share (Rs. In Lakhs)	:	274.750					
	Total (Rs. In Lakhs)	:	4448.752					
i)	Whether technical specification/ design for housing have been ensured as per Indian Standards/NBC/ State norms?	:	Yes					

ii)	Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation?	:	Yes
iii)	Brief of project, including any other information ULB/State would like to furnish	:	Yes

\*State will give code number to each project sanctioned under HFA as 'ABCDEFGHIJK'

(Where, 'AB' is State Code as per census, 'CDEFGH' is City Code as per census, 'IJ' is running number of project of the city and 'K' is project component code i.e. 'K' will be 1 – for In-situ slum redevelopment, 2- for Relocation, 3 – for AHP and 4 – for Beneficiary Led Construction or enhancement)


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

Signature

(State Level Nodal Officer)

Signature

(Secretary/Principal Secretary, Concerned Department)

  
**Chief Engineer**  
**M E Directorate**  
**Deptt. of Municipal Affairs**  
**Govt. of West Bengal**

## History

Jhala Municipality comes into being 1<sup>st</sup> July 1888 under Bihar-Orissa local self Govt. Act 1885.

Sub-Divisional Officer, Purulia Sadar Manbhum was the Ex-Officio Chairman, Jhalda Municipality. Municipality was governed under Bihar-Orissa Municipal Act till 30<sup>th</sup> October 1956 and from 1<sup>st</sup> November 1956 it is being governed under West Bengal Govt.

The Municipality is 45 km from the district town Purulia and 9 km from Jharkhand Bengal Border. It was started with only 200 hutments having hardly a population of 2000. At first the municipality was divided into 4 ward constituencies. Then in the year 1961 it was divided into 9 wards and in the year 1996 the municipality was divided into 12 wards having 12 councillors.

At present the population of the municipality is 19540. Actually the population increases by leaps and bounds from 1975 onwards. It is still being on the increase.

The topographical features of the town is such that it was never frequented by flood and land slides. But during torrential rain with strong wind in rainy seasons hutments of the poor slum dwellers are worst effected by rain. During peak summer season, the rate payers of town face great difficulties in producing portable water supply for drinking and also for other domestic purpose. So we fill to make an over all, sustainable, people participatory development plan.

## YEAR OF ESTABLISHMENT

1<sup>st</sup> July 1888

  
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# DPR Main Report

## Section I Introduction

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

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

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

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

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

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

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

- 1) Taking Initiative for Demand Assessment Survey.
- 2) Conducting Orientation Programme with elected representative and officers of ULB.
- 3) Conducting Orientation programme with Supervisors and Enumerators.
- 4) Conducting Demand survey and complete the work.

  
Chairman  
Jhalda Municipality

- 5) Conducting Data Entry of the survey form and complete the work
- 6) Analysis of the data.
- 7) Filling up the requisite formats.
- 8) Planning of project with elected representatives and officers of ULB.
- 9) Preparing investment requirement and Financial plan
- 10) Finalization of HFAPoA.

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

### **2.1 General introduction on status and Prioritization for proposed project**

In summarizing the HFAPoA of Jhalda Municipality, it takes one vertical for implementation of the project i.e. "Beneficiary –led – construction". For this project, Jhalda Municipality conducted Demand Assessment survey for getting total requirement of houses in the ULB. From this survey, the total survey form received from Semi-Pucca & Kutcha House is 2752. Out of total survey forms received, 2319 form received from 22 slums and 433 forms received from non slums.

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

Housing for All (HFA) Scheme has since been launched by the Ministry of Housing & Urban Poverty Alleviation (MoHUPA), Govt. Of India in Mission mode which envisages provision of Housing for All by 2022 when the Nation completes 75 years of its Independence. The Mission seeks to address the housing requirement of urban poor including slum dwellers through following programme verticals:

- a) Redevelopment of slums with private participation
- b) Promotion of affordable Housing for weaker section through credit linked subsidy
- c) Affordable Housing in partnership with public sectors
- d) Subsidy for beneficiary-led individual house construction.

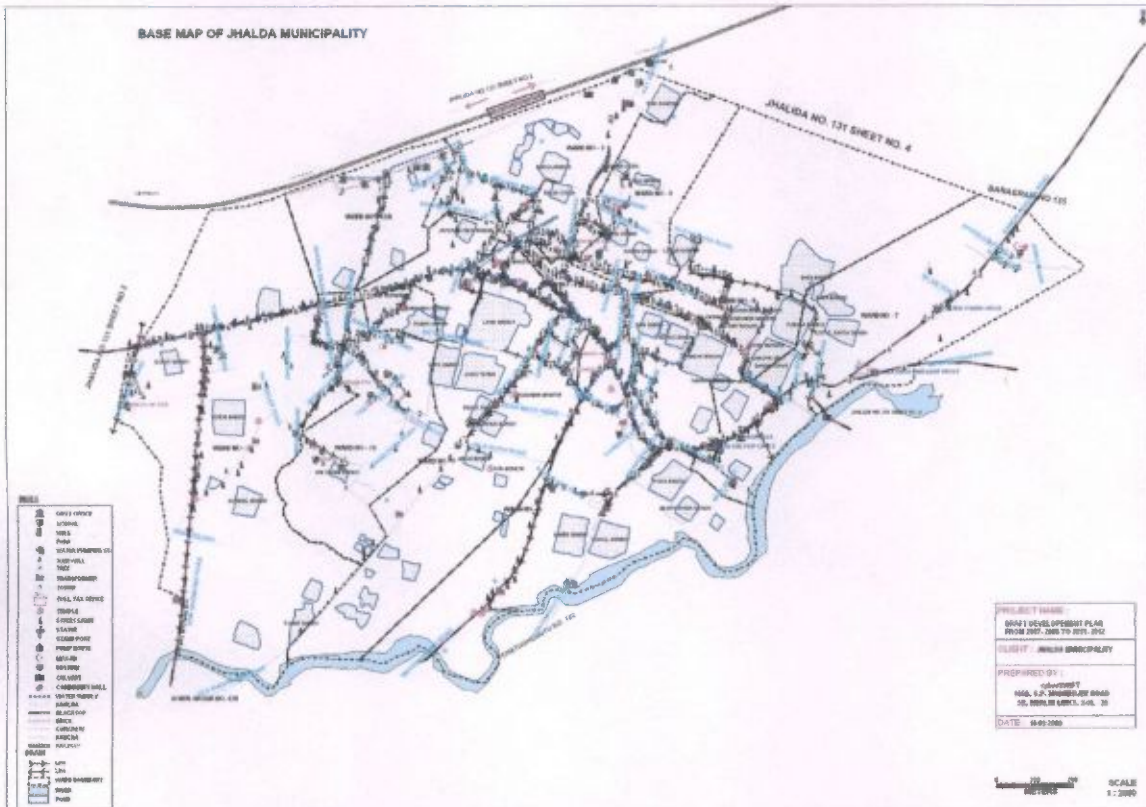
In compliance with the objective and as per direction of the Ministry of Housing & Urban Poverty Alleviation (MoHUPA) and State Urban Development agency(SUDA), West Bengal was undertake a demand survey through suitable means for accessing the actual demand of housing. For this mission Jhalda Municipality undertook Demand survey on 17.09.2015 and completed the survey on 06.10.2015. From this survey, different informations have been took off. Summary of findings of survey have been given below:

There was no slum area in Jhalda Municipal area before 2006. Identification of slums started during 2006. But identification of slum has done in a structure manner during preparation of 1<sup>st</sup> generation "Draft Development Plan-2008-2013" in the year 2007. Till then number of slums were 22. IHSDP Project was for 16 slums. Identification and restructuring of slum areas done during USHA survey in the year 2012. Housing for All project has been prepared for these 22 slums.



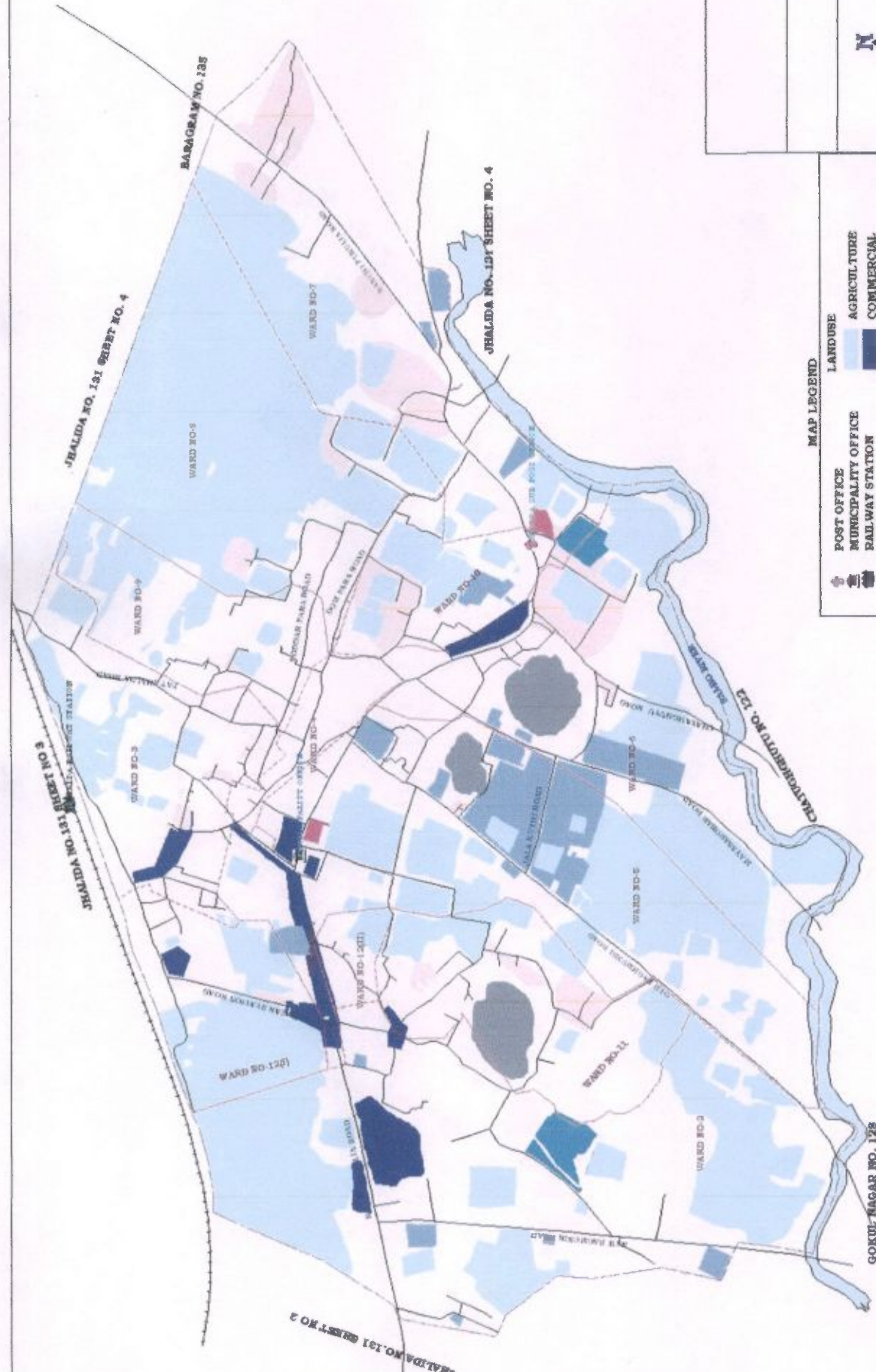
### Brief Details of Non-Slum Area

## Base Map of Jhalda Municipality



Map 1: Base Map of Jhalda Municipality

*[Signature]*  
Chairman  
Jhalda Municipality



**MAP LEGEND**

POST OFFICE	
	POST OFFICE
	MUNICIPALITY OFFICE
	RAILWAY STATION
	ROAD
	RIVER
	WARD BOUNDARY
	MUNICIPAL BOUNDARY

LAND USE	
	AGRICULTURE
	COMMERCIAL
	HILL
	INDUSTRIAL
	OPEN SPACE
	DEDICATED OPEN SPACES
	WATER BODIES
	RESIDENTIAL
	SLUM
	PUBLIC SEMI PUBLIC



0 400 800 METRES

JHALDA MUNICIPALITY

LANDUSE MAP

DWG NO 07-JM

DATE JUNE-09

*(Signature)*  
 Jhalda Municipality

### 2.3 Tenure Status

As per the demand survey and geographical location of the city out of four verticals municipality has taken only Beneficiary Lead Construction (BLC) for the year 2015-16. In the 1<sup>st</sup> year of implementation of Housing for All, 1099 beneficiaries have been identified for the construction of New House through BLC. The above beneficiaries have been selected only who are able to provide the land required for the construction of new house under BLC.

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

Ward No	Slum Code	Slum Name	AREA (In Sq. Mt.)	Ownership details			Type of house as per Roof Type		
				Own	Rented	Otherwise	Pacca	Semi Pucca	Katcha
a	b	c	d	e	f	g	h	i	j
1	001	Kandu Kuli and Chutar Kuli Bustee	45000	48	0	0	24	20	4
2	002	Hattola and Chutar Bustee	66000	120	0	0	31	50	39
	003	Munchi Para Bustee	46000	166	0	0	9	67	90
3	004	Rath Gorah Bustee	47000	176	0	0	36	42	98
	005	Garh Kuli Bustee	61000	163	0	0	35	38	90
4	006	Kaibarta Para Bustee	86000	207	0	0	138	42	27
5	007	Dera Bustee	42000	64	0	0	2	6	56
	008	Charani Para Bustee	67000	101	0	0	28	73	0
6	009	Pahardhar and Khukri Saheb Dera	58000	71	0	0	0	27	44
	010	Poka Bandh Bustee	68000	123	0	0	0	50	73
	011	Chawk Bazar Bouri Para Bustee	19000	39	0	0	1	23	15
7	012	Bagandi Bustee	104000	349	0	0	37	79	233
	013	Kaici Bandh Bustee	24000	20	0	0	0	19	1
	014	Lucus Saheb Dera	18000	11	0	0	0	3	8
8	015	Purano Bandh Bustee	112000	206	0	0	68	60	78
	016	Sati Kuli Bustee	61000	59	0	0	21	6	32

9	017	Mandap Para Kachhi Khal Bustee	18000	251	0	0	50	171	30
10	018	Dabar Kuli Ghasi Kuli Bustee	89000	141	0	0	14	18	109
	019	Kuiry Para Bustee	41000	60	0	0	4	20	36
11	020	Bagtipara Baisnab Para Bustee	124000	320	0	0	68	191	61
12	021	Jelia Para Bustee	89000	123	0	0	19	71	33
	022	Station Para Bustee	24000	131	0	0	45	76	10

Table 2: Land Tenure Status in connection with Housing for All in Slums

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

Non-Slum Area	Land Ownership			Type of House	
	Own	Rented	Otherwise	Semi Pucca	Kutchha
a	b	c	d	e	f
Ward 1	74	0	3	57	20
Ward 4	27	1	0	18	10
Ward 5	73	0	3	76	0
Ward 6	134	2	21	79	78
Ward 8	61	2	0	10	53
Ward 10	32	0	0	20	12

Table 3: Land Tenure Status in connection with Housing for All in Non-Slum Areas

  
 Chairman  
 Jhalda Municipality

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

Housing for All (HFA) Scheme has since been launched by the Ministry of Housing & Urban Poverty Alleviation (MoHUPA), Govt. of India in Mission mode which envisages provision of Housing for All by 2022 when the Nation completes 75 years of its Independence. The Mission seeks to address the housing requirement of urban poor including slum dwellers through following programme verticals:

- Redevelopment of slums with private participation
- Promotion of affordable Housing for weaker section through credit linked subsidy
- Affordable Housing in partnership with public sectors
- Subsidy for beneficiary-led individual house construction.

Considering the Geographical location and outcome of Demand Survey, Jhalda Municipality, takes only one vertical i.e. is “Beneficiary led construction”. From present Demand Assessment survey for Housing for all (HFA), it is noticed that all the household e.i. 2752 want their house through “Beneficiary-led-Construction”.


### II. Slum-wise Intervention strategies for Untenable Slums (Non PPP)

Name of the Slum	Area of the Slum in sq. mtrs	Total No. of Slum House as per Demand Survey	Proposed Development Strategy		Proposed Year of Intervention
			i-Affordable Housing Project (AHP)		
			ii-Credit Linked Subsidy Scheme (CLSS)		
			iii-Beneficiary Led Construction		
			iv-Clubbing with other Tenable Slums		
Kandu Kuli and Chutar Kuli Bustee(a) East	45000	10	Beneficiary Led Construction		2015-16
(b) West		8	Beneficiary Led Construction		2016-17
©		6	Beneficiary Led Construction		2017-18
Hattola and Chutar Bustee(a)	66000	36	Beneficiary Led Construction		2015-16
(b)		31	Beneficiary Led Construction		2016-17
©		22	Beneficiary Led Construction		2017-18
Munchi Para Bustee	46000	63	Beneficiary Led Construction		2015-16
(b)		55	Beneficiary Led Construction		2016-17
©		39	Beneficiary Led Construction		2017-18

Rath Gorah Bustee	47000	56	Beneficiary Led Construction	2015-16
		49	Beneficiary Led Construction	2016-17
		35	Beneficiary Led Construction	2017-18
Garh Kuli Bustee	61000	51	Beneficiary Led Construction	2015-16
(b)		45	Beneficiary Led Construction	2016-17
(c)		32	Beneficiary Led Construction	2017-18
Kaibarta Para Bustee	86000	28	Beneficiary Led Construction	2015-16
(b)		24	Beneficiary Led Construction	2016-17
(c)		17	Beneficiary Led Construction	2017-18
Dera Bustee	42000	25	Beneficiary Led Construction	2015-16
(b)		22	Beneficiary Led Construction	2016-17
(c)		15	Beneficiary Led Construction	2017-18
Charani Para Bustee	67000	29	Beneficiary Led Construction	2015-16
(b)		26	Beneficiary Led Construction	2016-17
(c)		18	Beneficiary Led Construction	2017-18
Pahardhar and Khukri Saheb Dera	58000	28	Beneficiary Led Construction	2015-16
(b)		25	Beneficiary Led Construction	2016-17
(c)		18	Beneficiary Led Construction	2017-18
Poka Bandh Bustee	68000	49	Beneficiary Led Construction	2015-16
(b)		43	Beneficiary Led Construction	2016-17
(c)		31	Beneficiary Led Construction	2017-18
Chawk Bazar Bouri Para Bustee	19000	15	Beneficiary Led Construction	2015-16
(b)		14	Beneficiary Led Construction	2016-17
(c)		9	Beneficiary Led Construction	2017-18
Bagandi Bustee	104000	125	Beneficiary Led Construction	2015-16
(b)		109	Beneficiary Led Construction	2016-17
(c)		78	Beneficiary Led Construction	2017-18
Kaici Bandh Bustee	24000	8	Beneficiary Led Construction	2015-16
(b)		7	Beneficiary Led Construction	2016-17
(c)		5	Beneficiary Led Construction	2017-18
Lucus Saheb Dera	18000	4	Beneficiary Led Construction	2015-16
(b)		4	Beneficiary Led Construction	2016-17
(c)		3	Beneficiary Led Construction	2017-18

Purano Bandh Bustee	112000	55	Beneficiary Led Construction	2015-16
(b)		48	Beneficiary Led Construction	2016-17
(c)		35	Beneficiary Led Construction	2017-18
Sati Kuli Bustee	61000	15	Beneficiary Led Construction	2015-16
(b)		13	Beneficiary Led Construction	2016-17
(c)		10	Beneficiary Led Construction	2017-18
Mandap Para Kachhi Khal Bustee	18000	80	Beneficiary Led Construction	2015-16
(b)		70	Beneficiary Led Construction	2016-17
(c)		51	Beneficiary Led Construction	2017-18
Dabar Kuli Ghasi Kuli Bustee	89000	51	Beneficiary Led Construction	2015-16
(b)		44	Beneficiary Led Construction	2016-17
(c)		32	Beneficiary Led Construction	2017-18
Kuiry Para Bustee	41000	22	Beneficiary Led Construction	2015-16
(b)		20	Beneficiary Led Construction	2016-17
(c)		14	Beneficiary Led Construction	2017-18
Bagtipara Baisnab Para Bustee	124000	100	Beneficiary Led Construction	2015-16
(b)		88	Beneficiary Led Construction	2016-17
(c)		64	Beneficiary Led Construction	2017-18
Jelia Para Bustee	89000	42	Beneficiary Led Construction	2015-16
(b)		36	Beneficiary Led Construction	2016-17
(c)		26	Beneficiary Led Construction	2017-18
Station Para Bustee	24000	34	Beneficiary Led Construction	2015-16
(b)		30	Beneficiary Led Construction	2016-17
(c)		22	Beneficiary Led Construction	2017-18

Table 4: Slum and Non-Slum wise Intervention strategies

  
 Chairman  
 Jhalda Municipality

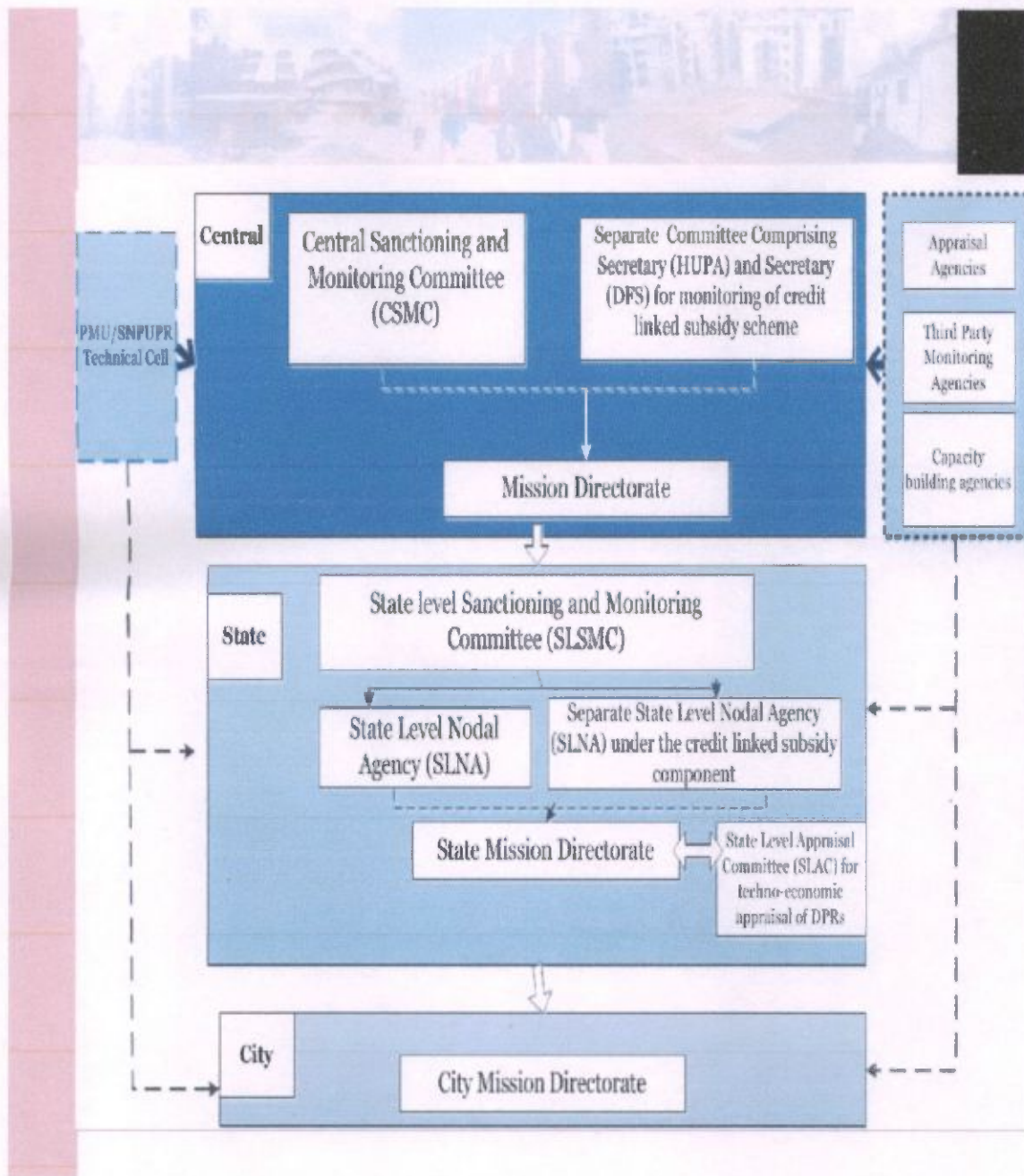
Interventions		V-Year-wise target under different components															
		Number of Beneficiaries and Central Assistance Required (Rs. in Crores)															
		2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		Total	
	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	No	Amount	
Redevelopment through Private Participation	Slums	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA
	Slums	926	13.89	811	12.165	582	8.73	Nil	NA	Nil	NA	Nil	NA	Nil	NA	2319	34.785
Subsidy for beneficiary-led/improvement of existing house	Non-Slums	173	2.595	152	2.28	108	1.62	Nil	NA	Nil	NA	Nil	NA	Nil	NA	433	6.495
	Slums	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA
Credit linked subsidy to individual beneficiaries	Non-Slums	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA
	Slums	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA
Affordable Housing in Partnership (AHP)	Slums	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA	Nil	NA
	Non-Slums	83	1.25	85	1.28	88	1.32	90	1.35	93	1.40	96	1.44	99	1.49	634	9.51

Table 5: Year-wise targets under different components



## 2.5 Resource mobilization strategy and Implementation strategy

Physical and social infrastructure require to develop in slum and non slum area to be covered another central and state schemes like 13<sup>th</sup> FC, 4<sup>th</sup> SFC, UWES etc. Beneficiaries belong to propoor families, unable to contribute the beneficiary contribution under HFA project should be cover under project of SUHP funded by State Government.



*[Signature]*  
 Chairman  
 Jhola Municipality

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

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

**Indicative Functions of CSMC**

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

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

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

  
Chairman  
Jhalda Municipality

## Section 3: Project Concept and Scope

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

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

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

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

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

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

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

spaces has a visible impact on the quality of life of the slum dwellers of the city.

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

Table showing Slum areas

Sl. No.	Ward No	Slum Code	Slum Name	Type of house as per Roof Type			Total
				Pacca	Semi Pucca	Katcha	
a	b	c	d	e	f	g	h
1	1	001	Kandu Kuli and Chutar Kuli Bustee	24	20	4	48
2	2	002	Hattola and Chutar Bustee	31	50	39	120
3		003	Munchi Para Bustee	9	67	90	166
4	3	004	Rath Gorah Bustee	36	42	98	176
5		005	Garh Kuli Bustee	35	38	90	163
6	4	006	Kaibarta Para Bustee	138	42	27	207
7	5	007	Dera Bustee	2	6	56	64
8		008	Charani Para Bustee	28	73	0	101
9	6	009	Pahardhar and Khukri Saheb Dera	0	27	44	71
10		010	Poka Bandh Bustee	0	50	73	123
11		011	Chawk Bazar Bouri Para Bustee	1	23	15	39
12	7	012	Bagandi Bustee	37	79	233	349
13		013	Kaici Bandh Bustee	0	19	1	20
14		014	Lucus Saheb Dera	0	3	8	11
15	8	015	Purano Bandh Bustee	68	60	78	206
16		016	Sati Kuli Bustee	21	6	32	59
17	9	017	Mandap Para Kachhi Khal Bustee	50	171	30	251

18	10	018	Dabar Kuli Ghasi Kuli Bustee	14	18	109	141
19		019	Kuiry Para Bustee	4	20	36	60
20	11	020	Bagtipara Baisnab Para Bustee	68	191	61	320
21	12	021	Jelia Para Bustee	19	71	33	123
22		022	Station Para Bustee	45	76	10	131
<b>Total</b>				<b>630</b>	<b>1152</b>	<b>1167</b>	<b>2949</b>

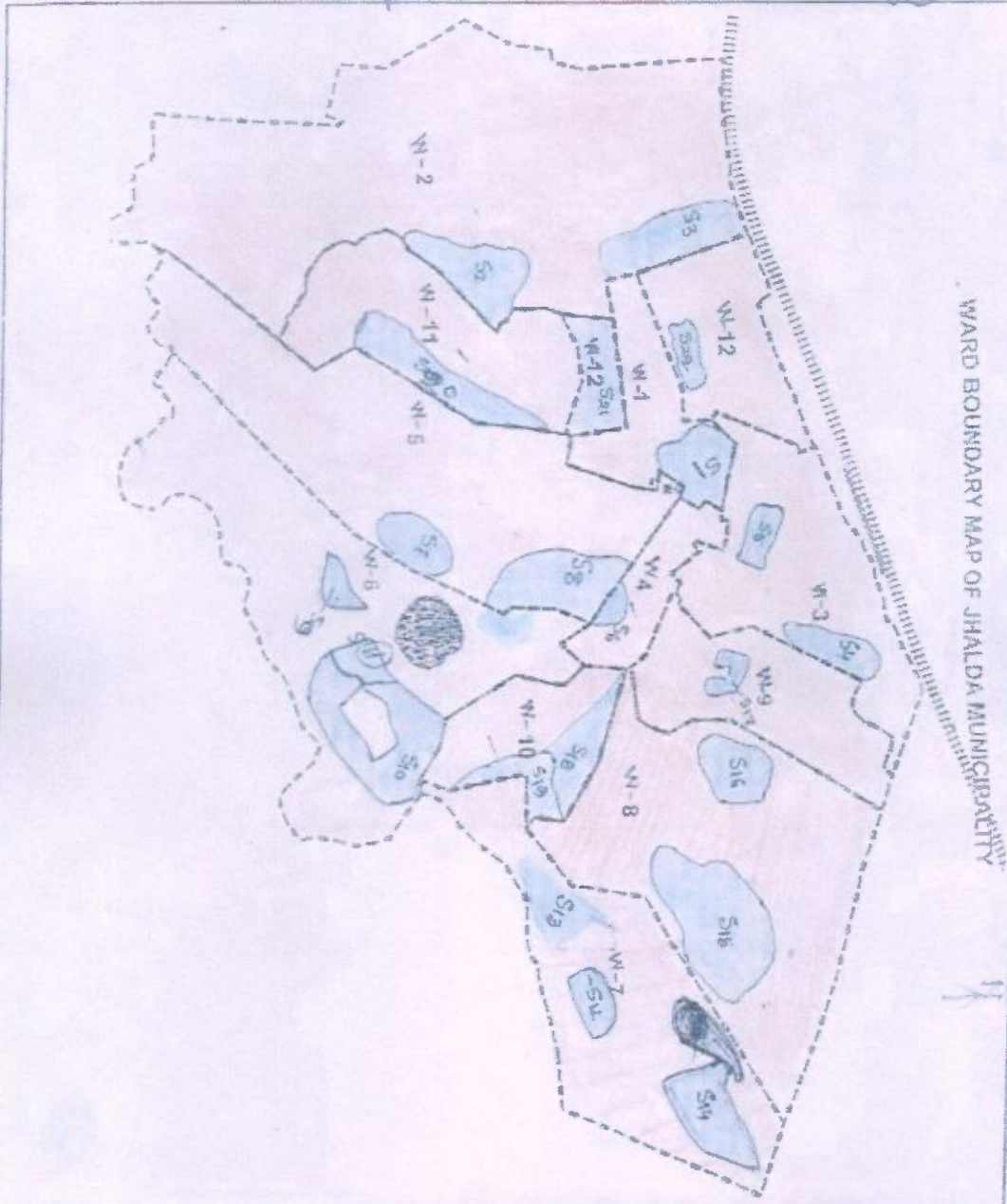
Table 6: Slum areas

  
 Chairman  
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Slum Map

  
Chairman  
Jhalda Municipality

WARD BOUNDARY MAP OF JHALDA MUNICIPALITY



A. General Information of Urban Local Body				
1(a)	State Code	19	1(b) Name of the State	WEST BENGAL
2(a)	District Code	14	2(b) Name of the District	PURULIA
3(a)	ULB Code	2104	3(b) Name of the ULB	JHALDA MUNICIPALITY
4(a)	Town Population (2011 Census)	17,870 (2001)	4(b) No. of Households (2001 Census)	4,987
5	Spatial/Sketch Map of the Town showing Location of Slums .....(Notified Slums shown in Green, Non-notified Slums shown in Red)			

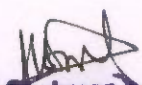
Signature of the  
Commissioner/Executive Officer

Signature of the  
Mayor/Chairperson

Table showing Non-Slum areas


Sl. No.	Non-Slum Area	Type of House		Total
		Semi Pucca	Kutcha	
a	b	c	d	e
1	Non-Slum area in Ward 1	57	20	77
2	Non-Slum area in Ward 4	18	10	28
3	Non-Slum area in Ward 5	76	0	76
4	Non-Slum area in Ward 6	79	78	157
5	Non-Slum area in Ward 8	10	53	63
6	Non-Slum area in Ward 10	20	12	32
<b>Total</b>		<b>260</b>	<b>173</b>	<b>433</b>

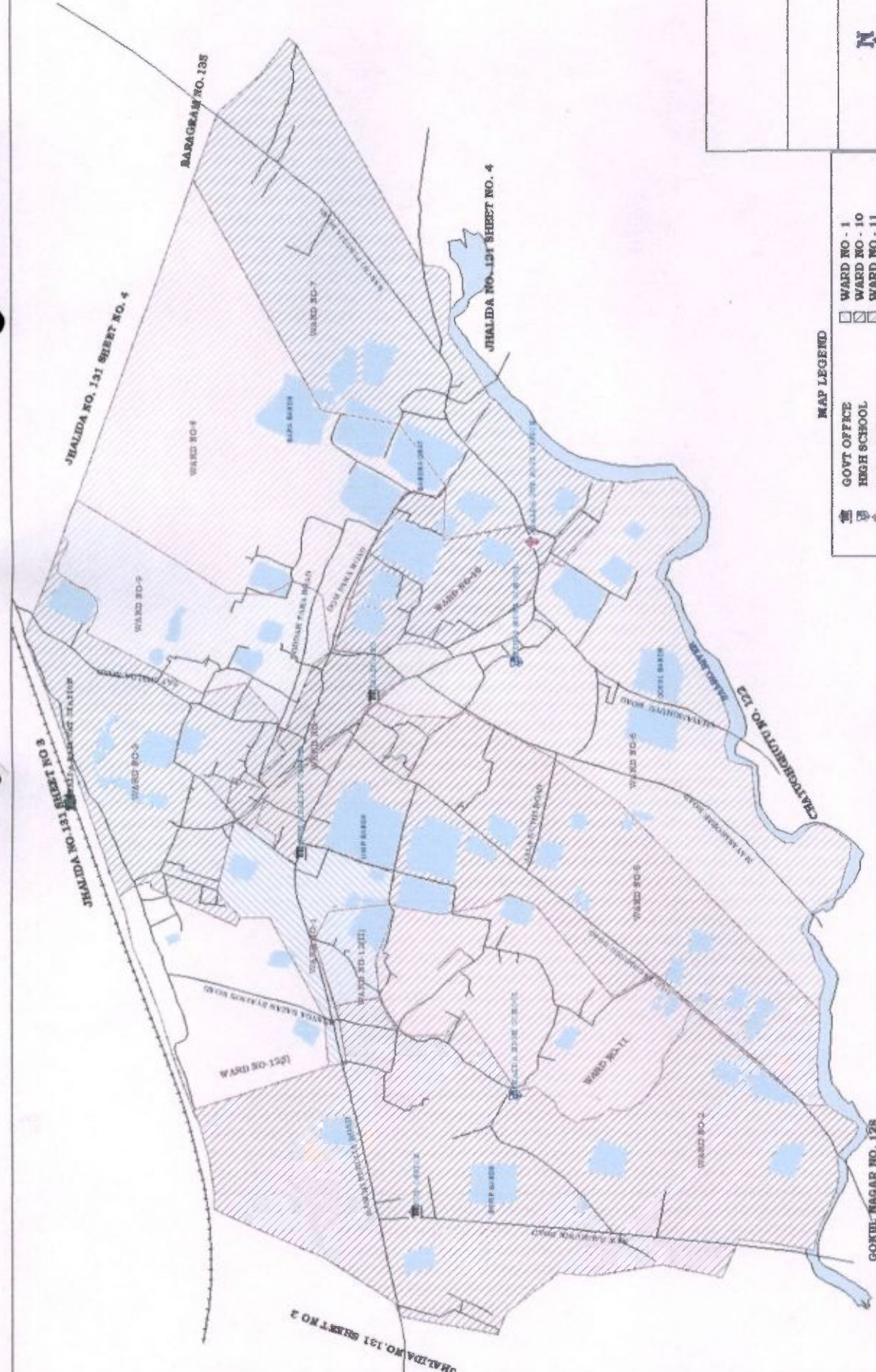
Table 7: Non-Slum Areas

  
 Chairman  
 Jhalda Municipality



Non-Slum Map

  
Chairman  
Jhalda Municipality



**MAP LEGEND**

	GOVT OFFICE	<input type="checkbox"/>	WARD NO - 1
	HIGH SCHOOL	<input type="checkbox"/>	WARD NO - 10
	POST OFFICE	<input type="checkbox"/>	WARD NO - 11
	RAILWAY STATION	<input type="checkbox"/>	WARD NO - 12(a)
	RAILWAY ROAD	<input type="checkbox"/>	WARD NO - 12(b)
	RIVER	<input type="checkbox"/>	WARD NO - 2
	POND	<input type="checkbox"/>	WARD NO - 3
	WARD BOUNDARY	<input type="checkbox"/>	WARD NO - 4
	MUNICIPAL BOUNDARY	<input type="checkbox"/>	WARD NO - 5
		<input type="checkbox"/>	WARD NO - 6
		<input type="checkbox"/>	WARD NO - 7
		<input type="checkbox"/>	WARD NO - 8
		<input type="checkbox"/>	WARD NO - 9

*(Signature)*  
**Chairman**  
**Jhalda Municipality**

**JHALDA MUNICIPALITY**

**WARD MAP**

DWG NO	09-JM
DATE	JUNE-09


0 400 800 METRES

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

Sl. No.	Ward No.	Slum Name	Area of Slum (Sq.Mt.)	Whether located in Core City/Town or Fringe area	Type of Area surrounding Slum	Physical Location of Slum
1	1	KUNDU KULI AND CHUTAR KULI BUSTEE(S.C-001)	45000	FRINGE AREA	Residential	Others(non-Hazardous/Non-Objectionable)
2	2	HATTOLA AND CHUTAR BUSTEE(S.C-002)	66000	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
3	2	MUNCHI PARA BUSTEE(S.C-003)	46000	CORE CITY/TOWN	Other	Others(non-Hazardous/Non-Objectionable)
4	3	RATH GORAH BUSTEE(S.C-004)	47000	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
5	3	GARH KULI BUSTEE(S.C-005)	61000	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
6	4	KAIBARTA PARA BUSTEE(S.C-006)	86000	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
7	5	DERA BUSTEE(S.C-007)	42000	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
8	5	CHATANI PARA BUSTEE(S.C-008)	67000	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
9	6	PAHARDHAR AND KHUKRI SAHEB DERA(S.C-009)	58000	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
10	6	POKA BANDH BUSTEE(S.C-010)	68000	CORE CITY/TOWN	Residential	Others(non-Hazardous/Non-Objectionable)
11	6	CHAWK BAZAR BOURI PARA BUSTEE(S.C-011)	19000	FRINGE AREA	Other	Others(non-Hazardous/Non-Objectionable)
12	6	BAGANDI BUSTEE(S.C-012)	104000	FRINGE AREA	Other	Others(non-Hazardous/Non-Objectionable)

13	7	KAICI BANDH BUSTEE(S.C-013)	24000	FRINGE AREA	Other	Others(non- Hazardous/Non- Objectionable)
14	7	LUCUS SAHEB DERA(S.C- 014)	18000	FRINGE AREA	Other	Others(non- Hazardous/Non- Objectionable)
15	8	PURANO BANDH BUSTEE(S.C-015)	112000	FRINGE AREA	Other	Others(non- Hazardous/Non- Objectionable)
16	8	SASTI KULI BUSTEE(S.C- 016)	61000	FRINGE AREA	Other	Others(non- Hazardous/Non- Objectionable)
17	9	MANDAP PARA KACHHI KHAL BUSTEE(S.C-017)	18000	FRINGE AREA	Other	Others(non- Hazardous/Non- Objectionable)
18	10	DABAR KULI GHASI KULI BUSTEE(S.C-018)	89000	FRINGE AREA	Other	Others(non- Hazardous/Non- Objectionable)
19	10	KUIRY PARA BUSTEE(S.C- 019)	41000	FRINGE AREA	Other	Others(non- Hazardous/Non- Objectionable)
20	11	BAGTIPARA BAINAB PARA BUSTEE(S.C-020)	124000	FRINGE AREA	Other	Others(non- Hazardous/Non- Objectionable)
21	12	JELIA PARA BUSTEE(S.C- 021)	89000	FRINGE AREA	Other	Others(non- Hazardous/Non- Objectionable)
22	12	STATION APPH BUSTEE(S.C-022)	24000	FRINGE AREA	Other	Others(non- Hazardous/Non- Objectionable)

Table 8: Location of Slums

  
Chairman  
Jhalda Municipality

## Tenural Status of Slums

Ward No	Slum Code	Slum Name	AREA (in Sq. Mt.)	Ownership details			Type of house as per Roof Type		
				Own	Rented	Otherwise	Pacca	Semi Pucca	Katcha
a	b	c	d	e	f	g	h	i	j
1	001	Kandu Kuli and Chutar Kuli Bustee	45000	48	0	0	24	20	4
2	002	Hattola and Chutar Bustee	66000	120	0	0	31	50	39
	003	Munchi Para Bustee	46000	166	0	0	9	67	90
3	004	Rath Gorah Bustee	47000	176	0	0	36	42	98
	005	Garh Kuli Bustee	61000	163	0	0	35	38	90
4	006	Kaibarta Para Bustee	86000	207	0	0	138	42	27
5	007	Dera Bustee	42000	64	0	0	2	6	56
	008	Charani Para Bustee	67000	101	0	0	28	73	0
6	009	Pahardhar and Khukri Saheb Dera	58000	71	0	0	0	27	44
	010	Poka Bandh Bustee	68000	123	0	0	0	50	73
	011	Chawk Bazar Bouri Para Bustee	19000	39	0	0	1	23	15
7	012	Bagandi Bustee	104000	349	0	0	37	79	233
	013	Kaici Bandh Bustee	24000	20	0	0	0	19	1
	014	Lucus Saheb Dera	18000	11	0	0	0	3	8
8	015	Purano Bandh Bustee	112000	206	0	0	68	60	78
	016	Sati Kuli Bustee	61000	59	0	0	21	6	32
9	017	Mandap Para Kachhi Khai Bustee	18000	251	0	0	50	171	30
10	018	Dabar Kuli Ghasi Kuli Bustee	89000	141	0	0	14	18	109
	019	Kuiry Para Bustee	41000	60	0	0	4	20	36
11	020	Bagtipara Baisnab Para Bustee	124000	320	0	0	68	191	61

12	021	Jelia Para Bustee	89000	123	0	0	19	71	33
	022	Station Para Bustee	24000	131	0	0	45	76	10

### Tenural Status of Non-Slum Area

Sl. No.	Non-Slum Area	Land Ownership			Type of House		Total
		Own	Rented	Otherwise	Semi Pucca	Kutcha	
a	b	c	d	e	f	g	h
1	Non-Slum area in Ward 1	74	0	3	57	20	77
2	Non-Slum area in Ward 4	27	1	0	18	10	28
3	Non-Slum area in Ward 5	73	0	3	76	0	76
4	Non-Slum area in Ward 6	134	2	21	79	78	157
5	Non-Slum area in Ward 8	61	2	0	10	53	63
6	Non-Slum area in Ward 10	32	0	0	20	12	32
<b>Total</b>		<b>401</b>	<b>5</b>	<b>27</b>	<b>260</b>	<b>173</b>	<b>433</b>

  
 Chairman  
 Jhalda Municipality

### 3.3. Existing basic infrastructure and its coverage

Sl. No.	Ward No	Slum Name / Non-Slum Area	Slum Code	Area of Slum (Sqmtr.)	Road (In Mtr.)		Drain (In Mtr.)		Street Light (In No.)	Water Stand Post (In No.)
					Pucca	Kutcha	Kutcha	Pucca		
1	1	KUNDU KULI AND CHUTAR KULI BUSTEE	S.C-001	45000	1125	450	675	281	22	8
2	2	HATTOLA AND CHUTAR BUSTEE	S.C-002	66000	1650	660	990	413	33	11
3		MUNCHI PARA BUSTEE	S.C-003	46000	1150	460	690	288	23	8
4	3	RATH GORAH BUSTEE	S.C-004	47000	1175	470	705	294	21	8
5		GARH KULI BUSTEE	S.C-005	61000	1525	610	915	381	30	10
6	4	KAIBARTA PARA BUSTEE	S.C-006	86000	2150	860	1290	538	43	14
7	5	DERA BUSTEE	S.C-007	42000	1050	420	630	263	21	7
8		CHATANI PARA BUSTEE	S.C-008	67000	1675	670	1005	419	32	11
9	6	PAHARDHAR AND KHUKRI SAHEB DERA	S.C-009	58000	1450	580	870	363	29	10
10		POKA BANDH BUSTEE	S.C-010	68000	1700	680	1020	425	34	11
11		CHAWK BAZAR BOURI PARA BUSTEE	S.C-011	19000	475	190	285	119	9	3
12	7	BAGANDI BUSTEE	S.C-012	104000	2600	1040	1560	650	52	17
13		KAICHI BANDH BUSTEE	S.C-013	24000	600	240	360	150	12	4
14		LUCUS SAHEB DERA	S.C-014	18000	450	180	270	113	9	3
15	8	PURANO BANDH BUSTEE	S.C-015	112000	2800	1120	1680	700	56	19
16		SASTI KULI BUSTEE	S.C-016	61000	1525	610	915	381	29	10
17	9	MANDAP PARA KACHHI KHAL BUSTEE	S.C-017	18000	450	180	270	113	9	3
18	10	DABAR KULI GHASI KULI BUSTEE	S.C-018	89000	2225	890	1335	556	44	15
19		KUIRY PARA BUSTEE	S.C-019	41000	1025	410	615	256	20	7
20	11	BAGTIPARA BAI SNAB PARA BUSTEE	S.C-020	124000	3100	1240	1860	775	52	20
21	12	JELIA PARA BUSTEE	S.C-021	89000	2225	890	1335	556	44	15
22		STATION PARA BUSTEE	S.C-022	24000	600	240	360	150	12	4
Total					32725	13090	19635	8181	636	218

Table 9: Existing Basic Infrastructure of Slums

## Connectivity of Slums

Sl. No.	Ward No	Slum Name	Is the Slum Notified /Declared?	Connectivity to City-wide Storm-water Drainage System	Connectivity to City-wide Sewerage System	Whether the Slum is prone to flooding due to rains
1	1	KUNDU KULI AND CHUTAR KULI BUSTEE(S.C-001)	NON NOTIFIED	Partially Connected	Not Connected	Not prone
2	2	HATTOLA AND CHUTAR BUSTEE(S.C-002)	NON NOTIFIED	Partially Connected	Partially Connected	Data Not Entered
3	2	MUNCHI PARA BUSTEE(S.C-003)	NON NOTIFIED	Partially Connected	Data Not Entered	Not prone
4	3	RATH GORAH BUSTEE(S.C-004)	NON NOTIFIED	Partially Connected	Data Not Entered	Data Not Entered
5	3	GARH KULI BUSTEE(S.C-005)	NON NOTIFIED	Partially Connected	Data Not Entered	Data Not Entered
6	4	KAIBARTA PARA BUSTEE(S.C-006)	NON NOTIFIED	Partially Connected	Data Not Entered	Data Not Entered
7	5	DERA BUSTEE(S.C-007)	NON NOTIFIED	Partially Connected	Data Not Entered	Data Not Entered
8	5	CHATANI PARA BUSTEE(S.C-008)	NON NOTIFIED	Partially Connected	Not Connected	Not prone
9	6	PAHARDHAR AND KHUKRI SAHEB DERA(S.C-009)	NON NOTIFIED	Partially Connected	Data Not Entered	Data Not Entered
10	6	POKA BANDH BUSTEE(S.C-010)	NON NOTIFIED	Partially Connected	Data Not Entered	Data Not Entered
11	6	CHAWK BAZAR BOURI PARA BUSTEE(S.C-011)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered



12	6	BAGANDI BUSTEE(S.C-012)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered
13	7	KAICI BANDH BUSTEE(S.C-013)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered
14	7	LUCUS SAHEB DERA(S.C-014)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered
15	8	PURANO BANDH BUSTEE(S.C-015)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered
16	8	SASTI KULI BUSTEE(S.C-016)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered
17	9	MANDAP PARA KACHHI KHAL BUSTEE(S.C-017)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered
18	10	DABAR KULI GHASI KULI BUSTEE(S.C- 018)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered
19	10	KUIRY PARA BUSTEE(S.C-019)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered
20	11	BAGTIPARA BAI SNAB PARA BUSTEE(S.C- 020)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered
21	12	JELIA PARA BUSTEE(S.C-021)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered
22	12	STATION APPH BUSTEE(S.C-022)	NON NOTIFIED	Data Not Entered	Data Not Entered	Data Not Entered

Table 10: Connectivity of Slums

  
Chairman  
Jhalda Municipality

Sl. No.	Ward No	Slum Name	Frequency of Garbage Disposal	Arrangement of Garbage Disposal	Frequency of Clearance of Open drains	Approach Road/Lane/Constructed Path to the Slum
1	1	KUNDU KULI AND CHUTAR KULI BUSTEE(S.C-001)	Once in a week	Municipal staff	Once in 15 days	Motorable Kaccha
2	2	HATTOLA AND CHUTAR BUSTEE(S.C-002)	Once in a week	Data Not Entered	Once in 15 days	Motorable Kaccha
3	2	MUNCHI PARA BUSTEE(S.C-003)	Once in a week	Municipal staff	Once in a week	Motorable Pucca
4	3	RATH GORAH BUSTEE(S.C-004)	Once in a week	Municipal staff	Once in 15 days	Motorable Kaccha
5	3	GARH KULI BUSTEE(S.C-005)	Once in a week	Municipal staff	Once in 15 days	Motorable Kaccha
6	4	KAIBARTA PARA BUSTEE(S.C-006)	Once in a week	Municipal staff	Once in 15 days	Motorable Kaccha
7	5	DERA BUSTEE(S.C-007)	Once in a week	Municipal staff	Once in 15 days	Motorable Kaccha
8	5	CHATANI PARA BUSTEE(S.C-008)	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Kaccha
9	6	PAHARDHAR AND KHUKRI SAHEB DERA(S.C-009)	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Kaccha
10	6	POKA BANDH BUSTEE(S.C-010)	Once in a week	Data Not Entered	Once in 15 days	Non-Motorable Kaccha
11	6	CHAWK BAZAR BOURI PARA BUSTEE(S.C-011)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha
12	6	BAGANDI BUSTEE(S.C-012)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha
13	7	KAICI BANDH BUSTEE(S.C-013)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha

14	7	LUCUS SAHEB DERA(S.C-014)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha
15	8	PURANO BANDH BUSTEE(S.C-015)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha
16	8	SASTI KULI BUSTEE(S.C-016)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha
17	9	MANDAP PARA KACHHI KHAL BUSTEE(S.C-017)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha
18	10	DABAR KULI GHASI KULI BUSTEE(S.C-018)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha
19	10	KUIRY PARA BUSTEE(S.C-019)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha
20	11	BAGTIPARA BAI SNAB PARA BUSTEE(S.C- 020)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha
21	12	JELIA PARA BUSTEE(S.C-021)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha
22	12	STATION APPH BUSTEE(S.C-022)	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha

Table 10: Connectivity of Slums

  
 Chairman  
 Jhalda Municipality

## Annexure-C

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

<b>BASIC INFORMATION:</b>					
1	Name of the State	:	West Bengal		
2	Name of the City	:	Jhalda		
3	Project Name	:	HFA under PMAY		
4	Project Code	:			
5	State Level Nodal Agency (SLNA)	:	SUDA		
6	Implementing Agency/ ULB	:	Jhalda Municipality		
7			<b>Total</b>	<b>New construction</b>	<b>Enhancement</b>
	i) Project Cost (Rs in Lakhs)	:	4448.752	4044.320	Nil
	ii) Gol grant (Rs. in Lakhs)	:	1648.500	1648.500	Nil
	iii) State Grant (Rs. in Lakhs)	:	2323.286	2121.070	Nil
	iv) ULB/ Implementing agency share (Rs. in Lakhs)	:	202.216	Nil	Nil
	v) Beneficiary share (Rs. in Lakhs)	:	274.750	274.750	Nil
	vi) others, if any (Rs. in Lakhs)	:	Nil	Nil	Nil
8	Sources of availability of beneficiary share (self/loan/any other):	:	Self		
			( As per Annexure I)		
9	Project Brief:	:	HFA under PMAY		
10	No of eligible Beneficiaries for Gol grant:	:	1099		
11	Project duration (in months):	:	12		
<b>ADMINISTRATIVE DETAILS</b>					
12	Date of State Level Appraisal Committee (SLAC) approval of the project:	:			
13	Whether observations of SLAC have been incorporated?	:	Yes		
14	Date of SLSMC approved the project:	:			
15	Whether the format as per Annexure 7C of PMAY scheme guidelines has been signed by competent authorities:	:	Yes		
<b>LAND DETAILS</b>					

16	Whether selected beneficiaries have rightful ownership of land?	:	Yes
<b>TECHNICAL DETAILS</b>			
17	No of Proposed houses	:	
	i) New Construction	:	1099
	ii) Enhancement	:	Nil
18	Whether the carpet area of proposed houses is up to 30 Sqm? If more, whether consultation with the Ministry has been done for determining the size of houses?	:	Within 30 Sqm
19	Whether building plans for all houses have been approved?	:	Yes
20	Schedule of Rates (SOR) adopted (Year)	:	
21	Whether cost index has been taken over the SOR rates? if Yes, whether supporting documents approving the same is furnished.	:	Yes
22	Whether technical specifications/design of housing have been ensured as per Indian Standards/NBC/State norms	:	Yes
23	Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation of the project? Please specify.	:	Yes
24	Whether statutory approvals from competent authorities have been obtained? If required	:	Yes
25	Whether any innovative / cost effective / green technology adopted in the project? If yes, please specify	:	No
26	Whether Beneficiaries have access to basic civic and social infrastructure facilities?	:	Yes
27	How Quality Assurance is proposed to be ensured for beneficiary led construction? Specify	:	Yes

Table 11: Annexure C- DPR Scrutiny Report for BLC



Chairman  
Jhalda Municipality

## Section 4 – Description of Proposed Project and Planning

### 4.1 Provision of Housing

#### The Supply Demand Gap and Requirements

##### Particulars

##### Requirements

*Housing: Dwelling Unit provision for Households with standard provisions:*

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

*Physical Infrastructure Requirement:*

*Standard Infrastructure Provision for*

- Water Supply
- Drainage
- Roads
- Electricity

#### Project Development Option

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

#### Proposed Development

Based on preliminary understanding, the following components are being proposed

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

#### Innovations proposed in Project Planning

##### Background

Housing activities are known to have the capacity to play a significant role in social-economic development, because they help not only in creation of shelter for the people by also in generating employment opportunities for a large variety skilled and unskilled work force

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

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

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

#### **Financial Implementation:**

#### **Beneficiary led Participation:**

implies development of housing by involvement of Beneficiary

#### **Tasks:**

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

#### **Post Project Monitoring**

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

## Physical Infrastructure

### Background

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

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

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

2002). The present report provides key indicators from the 58<sup>th</sup> round as well, for comparison. Some important findings of the survey are given below.

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



- About 48% of the slums were usually affected by water logging during monsoon – 32% with inside of slum waterlogged as well as approach road to the slum, 7% where the slum was waterlogged but not the approach road, and 9% where only the approach road was waterlogged in the monsoon.
- The sanitary conditions in the slums in terms of latrine facility during 2008-09 showed considerable improvement since 2002. Latrines with septic tanks (or similar facility) were available in 68% notified and 47% non-notified slums (up from 66% and 35% respectively in 2002). At the other extreme, 10% notified and 20% non-notified slums (down from 17% and 51% in 2002) did not have any latrine facility at all.
- About 10% notified and 23% non-notified slums did not have any drainage facility. The corresponding proportions in 2002 had been 15% for notified and 44% for non-notified slums. Underground drainage systems or drainage systems constructed of pucca materials existed in about 39% notified slums (25% in 2002) and 24% non-notified slums (13% in 2002).
- Underground sewerage existed in about 33% notified slums (30% in 2002) and 19% non-notified slums (15% in 2002).
- Government agencies were collecting garbage from 75% notified and 55% non-notified slums.  
Among these slums, garbage was collected at least once in 7 days in 93% notified and 92% non-notified slums. About 10% notified and 23% non-notified slums did not have any regular mechanism for garbage disposal.
- Over the last five years, facilities had improved in about 50% of notified slums in terms of roads (both within-slum road and approach road) and water supply. The incidence of deterioration of any of the existing facilities in notified slums during the last five years was quite low (about 6% or below).
- In case of most slum facilities – sewerage and medical facilities being exceptions – the facility was reported to have improved during the last five years in more than 20% of non-notified slums. Deterioration of any of the existing facilities in non-notified slums, like notified slums, was rare (about 9% or below).
- Facilities such as street light, latrine, drainage, sewerage and medical facilities were each reported by more than 10% of notified slums to be non-existent both at the time of survey and five years earlier. In case of non-notified slums, facilities like street light, latrine, drainage, sewerage and garbage disposal were each reported by more than 20% of the slums to be non-existent, both during the survey and five years earlier. Where improvement had been brought about during the last 5 years, it was due to the

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

### **Topographical survey and GIS mapping**

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

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

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

### **Water Supply**

#### **Proposal Rationale**

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

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

aspects of their livelihoods.

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

- As direct inputs into production**
- For health, welfare, and food security**
- For ecosystems viability**
- For combating water-related hazards**

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

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

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

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

### **Outcome**

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

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

### **Assessment of Overall State of Infrastructure**

In line with the City Development Plan for Kolkata Metropolitan Area (Pg 11-28), it has been

resolved that the entire KMA are will be switched over to surface water.

The following norms have been fixed for the region:

- |                          |                                           |                 |
|--------------------------|-------------------------------------------|-----------------|
| <input type="checkbox"/> | <b>Kolkata Municipal Corporation Area</b> | <b>200 lpcd</b> |
| <input type="checkbox"/> | <b>Howrah Municipal Corporation Area</b>  | <b>150 lpcd</b> |
| <input type="checkbox"/> | <b>Municipal &amp; Non-Municipal Area</b> | <b>135 lpcd</b> |

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

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

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

#### **Situation Appraisal & Key Intervention for Identified Slum**

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

It is now proposed that water pipeline shall be provided in each household with requisite number of

taps, as computed during the survey as felt needs shall be provided under this Project. However, considering that the houses are being provided with water, the provisions of multiple taps have not been encouraged and kept to the minimal level.

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

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

- Choice of pipe materials
- Peak factor
- Residual pressure
- Hydraulic zoning

### **Design Period for various Project Components**

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

### **Service Plan**

The pipelines needs to be regularly and kept in full working conditions. It is proposed that operation and maintenance of these pipelines and other assets be done in conjunction with the maintenance

programme of the Municipal Corporation. The Bustee Working Committee shall be the first level of responsibility for ensuring that the pipelines etc are kept in good order. The overall operation and maintenance shall be carried out by the project cell of the Municipal Corporation.

### **Proposed Interventions**

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

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

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

The details of water supply lines provide are as follow:

### **Transmission of Water**

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

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

**Following design criteria are adopted for this Project:**

- Gravity pipelines have to be laid below the hydraulic gradient.
- Pipes are of Ductile Iron, Mild steel, GRP, HDPE, uPVC, Plastic etc.
- The design of water supply conduits is dependent on pipe friction, available head, velocity allowable, etc.
- Minimum sizes of 100mm for towns having population up to 50,000 and 150mm for those above 50,000 are recommended.
- There are a number of formulae available for use in calculating the velocity of flow. However,
- Hazen William's formula for pressure conduits and Manning's formula for free flow conduits  
are popularly used.

**Drainage and Solid waste management**

**Proposal Rationale**

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

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

**Outcome**

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

**Assessment Overall State of Infrastructure**

One of the priority area identified for Wood Industries slum has been absence of adequate

drainage. Most of the drainage is kutchha and inadequate for covering the slums which had led to water logging which in turn affected the environment and health of the people on an overall basis.

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

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

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

different parts of the slum.

### **Proposed Interventions**

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

### **Road Infrastructure**

#### **Proposal Rationale**

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

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

#### **Proposed status and strategy**

The existing condition of the road is poor and cause great hardship to the slum dwellers particularly women and children. The existing roads in the slum areas are predominantly made of brick pavement. These roads are substantially worn out. The lane roads are Kutcha roads. These roads are highly vulnerable and are in a poor condition particularly in rainy season

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

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

#### **Proposed Intervention**

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



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

### **Outcome**

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

### **Proposed Intervention**

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

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

The Community Centres act mainly as a supporting unit for livelihood and for revenue generation for

O  
&  
M

### **Materials of construction:**

- PCC (1:3:6) for foundation
- RCC M-20 for substructure & superstructure (Column, Beam, Slab)
- HYSD Steel
- 1<sup>st</sup> 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 kutcha (10) and semi-pucca (186) housing. In certain cases where pucca housing is available, they are usually in dilapidated condition. The kutcha houses are in very poor condition and require extensive repairs. Most of the houses have tiles on roof. While during the survey some of the houses have been noted to be in average condition, the quality of these houses is also speedily deteriorating.

### Proposed Intervention

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

**Table-12: Dwelling units**

Building type	Number of DU
In situ single Unit	1099 within 22 slums & 6 non slum areas

### Building Plan

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

sanitary facilities, etc. and the community perceptions, preferences and cultural attitudes.

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

#### Building material

- PCC (1:3:6) for foundation
- RCC M-20 for substructure & superstructure (Column, Beam, Slab)
- HYSD Steel
- 1<sup>st</sup> 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/m<sup>2</sup> at typical floor
- 1.5 kN/m<sup>2</sup> on terrace (With Access) : 0.75 kN/m<sup>2</sup> on terrace (without Access)
- Floor finish 50mm (0.05\*24) = : 1.2 kN/m<sup>2</sup>
- Ceiling plaster 12mm (0.012\*20.8) : 0.25 kN/m<sup>2</sup>
- Partition walls (Wherever Necessary) : 1.0 kN/m<sup>2</sup>
- Terrace finish: 1.5 kN/m<sup>2</sup>
- Earthquake load: As per IS-1893 (Part 1) - 2002
- Depth of foundation below ground: ,0.7 m
- Walls: 250 mm thick brick masonry walls at external and 125mm walls internal.

#### Reference codes:

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

### **Identification of Beneficiaries**

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

### **Allotment of Houses**

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

### **Town Planning Norms**

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

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

### **Compliance with Municipal Bye laws**

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

### **Tenure**

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

## Summary of Investment

### Project Costing

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

### The cost components include:

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

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

### GOI Contribution:

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

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

### Beneficiary Contribution:

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

### State Contribution:

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

### ULB Contribution:

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

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

Table-13: Share of Fund

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

#### 4.2. Disaster Management and Mitigation

Though Jhalda Town is not a disaster prone area but during torrential rain with strong wind in rainy seasons hutments of the poor slum dwellers are worst effected by rain. Water logging occurs due to poor drainage system throughout the Municipality. To escape from this worse conditions it requires pucca drainage network throughout the town.

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

#### 4.3. Statutory approval including environmental clearance (as applicable)

##### Statutory approval including environmental clearance

IMPACT & REMEDIES		
1.	Utilization of alternative material Characteristics and availability of alternative material	Locally available bricks etc. will be used.
2.	Rehabilitation of water bodies & measures for maintaining surface runoff smoothly	No water body is affected by the alignment of road. The road side open C. C. / Brick masonry drains have been provided for free flow of storm water.
3.	Measures for Erosion Control	Not applicable for the slum area.
4.	Conservation of Topsoil a. Extent of loss of topsoil b. Area requirement for topsoil conservation c. Inclusion of conservation of topsoil d.	Not applicable for the slum area.
5.	Impact on Heritage & Culture a. Identification of locally significant cultural properties	

	<p>b. Assessment of likely impacts on each cultural property due to project implementation</p> <p>c. Possible measures for avoidance</p> <p>i) Identification of alternative routes</p> <p>ii) Relocation of Culture property in consultation with the local community</p> <p>iii) Common Property</p>	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	
	<p>a. Sourcing of materials from quarries</p> <p>b. Lead from various existing quarries</p> <p>c. Adequacy of material for the project in these quarries</p>	<p>The construction materials require for the project shall be procured from :</p> <p>a) Stone metal : from the existing.</p> <p>b) Bricks : From the existing brick fields nearby the project site.</p> <p>c) Sand : From the nearest source.</p> <p>All the materials are sufficiently available.</p>
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.
	<p>b. Outfalls locations for longitudinal drains</p> <p>i) Outfall level and back flow</p> <p>ii) The outfall is in natural stream; measures shall be taken to prevent sediment into the stream.</p>	<p>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.</p> <p>The storm water drain of the slums will discharge the water to the main high drain of the town.</p>
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	<p>Locations vulnerable to induced development: In such location the Municipality has committed not to allow building construction activity.</p> <p>a. Lands within 50 m of junctions</p> <p>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.</p>
13.	Roles and responsibilities of municipality in regulating development	<p>The municipality shall lay down restrictions on building activities along the by-pass roads :</p> <p>1. Municipality will enforce restriction on building activity on either side of road.</p> <p>2. Development of Residential sites outside Existing Settlement.</p> <p>Appropriate measure towards the removal of encroachments onto the public land to be taken.</p>

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.

  
Chairman  
Jhalda Municipality



## Section 5 – Project Cost Estimate

### 5.1. Abstract cost estimates

Component wise abstract for each slum/Non slums area

Component wise abstract for each slum/Non slums area

Sl. No.	Ward No	Slum Name / Non-Slum Area	Slum Code	Dwelling Unit		Water Connection (Physical Infrastructure)		CC Road (Physical Infrastructure)		Total
				Proposed Nos.	Cost Involved @ Rs. 3.68 lakh/unit	Unit in Nos.	Cost Involved @ Rs. .01572lakh/connection	In Mtrs.	Cost Involved @ Rs. .04097 lakh/Mtr.	
1	1	KUNDU KULI AND CHUTAR KULI BUSTEE	S.C-001	10	36.800	10	0.157	85.98	3.523	40.480
2	2	HATTOLA AND CHUTAR BUSTEE	S.C-002	36	132.480	36	0.566	309.55	12.682	145.728
3		MUNCHI PARA BUSTEE	S.C-003	63	231.840	63	0.990	541.70	22.194	255.024
4	3	RATH GORAH BUSTEE	S.C-004	56	206.080	56	0.880	481.52	19.728	226.688
5		GARH KULI BUSTEE	S.C-005	51	187.680	51	0.802	438.52	17.966	206.448
6	4	KAIBARTA PARA BUSTEE	S.C-006	28	103.040	28	0.440	240.76	9.864	113.344
7	5	DERA BUSTEE	S.C-007	25	92.000	25	0.393	214.96	8.807	101.200
8		CHATANI PARA BUSTEE	S.C-008	29	106.720	29	0.456	249.36	10.216	117.392
9	6	PAHARDHAR AND KHUKRI SAHEB DERA	S.C-009	28	103.040	28	0.440	240.76	9.864	113.344
10		POKA BANDH BUSTEE	S.C-010	49	180.320	49	0.770	421.33	17.262	198.352
11		CHAWK BAZAR BOURI PARA BUSTEE	S.C-011	15	55.200	15	0.236	128.98	5.284	60.720
12	7	BAGANDI BUSTEE	S.C-012	124	456.320	124	1.949	1066.21	43.683	501.952
13		KAICHI BANDH BUSTEE	S.C-013	8	29.440	8	0.126	68.79	2.818	32.384
14		LUCUS SAHEB DERA	S.C-014	4	14.720	4	0.063	34.39	1.409	16.192
15	8	PURANO BANDH BUSTEE	S.C-015	55	202.400	55	0.865	472.92	19.375	222.640
16		SASTI KULI BUSTEE	S.C-016	15	55.200	15	0.236	128.98	5.284	60.720

17	9	MANDAP PARA KACHHI KHAL BUSTEE	S.C- 017	80	294.400	80	1.258	687.88	28.182	323.840
18	10	DABAR KULI GHASI KULI BUSTEE	S.C- 018	51	187.680	51	0.802	438.52	17.966	206.448
19		KUIRY PARA BUSTEE	S.C- 019	22	80.960	22	0.346	189.17	7.750	89.056
20	11	BAGTIPARA BAI SNAB PARA BUSTEE	S.C- 020	101	371.680	101	1.588	868.45	35.580	408.848
21	12	JELIA PARA BUSTEE	S.C- 021	42	154.560	42	0.660	361.14	14.796	170.016
22		STATION PARA BUSTEE	S.C- 022	34	125.120	34	0.534	292.35	11.978	137.632
23	1	NON-SLUM IN WARD NO. 1		31	114.080	31	0.487	266.55	10.921	125.488
24	4	NON-SLUM IN WARD NO. 4		11	40.480	11	0.173	94.58	3.875	44.528
25	5	NON-SLUM IN WARD NO. 5		30	110.400	30	0.472	257.95	10.568	121.440
26	6	NON-SLUM IN WARD NO. 6		63	231.840	63	0.990	541.70	22.194	255.024
27	8	NON-SLUM IN WARD NO. 8		25	92.000	25	0.393	214.96	8.807	101.200
28	10	NON-SLUM IN WARD NO. 10		13	47.840	13	0.204	111.78	4.580	52.624
		<b>Total</b>		1099	4044.320	1099	17.276	9449.74	387.156	4448.752

Table 14: Component wise abstract for each slum/Non slums area

S. A. E.  
Jhalda Municipality

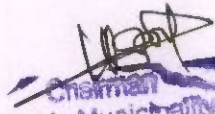
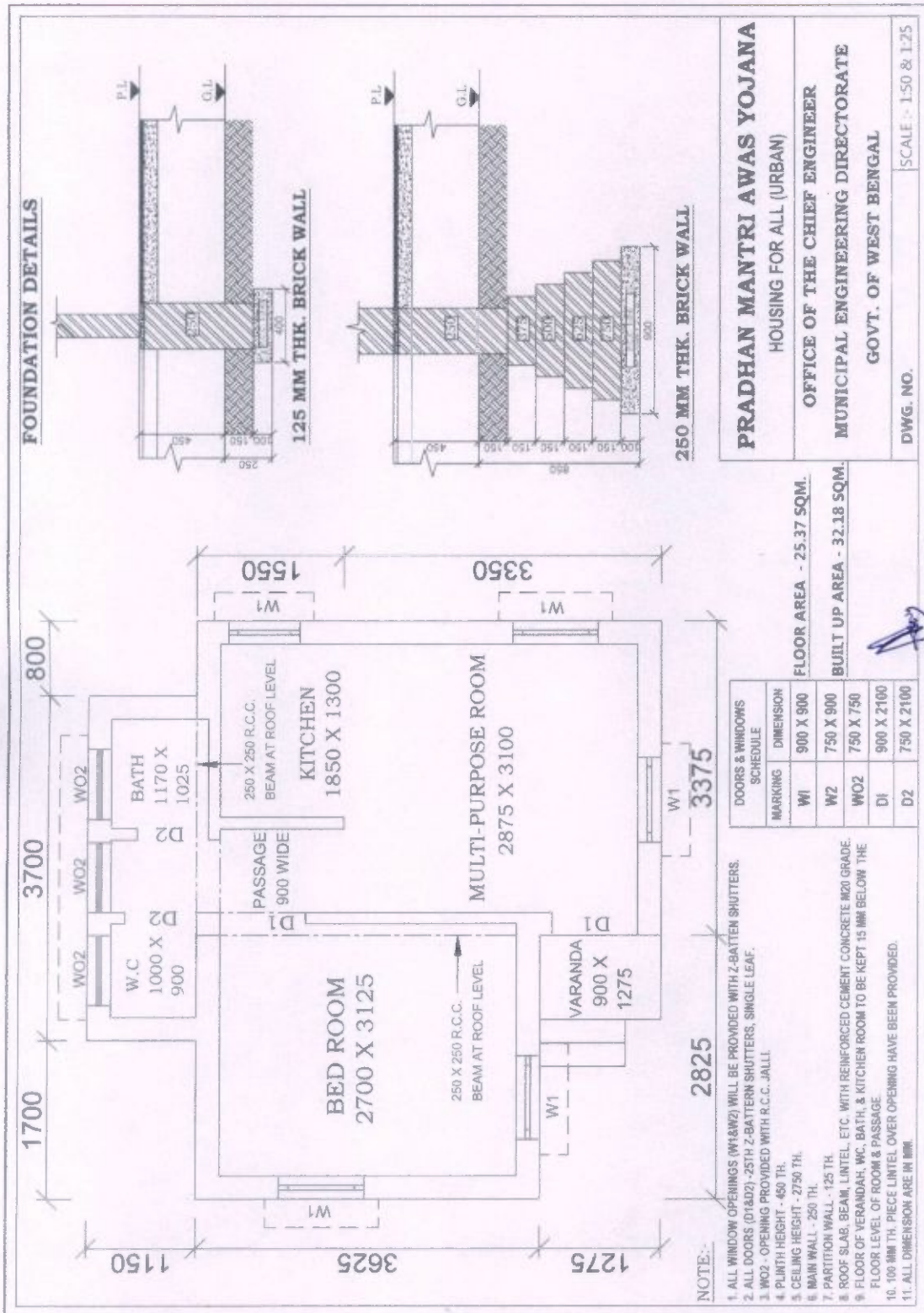
  
Chairman  
Jhalda Municipality

Figure- 1: Drawing of Dwelling Unit



Chief Engineer  
M E Directorate  
Deptt. of Municipal Affairs  
Govt. of West Bengal

S. A. E.  
Jhalda Municipality

Chairman  
Jhalda Municipality

## 5.2. Detailed Estimates

### 5.2.1. Detailed Estimate of Provision of Housing

<b>DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE</b> <b>Pradhan Mantri Awas Yojana Housing For All (Urban)</b> <b>Total Covered Area- 32.18 sq.m (With Electrical Works)</b> Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f- 01.07.2014 & Corrigenda ( Kolkata /24 Pgs (N & S)/ Kalyani Sub Div.) <b>Floor Area 25.37 sqm</b>					
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil ( including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm . <b>SOR, PWD, P-1, I -2 a</b>	13.000	%cu.m.	12047.00	1566.11
2	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete.( Payment to be made on the basis of measurement of finished quantity of work ) a) With earth obtained from excavation of foundation. <b>SOR, PWD, P-1, T/3 a</b>	11.120	%cu.m.	7831.00	870.81
3	Supplying Laying Polithin Sheets etc. <b>SOR, PWD, P-45, T - 13</b>	22.000	sqm	25.00	550.00
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering.a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety <b>SOR, PWD, Page 24 ; Item -10 a</b>	3.500	cu.m.	5823.00	20380.50
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and	6.810	sqm,	297.00	2022.57

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01.07.2014 & Corrigenda ( Kolkata /24 Pgs (N & S)/ Kalyani Sub Div.)**Floor Area 25.37 sqm**

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	carriage of all materials complete.				
	<b>SOR, PWD, P-45, T-12</b>				
6	Brick work with 1st class bricks in cement mortar (6:1)				
	a) In foundation and plinth.	10.430	cum	5719.00	59649.17
	b) In super structure	15.240	cum	5943.00	90571.32
	<b>SOR, PWD, P-29, T -22(a), (b)</b>				
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor	23.220	sq.m.	783.00	18181.26
	<b>SOR, PWD, P-73, I -29</b>				
8	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.	3.940	cu.m.	6851.66	26995.54
	(i) Pakur Variety				
	<b>SOR, PWD, P-14, T -7(i)</b>				
9	Reinforcements for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16G black annealed wire at every inter-section, complete as per drawing and direction.				
	(a) For works in foundation, basement and upto roof of ground floor / upto 4m.	0.309	MT	60705.93	18775.74
	(i) Tor steel/Mild steel.				
	<b>SOR, PWD, P-27, T -15(i)</b>				

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01.07.2014 & Corrigenda ( Kolkata /24 Pgs (N & S)/ Kalyani Sub Div.)**Floor Area 25.37 sqm**

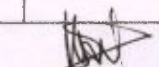
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
10	Hire and labour charges for shuttering with centring and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor). (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.) <b>SOR, PWD, P-66, T -12(a)</b>				
	25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M <sup>2</sup>	360.00	13342.68
11	Plaster ( to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary . In ground floor. A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster <b>SOR, PWD, P-151, T -2 (i)(b)</b>	116.940	sq.m.	181.00	21166.14
	b) Out side Wall, 15mm th. <b>SOR, PWD, P-151, I -2 (i)(c)</b>	111.950	sq.m.	156.00	17464.20
	B)10mm th ceiling plaster (4:1) <b>SOR, PWD, P-151, I -2 (i)(c)</b>	23.330	sq.m.	140.00	3266.20
12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. <b>SOR, PWD, P-152, I -8</b>	26.700	sq.m.	38.00	1014.60

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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
13	Artificial stone in floor,dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick <b>SOR, PWD, P-40, I -3 (i)</b>	26.490	sq.m.	265.00	7019.85
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1) fitted and fixed complete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) <b>SOR, PWD, P-90, I -18 (c)</b>	34	each	22.00	748.00
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood <b>SOR, PWD, P-85, T -1(i)</b>	0.213	cu.m.	46171.00	9834.42
16	Panel Shutter of door & Window (each Panel Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panel of size 30 to 45 cm. Other Local wood <b>SOR, PWD, P-105, I -84 (iv)c</b>	8.520	sq.m.	1567.00	13350.84

  
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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
17	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a)75mm x 47mm x 1.70mm <b>SOR, PWD, P-91, T -20(iv)</b>	32.000	each	34.00	1088.00
18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia <b>SOR, PWD P-93, I-25,c</b>	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats <b>SOR, PWD, P-155, I -3 (b)</b>	124.960	%sq.m.	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothening surface thoroughly external surface One Coat <b>SOR, PWD, P-155, I - 4(ii)(a)</b>	100.560	%sq.m.	1514.00	1522.48
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand papering etc.				
	1) On timber surface <b>SOR, PWD, P - 162, I - 7(a)</b>	21.690	sq.m.	41.00	889.29
	2) On Steel Surface <b>SOR, PWD, P - 162, I - 7(b)</b>	2.700	sq.m.	31.00	83.70
22	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : With super gloss (hi-gloss)-With any shade except white.				
	a) On timber or plastered surface Two Coats	21.690	sq.m.	89.00	1930.41
	b) On Steel surface Two Coats <b>SOR, PWD, P - 162, - 8A(aii),(bii)</b>	2.700	sq.m.	86.00	232.20



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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia with center bolt and round fitting. 300 mm long <b>SOR, PWD, P-93, I - 27c</b>	2.000	each	193.00	386.00
24	Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item <b>will not be</b> issued by deptt. <b>SOR, PWD, P-32, I - 38 (b)</b>	1.690	sq.m.	351.00	593.19
25	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials ( Spun yarn, valamoid / bitumen / M. seal etc.) complete. <b>P-173, I-21 A (ii), C(ii), D(ii)</b> <b>SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)</b>				
	i) UPVC Pipe 110 mm dia	3.000	Mtr.	291.00	873.00
	ii) UPVC Bend 87.5 degree 110 mm dia	2.000	each	162.00	324.00
	iii) UPVC Shoe 110 mm	1.000	each	128.00	128.00
26	M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. Grill weighing 10 kg/sq m to 16 kg/m <sup>2</sup> <b>SOR, PWD, P - 76, I - 10 (i)</b> <b>(2.70sqm @ 10.5kg per sqm = 28.35 kg)</b>	0.284	Qntl	8247.00	2342.15

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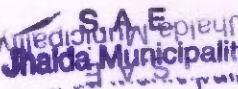
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied ,fitted and fixed in position (excluding cost of concrete for fixing). 450 mm long <b>SOR, PWD, (Sanitary) P - 65, I - 1 (iii)</b>	1.000	each	1062.00	1062.00
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including adding colour as necessary. <b>SOR, PWD, (Sanitary) P - 66, I - 9</b>	1.000	Pair	70.00	70.00
29	Supplying,fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed surface. S Trap 100 mm <b>SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)</b>	1.000	each	923.00	923.00
30	Supplying, fitting fixing CI Round Gratings 150mm dia <b>SOR, PWD, (Sanitary) P - 55, I - 18(ii)</b>	1.000	Each	100.00	100.00
	Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement mortar (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 75m. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plustering and neat cement punning on top of the slab and making hooking arrangment on slab for lifting of the slab if require as well as jointing the connection with the inspection pit (450 x 450) covered with 50mm thick RCC slab (4:2:1) with stone chips and necessary reinforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder	1	Item	7544.00	7544.00

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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	earth including supplying fitting fixing fibre glass pan P-tap & polythene pipe as per requirement to connect with the inspection pit complete with all respect as per direction of EIC.(ANNEXURE-II)				
	<b>TOTAL AMOUNT</b>		<b>Rs.</b>		<b>350000.36</b>
	<b>Say</b>		<b>Rs.</b>		<b>350000.00</b>
	<b>Add for Electrical Works (ANNEXURE-I)</b>		<b>Rs.</b>		<b>17858.00</b>
	<b>TOTAL AMOUNT</b>		<b>Rs.</b>		<b>367858.00</b>
	<b>Say</b>		<b>Rs.</b>		<b>368000.00</b>
<b>(Rupees Three lakh Sixty eight thousand only)</b>					

  
 Chief Engineer  
 M E Directorate  
 Deptt. of Municipal Affairs  
 Govt. of West Bengal

  
 Chairman  
 Jhalda Municipality

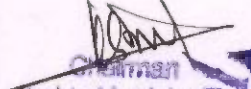
  
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## ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY

ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY					
(ANNEXURE-I)					
Sl.N	Item of works	Unit	Rate	Quantity	Amount
1	Supplying & fitting polythene pipe complete with fittings as necessary. Under ceiling /beam/bound with 22SWG GI wire inclusive S & Drawing 1x18 SWG GI wire as fish wire inside the pipe & fittings and providing 55 mm dia disc of MS sheet (20SWG) having colour paint at one face first ended at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction) 19 mm dia 3 mm thick polythene pipe	RM	39.00	25.00	975.00
2	Powerckt wiring supplying and drawing 1 ; 1KV grade single core stranded FR PVC insulated & unseathed single core stranded Copper wire (Finolex make) 2 x 2.5 sqmm (PH & N) +1x1.5 sqmm (ECC) per laid polythene pipe and by the pre-laid GI fish wire & making necessary connections as required.	RM	76.00	50.00	3800.00
3	Concealed Distribution wiring in in 2x1.5 sqmm single core standard *FR* insulated and unseathed copper wire Finolex make & 1x1.5 sq mm single core stranded PVC insulated and unseathed copper wire (Finolex make) wire used as ECC in 19 mm bore 3 mm thk. polythene pipe complete with all accessories embedded in wall smooth run to light / fan/call bell point with pin key type switch (6 Amps) (Anchor make) fixed on sheet metal (16 SWG) Switch Board with bakelite/ perspex (wall matching colour) Top cover (3 mm thick) flushed in wall including mending all good damages to original finish Average per point 6.00 mt.	points	828.00	10.00	8280.00
4	Deistribution concealed wiring with 2x1.5 sq mm (PH & N) single core stranded FR PVC insulated & unseathed single core stranded 1.1 KV grade Copper Wire (finolex) & 1x1.5 sq mm (ECC) single core stranded (PH & N) 1.1 KV grade copper wire (finolex) & 1 x 1.5 sq mm single core stranded PVC insulated & unseathed copper wire (finolex) used as ECC in 19 mm bore, 3 mm thick polythene pipe complete with all accessories embedded in wall 250 volt 5 amp 3 pin plug point including S & F 250 Volt 5 amp 3 pin flush type plug socket & piano key type	points	76.00	2.00	152.00

	swich (Anchor make) on existing switch board as mentioned sl. no.3				
5	Supplying & drawing 1.1 KV grade single core stranded FR PVC insulated & unseathed single core stranded cu Wire 3x2.5 sq mm (finolex make) in the prelaid polythene pipe & by the prelaid GI fishwire & making necessary connection as required (CESC supply to consumer DP near to CESC & inside the room another DP near CESC & inside the room another DP of dwelling units)	RM	86.00	15.00	1290.00
<b>Sl.No.</b>	<b>Item of works</b>	<b>Unit</b>	<b>Rate</b>	<b>Quantity</b>	<b>Amount</b>
6	Supplying Delivery & instalation on wall of 30/32 amp DP MCB of Havel's make with enclosed box along with all its necessary connection complete.(Anchor)	nos	808.00	2	1616.00
7	Earthing in soft soil with 50 mm dia GI pipe (TATA make Medium ) 3.64 mm th. X 3.04 Mtr long and 1 x 4 SWG GI ( hot dip) wire (4 m long) 13 mmdia x 80 mm long GI bolts, double nuts, double washer including S & F 15 mm dia GI protection (1 mtr long) to be filled with bitumen partly under the ground level & partly above GL driven to an average depth of 3.65 m below the GL & restoring surface duly rammed.	each	1715.00	1	1715.00
8	Connecting the equipment to earth BUSbar inclusive S&F 10 SWG (Hot Dip) GI wire on wall /floor with a staples buried inside wall /floor as required & making connection to equipments with bolt, nut, washer, cable lugs etc. as required & mending good damages.	M	6.00	5	30.00
			TOTAL		17858.00
<b>Rupees Thirteen Thousand Eight Hundred Seventy Eight Only</b>					<b>17858.00</b>

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

Cost Estimate for 2 Nos Leach Pit for single unit Dwelling Unit P.W.D Schedule of Rates effect from 1st July 2014					
(ANNEXURE-II)					
Sl No	Description of Items	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bttom boiling out water aqs required complete . Depth of exavation not existing 1500mm <b>P.No-1, I-2(a)</b>	2.500	%Cu.M	12047.00	301.18
2	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. In ground floor and foundation (a) 6:3:1 proportion.	0.050	Cu.M	5803.06	290.15
3	Brick work with 1st class bricks in cement mortar (6 :1). a) In foundation & Plinth <b>P.no-29, I-21(a)</b>	0.010	Cu.M	5719.00	57.19
4	125 mm. thick brick work with 1st class bricks in cement mortar (4 : 1) G.Floor <b>P.no-31, I-29</b>	3.000	SqM	714.00	2,142.00
5	Controlled Cement concrete with well graded stone chips (20 - mm nominal size) excluding shuttering and reinforcement with complete design of concrete as per I : 456 and relevant special publications submission of job mix formula after preliminary mlx design after testing of concrete cubes as per direction of Engineer-in charge Consumption of cement will not be less than 300 Kg of cement -with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on- the basis of preliminary test and job mix formula. -I n ground floor and foundation. [Using concrete mixture] M 20 Grade <b>P.no-12, I-6(a)</b>	0.145	Cu.M	6871.54	996.37
6	Reinforcemnet for reinforced concrete work in all sorts of structures incl. Distribution bars, stirrups, binder etc. incl. supply of rods, initial straightening & removal of loose rust (if necessary), cutting to requisite length, hooking etc <b>P.no-27, I-15(a)(i)</b>	0.010	M.T	68508.00	685.08

7	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials ( Spun yarn, valamoid / bitumen / M. seal etc.) complete.				
	i) UPVC Pipe 110 mm dia P.no-173, I-21(A)(ii)	4.000	Mtr	291.00	1,164.00
	ii) UPVC Bend 87.5 degree 110 mm dia P.no-174, I-21(B)C(ii)	2.000	Each	162.00	324.00
8	Jaffri brick work 125 mm. thick with 1st class bricks in cement mortar (4:1) including 12 mm. thick cement plaster (4:1) in all faces in ground floor .P.no-32, I-35	2.000	SqM	792.00	1,584.00
<b>Cost of 2 no leach pit</b>					<b>7,543.97</b>
<b>Total=</b>					<b>7,544.00</b>

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## Detailed Estimate for Single Dwelling unit

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



Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
	C/L of main outer wall				125 mm Partitionwall		Varandah C/L
					23.873		
4	Jhama concrete						
			18.28	0.075	1.371		
			4.58	0.075	0.344		
			23.93	0.075	1.795		
					3.51		
5	Earth work in filling 1/5 excavation						
			13.715	5	2.743		
			23.48	0.375	8.805		
					11.548	m3	
6	B.W (6:1) in Foundation of plinth						
		23.5	0.625	14.6875			
		23.5	0.5	11.75			
		23.5	0.375	8.8125			
				35.25	0.15	5.288	
		23.5	0.25		0.525	3.084	
	X wall	0.938	0.625	0.586			
		1	0.5	0.5			
		1.063	0.375	0.399			
				1.485	0.15	0.223	
		1.125	0.25		0.525	0.148	
	125mm	3.125	0.25		0.525	0.41	
	Bath&WC	2	0.9	0.25	0.523	0.235	
	Kit	5.224	0.25		0.525	0.686	
	Vard	1.925	0.25		0.525	0.253	
	Steps	0.5	0.9		0.15	0.068	
		0.25	0.9		0.15	0.034	
						10.427	m3
7	DPC	23.5					
		1.125					
		24.625		0.25		6.156	
		3.125					
		1.8					
		5.224					
		10.149		0.125		1.269	
						7.425	

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm									
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L	
	Less	0.9		0.25	0.225				
		0.9		0.125	0.113				
	3	0.75		0.125	0.281				
						0.619			
						6.806	sqm		
8	BW in super structure (6:1)								
		23.5							
		1.125							
		24.625	2.75	0.25	16.93				
	Parapet	23.8	0.075	0.25	0.446				
						17.376			
	Less opens								
	1	0.9	2.1	1.89					
	4	0.9	0.9	3.24					
	1	0.75	0.9	0.675					
	3	0.75	0.75	1.688					
				7.493	0.25	1.873			
	Lintel								
	1	1.525	1.525						
	4	1.2	4.8						
	1	1.05	1.05						
			7.375	0.25	0.1	0.184			
	Wo2								
	1	3.05	3.05	0.25	0.1	0.076			
					(-)	2.134			
	Net brick work						15.242	m3	
9	125 th. Brick work (6:1)								
	room		3.125	2.6	8.125				
	kit		2.125	2.75	5.844				
			1.65	2.75	4.5375				
			1.45	2.65	3.8425				
	2		0.9	2.1	3.78				
						26.12875			
	Less opening								
	1	0.9	0.9						
	3	0.75	2.25						
			3.15	2.1	6.615				
	Lintel								

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm									
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L	
	1	1.3	1.3						
	1	1.025	1.025						
			2.325	0.1	0.2325				
					6.8475				
						19.28125			
	Parapet								
		23.5		0.15	3.525				
					22.806				
	passege		0.75	0.55	0.4125				
					23.219	sqm			
10	Conc M-20								
	Roof slab								
	32.15	1.1475	31.003		0.1	3.1			
	Beam		3.625	0.25	0.15	0.136			
			2.575	0.25	0.1	0.064			
	Lintel						3.301		
	D1	1	1.525	1.525					
	W1	4	1.2	4.8					
	W2	1	1.05	1.05					
	WO2	1	3.05	3.05					
				10.425	0.25	0.1	0.261		
	D1	1	1.39	1.39					
	D2	1	1.025	1.025					
	D2	2	1.4	2.8					
	O2	1	0.875	0.875					
	D2	2		6.09	0.125	0.1	0.076		
	Chaja								
	W1	4	1.2	4.8					
	W2	1	1.03	1.03					
	D1	1	1.275	1.275					
	W02	1	3.05	3.05					
				10.155	0.3	0.075	0.228		
							3.866	m3	
11	Reinforcement								
		3.866	0.80%	1	7850	0.243	MT		
12	Shuttering								

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
C/L of main outer wall				125 mm Partitionwall		Varandah C/L	
31	23.5	1.125					
		24.63	0.25				
31			6.156	24.844			
Side beam	2	3.125	0.15	0.9375			
	2	2.325	0.1	0.465			
side slab	1	25.3	0.1	2.53			
Lintel	1	0.9	0.25	0.225			
	1	1.525	0.1	0.153			
	1	1.275	0.35	0.446			
	1	0.3	0.05	0.015			
				29.615	sqm		
4W1	4	0.9	0.25	0.9			
	4	1.2	0.1	0.48			
	4	1.2	0.35	1.68			
	2	4	0.3	0.05	0.12		
1W2	1	0.75	0.25	0.188			
	1	1.05	0.1	0.105			
	1	1.05	0.35	0.368			
	2	1	0.3	0.05	0.03		
WO2	3	0.75	0.25	0.563			
	1	1	3.05	0.1	0.305		
	1	3.05	0.35	1.068			
	2	1	0.3	0.05	0.03		
Lintel 125 Wall							
D1	1	0.9	0.125	0.113			
	2	1.3	0.1	0.26			
D2	2	0.75	0.125	0.188			
	2	2	1.15	0.1	0.46		
D2	2	0.75	0.125	0.188			
	2	1.9	0.1	0.38			
				7.423			
				37.038	sqm		
13	Plaster (6:1)						
	Out side 15 mmth.						
		2.85	1.125	0.45			
	25.3			4.425	111.953	sqm	
	Inside 20 mm th.						
	2	2.7	3.125	2.75	32.038		
	2	2.875	2.625	2.75	30.25		

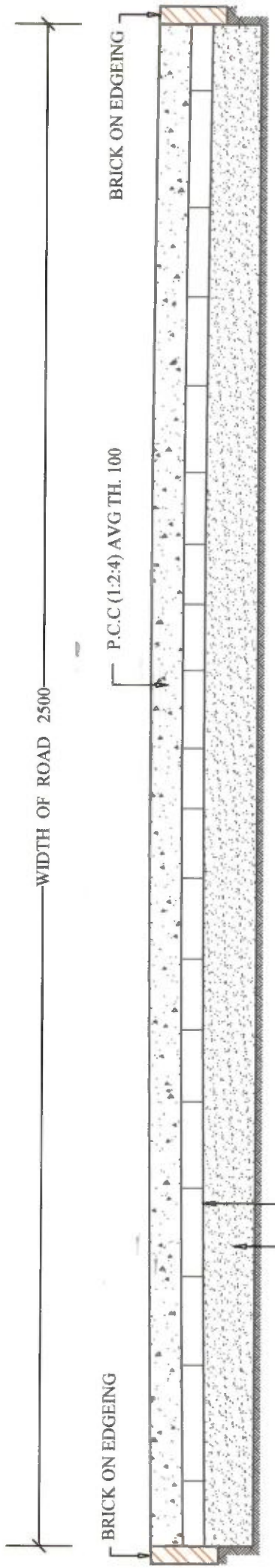
Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
	C/L of main outer wall				125 mm Partitionwall		Varandah C/L
	2	2	1.65	2.75	20.075		
	2	2.075		2.75	11.413		
	Above lintel						
	1	0.75		0.65	0.488		
	Bath						
	2	0.9		2.75	4.95		
	WC						
	1	2.95		2.75	8.113		
	1	2.25		2.75	6.188		
	4	2.2		0.9	7.92		
	T. 125 wall						
	2	0.9		0.125	0.225		
						121.658	
	Open out side less						
	3	0.75		2.1	4.725		
					(-)	4.725	
						116.933	sqm
	Celling Plaster				24.47		
	Less				1.14		
						23.33	Sqm
14	Neat cement punning						
	Out side	Plinth					
		25.3	0.45			11.385	Sqm
							11.385
	Inside		2.7	3.125			
		2		5.825	0.1	1.165	Sqm
			2.875	2.625			
		2		5.5	0.1	1.1	Sqm
	Kithen		2	1.65			
		2		3.65	0.45	3.285	Sqm
		1		1.65	0.45	0.743	Sqm
		2		2.075	0.1	0.415	Sqm
	Varanda			1.775	0.1	0.178	Sqm
	step WC	1		3	0.45	1.35	Sqm
	Bath			3.5	2	7	Sqm
				0.75	0.1	0.075	Sqm
	In side punning					15.31	15.31
	Total						26.695 Sqm

Detailed Estimate for Single Dwelling unit Floor area 25.36 sqm Built up area 32.18 sqm							
	C/L of main outer wall			125 mm Partitionwall			Varandah C/L
15	Art. Stone flooring						
	Floor area				25.37	sqm	
	Step	2	0.9	0.25	0.45		
	W1	4	0.9	0.1	0.36		
	W2	1	0.75	0.1	0.075		
	W3	3	0.75	0.1	0.225		
						26.48	Sqm
16	Ms Clamp for door & window						
	D1+D2	4	6		24		
	W1+W2	5	2		10		
						34	nos.
17	Wood work in Door & window frame						
	D1	2	5.1	10.2			
	D2	2	4.95	9.9			
	W1	4	3.6	14.4			
	W2	1	3.3	3.3			
				37.8	0.075	0.075	0.213 m3
18	Z batten shutter						
	D1	2	0.775	2.025	3.139		
	D2	2	0.625	2.025	2.531		
	W1	4	0.775	0.775	2.403		
	W2	1	0.775	0.625	0.484		
						8.557	sqm
19	Iron Butt Hinges						
	D1+D2				12		
	W1	4	4		16		
	W2	1	4		4		
						32	nos.
20	Iron socket bolt						
	Door			6			
	Window			5			
						11	nos.
21	White wash						
	Inside+Ceiling Plaster- inside punning						
			116.933	23.33	15.31	124.953	sqm
22	Colour wash						
	Out side Plaster- out side punning						

Detailed Estimate for Single Dwelling unit									
Floor area 25.36 sqm Built up area 32.18 sqm									
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L	
			111.953	11.385			100.568	sqm	
23	Priming on timber sutface								
	2	2	0.9	2.1		7.56			
	2	2	0.75	2.1		6.3			
	4	2	0.9	0.9		6.48			
	1	2	0.75	0.9		1.35			
							21.69	sqm	
24	Painting best quality on wooden surface								
	same sl.no. 23								
							21.69	sqm	
25	MS ornamental gril....10Kg-16 Kg								
	W1	4	0.75	0.75	2.25				
	W2	1	0.75	0.6	0.45				
					2.7				
					@12Kg/sqm		32.4	Kg	
26	Priming on Steel sutface								
							2.7	sqm	
27	Painting best quality on steel surface								
	same sl.no. 24								
							2.7	sqm	
28	R.C.C. Shelf								
		1.75	0.5				0.875	sqm	
29	Roof treatment with cow dang								
					32.18				
	Deduct	1.14	(varanda)	1.14					
	Cornice	25	0.125	3.125					
				27.915			27.915	sqm	

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**NOTE :** 1. CEMENT CONCRETE SHOULD BE LAID IN ALTERNATE PANNEL OF AN AREA NOT MORE THAN 7.50 SQM. PROVISION FOR PAPER JOINT AT THE END OF EACH PANNEL IS TO BE MADE  
 2. ALL DIMENSIONS ARE IN MM.

**TYPICAL CROSS SECTION OF CEMENT CONCRETE ROAD**

<b>PRADHAN MANTRI AWAS YOJANA</b> HOUSING FOR ALL (URBAN)
OFFICE OF THE CHIEF ENGINEER MUNICIPAL ENGINEERING DIRECTORATE GOVT. OF WEST BENGAL
DWG. NO.

*[Signature]*  
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**5.2.2. Detailed Estimate of adoption of technology for Concrete Road:****Detailed Estimate of adoption of technology for Concrete**

ESTIMATE FOR CONSTRUCTION OF CONCRETE ROAD 2.5 MRTRE WIDE								
PWD BUILDING SCHEDULE 2014								
Sl No	Description of Items	Length	Breadh	Depth	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bttom boiling out water aqs required complete . Depth of exavation not existing 1500mm <b>P.No-1, I-2(a)</b>	1.00	2.5	0.400	1.000	%Cu.M	12047.00	120.47
2	Filling foundation or plinth by silver sand in layer not exceeding 150 mm. as directed and consolidating same by through saturation with water rammingcomplete. Including the cost of supply of sand. (a) by fine sand <b>P.No-2 , I-4(B)</b>	1.00	2.5	0.200	0.500	%Cu.M	110422.00	552.11
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand <b>P.no-11, I-1</b>	1.00	2.5		2.500	Sq.M	377.00	942.50
4	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in	1.00	2.5	0.125	0.313	Cu.M	6802.74	2,125.86

ESTIMATE FOR CONSTRUCTION OF CONCRETE ROAD 2.5 MRTRE WIDE								
PWD BUILDING SCHEDULE 2014								
Sl No	Description of Items	Length	Breadh	Depth	Quantity	Unit	Rate	Amount
	ground floor as per relevant IS codes P.no-24, I-10(a)							
5	Brick edging 75 mm. wide with picked jhama bricks, laid true to line and level including cutting necessary trench in sopil or in hard metalled surface, laying the bricks and repacking the trench (on both sides of the edging) with spoils and ramming the same thoroughly, complete as per direction. (b) Brick-on-end edging (250 mm ) depth. P.No-189 , I-3(b)	2.00			2.000	%Mtr	9392.00	187.84
6	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipapal /Corporation Rules forsuch disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in -Charge P.no-9, I-13	1.00	2.500	0.400	1.000	Cu.M	168.00	168.00
							Toatl=	4,096.78
							Total=	4,097.00

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

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

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

Step - 1	Schedule Rate	Rs	6802.63 (A)
Step - 2	Deduct cost of cement=(Quanty of cement)x(lissue rate of cement vide item no-1 column-4 Table 1-1 of Annexure-1 0.286x8100	Rs	2316.6 (B)
Step - 3	Add cost of cement supplied by cost contractor including 10% proffite = 1.1x(Quanty of cement)x(Basik price of cement vide item no -1 column- 5 table-1-1 of annexure -1 1.1x.286x7364	Rs	2316.71 (C.)
	Note;- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D	Rs	6802.74 (D)

**Rate Analysis****P.C.C 1:3:6 With Jhama Khoa**

Step - 1	Schedule Rate	Rs	5803.00 (A)
Step - 2	Deduct cost of cement=(Quanty of cement)x(lissue rate of cement vide item no-1 column-4 Table 1-1 of Annexure-1 0.16x8100	Rs	1296.00(B)

Step - 3	Add cost of cement supplied by cost contractor including 10% proffite = 1.1x(Quanty of cement)x(Basik price of cement vide item no -1 column- 5 table-1-1 of annexure -1 1.1x.16x7364	Rs	1296.06 (C.)
	Note;- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D	Rs	5803.06 (D)

**Annexure - II****Format - A**

(Format for Rate Analysis of Cement Concrete Item)

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

(i) Pakur Variety

Consumption of Stone aggregate ( Page B-59)

20 mm 0.573 Cum

=

10 mm 0.287 Cum

=

Distance of site considered =

10 Km

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

**5.2.3. Detailed Estimate of adoption of technology for Water Connection:****Detailed Estimate of adoption of technology for Water Connection****COST ESTIMATE OF THE INTERIOR PIPE LINE FOR SINGLE  
DWELLING UNIT****P.W.D S.O.R Sanitary and Plumbing Work from 1<sup>st</sup> July-2014**

SL NO	DESCRIPTON	QUANTITY	UNIT	RATE	AMOUNT
1 P-11 I- 19(I)	Supplying fitting fixing PVC pipes of pproved quality conforming to ASTMD-1785 and threaded to mach with GI pipes as per IS:1239 (Part-I) wit all necessary accessories specials viz.socket,beny,tee,union,cross,elbow,nipple,long screw, reducing socket, reducing tee, short piece, etc. complete in all respect including cost of all necessary fittings as required ,jointing materials and two coats of painting with approved paint in any position above ground. (a) For exposed work PVC Pipes 15mm dia	12.00	Meter	106.00	1272.00
2 P- 6 I (f)(i)	Supplying fitting and fixing polythene Bib Cock with metal inlet (EMCO / ATLAS or equivalent) 15mm	3.00	Each	100.00	300.00
<b>Total=</b>					<b>1572.00</b>

**Rupees One Thousand Five Hudread Seventy Two Only.**

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## Section 6 – Project Implementation & Management Framework

### 6.1. Institutional Framework for implementation

#### Central Sanctioning and Monitoring Committee (CSMC)

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

#### Indicative Functions of CSMC

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

#### State Level Sanctioning and Monitoring Committee (SLSMC)

##### Indicative functions of SLSMC

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

### Jhalda Municipality

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

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

### 6.2. Implementation schedule

#### A time-bound action plan covering

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

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### 6.3. Quarterly component wise investment schedule vis-a-vis means of finance (Central/State/ULB/Beneficiaries share)

Fund Type	Total Project cost (Rs. In Lakh)			DU for 1099 nos (Rs. In Lakh)			Physical Infrastructure (Rs. In Lakh)		
	DU for 1099 nos @ Rs. 3.68 Lakhs/DU)	Physical Infrastructure	Total	1st Quarter	2nd Quarter	Total	1st Quarter	2nd Quarter	Total
Central	1648.500	0	<b>1648.500</b>	824.250	824.250	1648.500	0	0	0
State	2121.070	202.216	<b>2323.286</b>	1060.535	1060.535	2121.07	101.108	101.108	202.216
ULB	0.000	202.216	<b>202.216</b>	0	0	0	101.108	101.108	202.216
Beneficiaries share	274.750	0	<b>274.750</b>	137.375	137.375	274.75	0	0	0
<b>Total</b>	<b>4044.320</b>	<b>404.432</b>	<b>4448.752</b>	<b>2022.160</b>	<b>2022.160</b>	<b>4044.32</b>	<b>202.216</b>	<b>202.216</b>	<b>404.432</b>

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

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

### 6.5. Quality Control & Quality Assurance Plan.

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

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



## Section 7 – Operation & Maintenance Plan

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

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

  
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Jhalda Municipality

**Section 8 – Project Financials**

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

Rs. In lakh

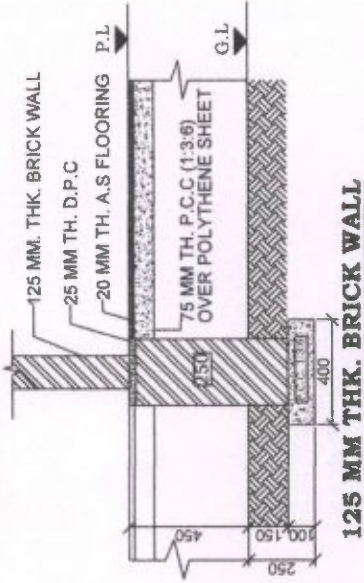
Component	Central share	State share	ULB share	Beneficiary Share	Total project cost
Housing	1648.500	2121.070	0	274.750	4044.320
Infrastructure	0	202.216	202.216	0	404.432
*O&M charges	0	0	0	0	0
*DPR Preparation, PM, TPIM, Social Audit Charges	0	0	0	0	0
Others	0	0	0		0
Total	1648.500	2323.286	202.216	274.750	4448.752
*these charges will be shared between Central and State Govt. as per applicable sharing pattern					

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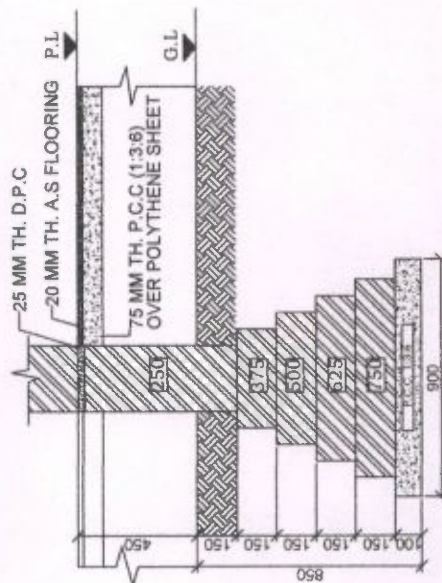
  
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**Drawing of DU, Road.**

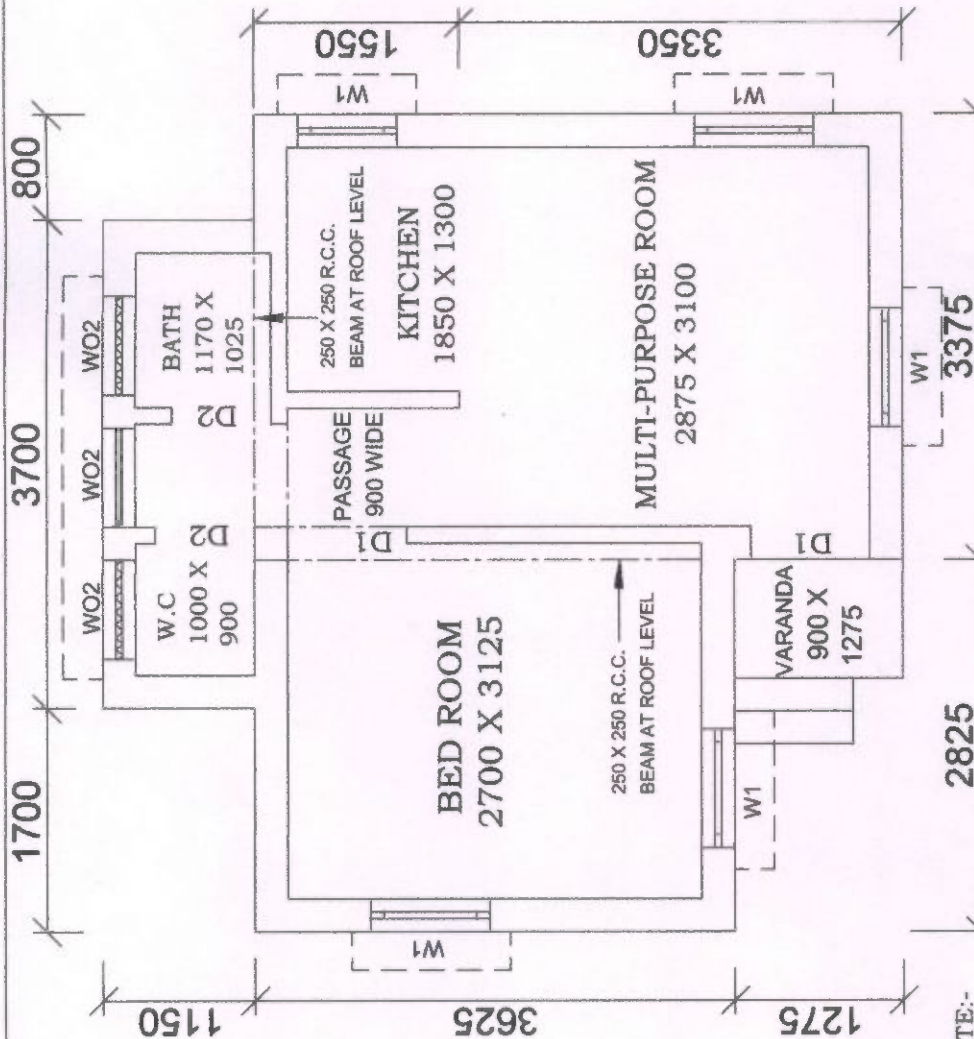
**FOUNDATION DETAILS**



**125 MM THK. BRICK WALL**



**250 MM THK. BRICK WALL**



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

FLOOR AREA - 25.37 SQM.

BUILT UP AREA - 32.18 SQM.

**NOTE:-**

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

**PRADHAN MANTRI AWAS YOJANA**

HOUSING FOR ALL (URBAN)

OFFICE OF THE CHIEF ENGINEER

MUNICIPAL ENGINEERING DIRECTORATE

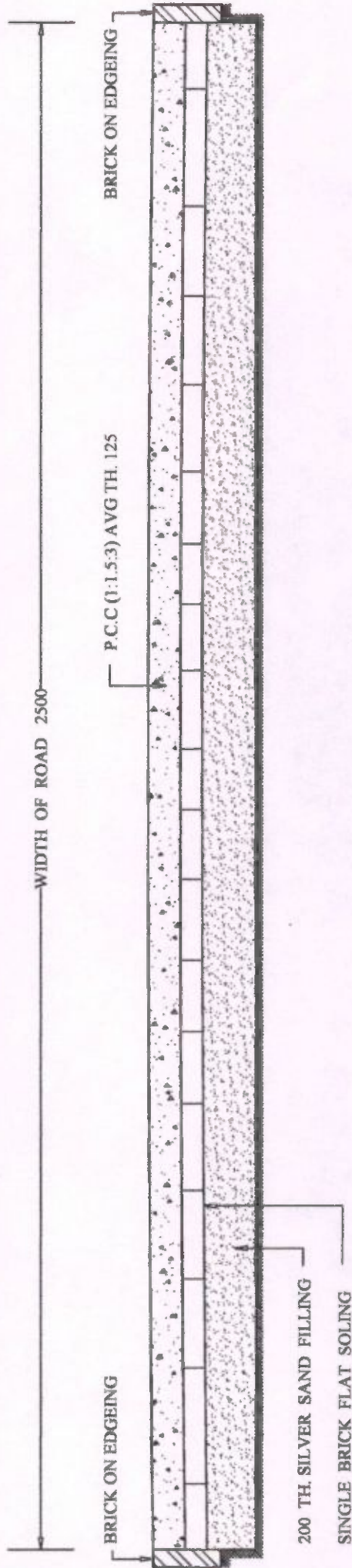
GOVT. OF WEST BENGAL

DWG. NO.


SCALE :- 1:50 & 1:25

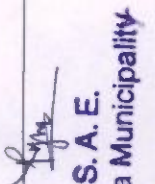
JHALDA MUNICIPALITY  
JHALDA

TYPICAL CROSS SECTION OF CEMENT CONCRETE ROAD



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

  
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**Annexure for Slum and non slum Auto CAD maps**

MAP





MAP

## **Annexure for Beneficiary List**








MUNICIPALITY  
PMAY(HFA-2022)


BENEFICIARY LIST OF JHALDA MUNICIPALITY OF WARD NO : -01  
KANDUKULI AND CHUTAR KULI BUSTEE (SLUM CODE: -001)

Sl No	Name of Beneficiary	Father's Name/Husband's name	Holding No	Category						Gender	UID NO. (Voter/Adhar/Ration Card)	Photo	
				SC	ST	OBC	Minority	PH	EWS				General
1	JADAB SUTRADHAR	KALIDAS SUTRADHAR	Plot No - 4849			OBC			EWS		MALE	946886642351	
2	NARESH CHANDRA LAHIRI	LT-GOPAL LAHIRI	138/137/1						EWS		MALE	938853273696	
3	ASIT KR SINGHA DEO	GURUCHARAN SINGH DEO	106/104/1						EWS		MALE	657172312755	
4	RAMPRASAD ROY	LT-KRISTO PADA ROY	6/154						EWS		MALE	579064169660	

  
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5	KISHORE SUTRADHAR	LATE MONBODH SUTRADHAR	Plot No - 648							EWS	General	MALE	331045441643	
6	BHOLANATH DUTTA	LT-SUDHIR DUTTA	19/19							EWS	General	MALE	674150917164	
7	UTTAM SUTRADHAR	DINABANDHU SUTRADHAR	Plot No - 7306			OBC				EWS		MALE	DXG2206373	
8	RANJIT LAHIRI	LT-BAGALI LAHIRI	140/139							EWS	GENERAL	MALE	488679787514	
9	CHANDA BID	RANJAN BID	Plot No - 7585							EWS	GENERAL	FEMALE	483060458078	

  
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 Jhalda Municipality

10	CHANDANA MAITI	BIPLAB MAITI	Plot No - 8512,8513							EW'S	GENERAL	FEMALE	956237436792	
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 Chairwoman  
 Jhalda Municipality

## MUNICIPALITY


PMAY(HFA-2022)

## BENEFICIARY LIST OF JHALDA MUNICIPALITY OF WARD NO : -01






NON SLUM (SLUM CODE: -00)

Sl No	Name of the Beneficiary	Father's Name/Husband's name	Holding No	Category							UID No.(Voter/Adhar/Ration Card)	Photo		
				SC	ST	OBC	Minority	PH	EWS	General			Gender	
1	SHANKAR KANDU	LATE GURUPADA KANDU	71/71							EWS	General	MALE	469999743499	
2	ASHOK KANDU	LATE BAIDYANATH KANDU	61/61							EWS	General	MALE	0166900	
3	ANIL SAW	JANANNATH SAW	61/61							EWS	General	MALE	416892834550	
4	HARADHAN KARMAKAR	LATE KRITIBAS KARMAKAR	37/37	sc						EWS		MALE	375282568049	






  
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5	AMIYA SEN	LATE RADHAPRADA SEN	66						EWS	General	MALE	WE/237/126257	
6	ROBI KANDU	LATE GOUR KANDU	79/79						EWS	General	MALE	256455870720	
7	MATHUR SAW	LATE JAGANATH SAW	61/61						EWS	General	MALE	357113671359	
8	SAMIR PAUL	LATE SUDIR PAUL	51/51						EWS	General	MALE	588098132180	
9	GOKUL DAS	LATE MEGHU DAS	171						EWS		MALE	796015976034	





  
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 Jhaldai Municipality

10	BANU KANDU	LATE GOUR KANDU	79/79						EWS	General	MALE	268688182188	
11	DILIP KARMAKAR	LATE KRISHTO PADA KARMAKAR	21/21	SC					EWS		MALE	561879946422	
12	JAYANTA DUTTA	ABANI DUTTA	85/85		OBC				EWS		MALE	292610689475	
13	KANGAL KANDU	LATE KRISHIBAS KANDU	1/72						EWS	General	MALE	531045342126	
14	MONAJ GORAIN	DILIP GORAIN	41/85/45/3		OBC				EWS		MALE	828998175175	

*[Signature]*  
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Jhaldra Municipality






15	DURGACHARAN SAW	LATE MAHABIR SAW	38/39						EWS	General	MALE	353131756180	
16	MAHADEV SINGHA	LATE GOBARDHAN SINGHA	12/12/1						EWS	General	MALE	590000622300	
17	BINA SAHA	GOPAL SAHA	103/101/1						EWS	General	FEMALE	226114587499	
18	BIBEKANANDA BIT	SHAKTI PADA BIT	36/36						EWS	General	MALE	886257695576	
19	HAREKRISHNA DHIBAR	LATE SHAMBHUNATH DHIBAR	84						EWS		MALE	751575715118	

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Jhalda Municipality



20	RINA CHOURASIA	LATE ASHOK CHOURASIA	117/116						EWS	General	FEMALE	546476676429	
21	GOBARDHAN MODAK	LATE SHRIRAM CHANDRA MODAK	120/119						EWS	General	MALE	849760592851	
22	BANARASI KESHRI	LATE RAINNATH KESHRI	50/50						EWS	General	MALE	963669342270	
23	ASHOK SAW	KANGAL KANDU	26						EWS	General	MALE	430467057602	
24	RANJIT DAS	LATE LAKHINARAYAN DAS	6/6	SC					EWS		MALE	709340711880	

  
Chairman  
Jhalda Municipality



25	KULDIP DAS	MANSARAM DAS	107	SC				EWS	MALE	458702117431	
26	RANJIT SAW	LATE SURENDRA SAW	48/48					EWS	MALE	721099717791	
27	ANUP MODAK	LATE TARA PADA MODAK	121/120			OBC		EWS	MALE	589498888448	
28	SUBODH SAW	MADHUSUDAN SAW	41					EWS	MALE	492040024707	
29	ROBI KANDU	LATE DHRUBALAL KANDU	41					EWS	MALE	556289990971	

  
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Jhalda Municipality

30	UTTAM KUMAR SINGHA	LATE RAMNATH SINGHA	12/12/1					EWS	General	MALE	807178312082	
31	ASHOK KANDU	LATE BHABAN KANDU	75/75					EWS	General	MALE	718017947991	







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## MUNICIPALITY






PMAY(HFA-2022)

BENEFICIARY LIST OF JHALDA MUNICIPALITY OF WARD NO : -02






HAT TOLA &amp; CHUTAR BUSTEE (SLUM CODE: -02)

Sl No	Name of the Beneficiary	Father's /Mother's /Husband's name	Holding No	Category							GENDER	UID NO(Voter/Adhar/Ration Card)	Photo
				SC	ST	OBC	Minority	PH	EWS	GENERAL			
1	SHYAMSUNDAR DAS	LATE-BHUTNATH DAS	36/80	SC							MALE	853982080365	
2	LALITA BALA DAS	BRINJMOHAN DAS	85/139/25	SC							FEMALE	WB/34/237/129085	
3	PUNIT JETHWA	LATE JIVRAM JETHWA	4/4/1								MALE	852821018068	
4	ASIM DEY	LATE DURGA DAS DEY	Dag No 260								MALE	600145865281	

  
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Jhalda Municipality






5	SUBHAL DAS	LATE FAGU DAS	57/101	SC							MALE	539232862731	
6	HARADHAN CHANDRA	AMAR CHANDRA	42/110							GENERAL	MALE	345382142831	
7	MANGAL DAS	KALIPADA DAS	38/82	SC							MALE	WB/34/237 /129611	
8	PARBATI DAS		60/104	SC							FEMALE	321338374766	
9	SUDAM DAS	LATE FAGU DAS	57/101	SC							MALE	934062716594	




  
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Jhalda Municipality

10	SUKUMAR SAHA	LATE HARIDAS SAHA 4/4/50						GENERAL	MALE	787880388538	
11	RABIN BAISNAB	LATE BAIDYANATH BAISNAB 13						GENERAL	MALE	841085675167	
12	PRADIP KR GORAI	LATE BHARAT CH GORAI 3/3/A	OBC						MALE	673384811646	
13	PRATUL MUKHERJEE	SAFAL KAM MUKHERJEE 41/85/4 /C						GENERAL	MALE	582111712628	
14	BINOD DAS	LATE PTATHAM DAS 38/39 SC							MALE	409825324499	

*Ward*

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Jhalda Municipality

15	MENAKA BAGTI	NILKHANTA BAGTI	2/49	SC							FEMALE	WB/34/237/1293 67	
16	AJOY RAJAK	RAGHU RAJAK	41/85/4 4	SC							MALE	NTO1536796	
17	NILKAMAL DAS	MRITUNJAY DAS	77/122	SC							MALE	216742010307	
18	PRADIP SHAW	BRINDABAN SHAW	98							GENERAL	MALE	639807868172	
19	LALITA DAS	JABUNA DAS	5/15/25	SC							FEMALE	688585879314	





20	DHANU DAS	HANUMAN DAS	56/100	SC							MALE	WB/34/237/1291 56	
21	DHIREN CHANDRA DAS	MOTILAL DAS	54	SC							MALE	949123411315	
22	DIPAK SHAW	NILKHANTA SHAW	3/3/1							GENERAL	MALE	959494331150	
23	MANIK DAS	HIRALAL DAS	13/85	SC							MALE	WB/34/237/1295 61	
24	MAMTA SUTRADAR	JITEN SUTRADAR	114/168		OBC						FEMALE	900112211071	

  
**Chairman**  
**Ward 10 Municipality**


25	SHARATHI DAS	BASUDEB DAS	plot-1523	SC						FEMALE	794760205785	
26	DILIP DAS	GURUPADA DAS	37/38	SC						MALE	227862914523	
27	ABESH BOUMIK	JAYNESH BOUMIK	35/36						GENERAL	MALE	WB/34/23712950 5	
28	ARIJUN DAS	SADHAN DAS	37/38	SC						MALE	352949205453	
29	BINDUBALA SHAW	GIRIDARI SHAW	3/3/1						GENERAL	FEMALE	897482318350	

*[Signature]*  
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Jhalda Municipality



30	SANJAY KUMAR KESHRI	RAMDHAN KESHRI	18/19						GENERAL	MALE	387007446094	
31	SUDIPTA SARKAR	SUNIL SARKAR	17/62						GENERAL	FEMALE	WB/34/237/1292 97	
32	CHHABI DAS	ABANI DAS	26/27	SC						FEMALE	WB/34/237/129209	
33	JAMINI DEY	LATE SHYMA PADA DEY	22/67						GENERAL	MALE	461497927309	
34	BATUL DAS	HANUMAN DAS	56/100	SC						MALE	784916979311	

  
Chairman  
Municipality

35	ALOKA GORAIN	LATE-BHUTNATH DAS	32/33/4		OBC				FEMALE	853982080365	
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Jhalda Municipality

## MUNICIPALITY






PMAY(HFA-2022)

## BENEFICIARY LIST OF JHALDA MUNICIPALITY OF WARD NO : -02




MUNCHIPARA BUSTEE (SLUM CODE: -03)

Sl No	Name of the Beneficiary	Father's Name /Husband's name	Holding No	Caterogy							GENDER	UID NO(Voter/Adhar/Ration Card)	Photo	
				SC	ST	OBC	MINORITY	PH	EWS	GENERAL				
1	MINATI BAISHNAB	GANESH BAISHNAB	13							EWS	GENERAL	FEMALE	777648299625	
2	SIDESHWAR BIT	BHAKTIPADA BIT	24/118/ 1							EWS	GENERAL	MALE	DXG2774925	
3	DEBASHIS KARMAKAR	LT-ANADI KARMAKAR	167	SC						EWS		MALE	886757549375	
4	JAMUNA SWARNAKAR	LT-BHIKAMBAR SWARNAKAR	plot- 7699							EWS	General	FEMALE	531596635941	






  
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Jhalda Municipality

5	SANJATI DAS	KALACHAND DAS	plot- 7667	SC					EWS			FEMALE	DXG1185354	
6	DILIP KR BANERJEE	NILKANTA BANERJEE	Hal Khata- 738						EWS	General		MALE	452558710137	
7	TARI DAS	LT-NAGENDRA DAS	32/77	SC					EWS			FEMALE	787390225076	
8	SHIBU DAS	NANU DAS	52	SC					EWS			MALE	920353742112	
9	CHAITANYA KANDU	KALIPADA KANDU	12/286/ A1						EWS	General		MALE	835233614787	

  
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10	BHIKA DAS	GIRIDARI DAS	90	SC					EWS		MALE	901526541563	
11	SHIKA DEY	LATE SOMESWAR DEY	51/6/1						EWS	General	FEMALE	411647466388	
12	MONTOSH KR SHAW	BINDABAMN SEN	94						EWS	General	MALE	360746357117	
13	AMULYA SUTRADAR	LATE LALTU SUTRADAR	41/85			OBC			EWS		MALE	WB/34/237/1293 07	
14	SUBRATA MUKHARJEE	KRINA CHARAN MUKHARJEE	116/17 0						EWS	GENERAL	MALE	839753666259	

  
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15	MANISH BAISHNAB	BAIDYANATH BAISHNAB	13						EWS	GENERAL	MALE	936716791663	
16	BISWANATH DAS	RAMAN DAS	4/59/1	SC					EWS		MALE	719446529410	
17	GOUR DAS	SADHAN DAS	37/38	SC					EWS		MALE	619013418263	
18	NIMAI DAS	BHULA DAS	56/100	SC					EWS		MALE	677784926033	
19	PARESH CH DAS	LT-BHARAT CH DAS	22/30	SC					EWS		MALE	378492132991	

  
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30	HARU BANERJEE	LT. BIMAL BANERJEE	plot- 7746						EWS	GENERAL	MALE	23910811338	
31	RAJENDRA KUMAR DAS	GANESH RAM DAS	421	SC					EWS		MALE	535178144348	
32	KARTIK DAS	LT-JITU DAS	38/39	SC					EWS		MALE	504551387925	
33	BIPATARAN SING	PASUPATI SING	5/6						EWS	GENERAL	MALE	821449924242	
34	SAJAL KARMAKAR	LT-ANADI KARMAKAR	167	SC					EWS		MALE	692884408742	






  
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Jhaldha Municipality

35	PRAKASH DAS	LT-ARJUN DAS	25	SC					EWS		MALE	WB/34/23712919 3	
36	SWAPAN DAS	LT-SUPHAL DAS	PLOT 286	SC					EWS		MALE	867470848894	
37	NIRMAL ROY	LT-GURUPADA ROY	PLOT 286						EWS	GENERAL	MALE	522767618653	
38	SHYAMALBARAN ROY	LT-GURUPADA ROY	11/165						EWS	GENERAL	MALE	375523648220	
39	DIPAK ROY	BHOLANATH ROY	26/69						EWS	GENERAL	MALE	895660101409	




  
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Municipality

40	CHANDANA DAS	KANGAL DAS	plot- 247	SC					EWS	MALE	861680839979	
41	RANJIT DAS	LT-NAKUL DAS	9/54/2	SC					EWS	MALE	908613209266	
42	SUNIL SUTARDHAR	LATE SIVCHARAN SUTARDHAR	34/79		OBC				EWS	MALE	WB/34/237/1295 31	
43	SUBRATA MUKHERJEE	LATE ASHUTOSH MUKHERJEE	2/47						EWS	MALE	840239804475	
44	BISHWJIT SUTRADHAR	LATE-NETAI SUTRADHAR	Plot No - 7707		OBC				EWS	MALE	824424424269	






  
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45	JAGANNATH RAJAK	LATE-MAHABIR RAJAK	plot- 8023	SC					EWS	MALE	707840028642	
46	DAMAN CH RAJAK	LATE-RAKHOHARI RAJAK	119/17 3/1	SC					EWS	MALE	777573595914	
47	KHAGENDRANATH DAS	HARI DAS	84/128	SC					EWS	MALE	WB/34/237/1294 38	
48	BAIDYANATH RAJAK	LT-CHINU RAJAK	12/175	SC					EWS	MALE	WB/34/237/1292 77	
49	MUKTA RAM DAS	HIRALAL DAS	13/85	SC					EWS	MALE	380806440728	

  
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Jhalda Municipality

50	BIREN DAS	BHADARI DAS	95	SC					EWS	MALE	436154397752	
51	RAMESH KR CHOPRA	BHAGAT RAM CHOPRA	15/289/ 2						GENERAL EWS	MALE	374477300226	
52	GOPAL SINGHA	DUKHA BHANJAN SINGHA	5/6	ST					EWS	MALE	226410811795	
53	RANJIT DUTTA		41/02				OBC		EWS	MALE	326763198498	
54	TRITHAPADA DAS	YOGENDRA DAS	32/77	SC					EWS	MALE	892886787037	

  
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Jhalda Municipality

55	SANDHAYA SWARNAKAR	LT-GOPAL SWARNAKAR	32/77						EWS	GENERAL	FEMALE	205878898438	
56	SATYANARAYAN MUKHERJEE	LT-BHIBUTI MUKHERJEE	25/70						EWS	GENERAL	MALE	WB/34/237/1291 16	
57	KABITA RAJAK	MAJANU RAJAK	119/17 3	SC					EWS		FEMALE	959913591849	
58	BADAL ROY	HARADHAN ROY	15/289/ 1A						EWS	GENERAL	MALE	450255817621	
59	SURENDRANATH DAS	RATAN DAS	2/2	SC					EWS		MALE	649765194864	



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60	TARANI DAS	LATE-SUREN DAS	plot-7528	SC				EWS		MALE	786486366965	
61	BADAL KUMARI SAW	MATHUR SAW	85/24/1 4					EWS	GENERAL	MALE	648983820084	
62	NISHIT MURA	SHAMBHU MURA	plot-647	ST				EWS		MALE	413413055859	
63	SAMIRAN MUKHERJEE	ASHUTOSH MUKHERJEE	2/47					EWS	GENERAL	MALE	744099816451	
64	NARESH KUMAR CHOPRA	BHAGAT RAM CHOPRA	84/268					EWS	GENERAL	MALE	615142120198	





  
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Jhalda Municipality

## MUNICIPALITY

PMAY (HFA-2022)

BENEFICIARY LIST OF JHALDA MUNICIPALITY OF WARD NO:- 03






GARHKULI BUSTEE (SLUM CODE- 004)

Sl. No.	Name of Beneficiary	Father's Name/ Husband's Name	Holding No.	Category						Gender	UID No. (Voter/ Adhar/ Ration Card)	Photo	
				SC	ST	OBC	Minority	PH	EWS				General
1	PASHUPATI KANDU	LATE LURKU KANDU	12/84								Male	649171887387	
2	DALI KANDU	W/O-JHARHU KANDU	12/141/1								Female	328398549556	
3	SHIBO KALI KANDU	LT-CHANDI KANDU	11/141								Male	390802585774	
4	RAMU LAHARI	LT-KARAM CHAND LAHARI	19/91								Male	210203109973	








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5	MANTU LAHARI	LT-KALI PODO LAHARI	38/167						General	Male	877118085587	
6	GOPAL GORAIN	LT-RAM NATH GORAIN	28/100		Minority					Male	885564301122	
7	MUNNI LAHARI	BINDABAN LAHARI	7/79/1						General	Female	771901778248	
8	SREEMATI KANDU	LT-GURKHA KANDU	23/152						General	Female	766790489542	
9	SANTOSH GORAIN	LT-NEPAL GORAIN	44/173		OBC					Male	895315498121	


  
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10	KALI PADA DUTTA	W/O-SHAMBHU DUTTA	12/141						General	Male	873070302269	
11	SHUSHILA LAHARI	LT-DAMAN CH.LAHARI	21/93						General	Female	827033243128	
12	BISWANATH KANDU	LT-NIMKA KANDU	31/160						General	Male	926053873265	
13	KANAN BANERJEE	LT-BAMKIM CH. BANERJEE	54/126						General	Female	509722396165	
14	SISIR CHATTERJEE	HARI PADA CHATTERJEE	32/104						General	Male	585760096394	















25	ASHOK RAIWAR	LT-DUKHU RAIWAR	71/71	SC							Male	274582797538	
26	ADITYA GORAIN	CHANDI CH. GORAIN	26/98		OBC						Male	524627620279	
27	BINOD GORAIN	BUDHU GORAIN	48/120		OBC						Male	380647223532	
28	SHANKAR CHAKRABORTY	LT-SABITABRATA CHAKRABORTY	18/147							General	Male	355652443721	
29	KARTICK KANDU	NETAI KANDU	12/141/1							General	Male	249234827969	








Chairman  
Jhaida Municipality

30	KISHOR KR. PATHAK	LT-ANANDA PATHAK	9/81						General	Male	57392231808	
31	SANDIP LAHIRI	LT-CHANDI CH. LAHIRI	19/91						General	Male	982486552417	
32	KUILU KANDU	LT-HARADHAN KANDU	12/141/1						General	Male	631178625414	
33	TARANI KAIBARTTA	LT-LAKHPATI KAIBARTTA	27/99/A	SC						Male	739641962591	
34	SANTOSH GORAIN	BUDHU GORAIN	48/120		OBC					Male	403457495440	






35	MONOJ LAHIRI	LT-HELA LAHIRI	35/107						General	Male	332127434346	
36	DURGADAS ROY	LT-DHARANIDAR ROY	37/170						General	Male	3.12893E+11	
37	HEMANTA SINGH	LT-BIJAYBASANTA SINGH	27/160						General	Male	288158336611	
38	RASHU GORAIN	LT-PADU GORAIN	29/101				OBC			Male	990486612002	
39	SHREEMANTA SINGH	LT-BIJOY BASANTA SINGH	27/160						General	Male	201257482316	



Chairman  
Jhaida Municipality

40	BHAJAN KR LAHIRI	LT-HARI RAM LAHIRI	7/79						General	Male	772423169762	
41	GOPAL CHANDRA LAHIRI	LT-G HASIRANM LAHIRI	7/79/1						General	Male	485491426635	
42	MEENA RAJWAR	LT-RAMU RAJWAR	29/162/1	SC						Female	471069441843	
43	MANOJ SHAW	DARANI SHAW	30/159						General	Male	830119325379	
44	SHYAMAL GORAIN	LT-ZADULAL GORAIN	27/99		OBC					Male	524306682709	








45	RASARAJ KANDU	LT-MADHUSUDAN KANDU	40/112						General	Male	519903927234	
46	MADHABI SAHA	LT-SISIR SAHA	4736						General	Female	228340008254	
47	BINDU KANDU	LT-GHASIRAM KANDU	12/141/1						General	Female	789650899643	
48	PARITASH GORAIN	LT-NEPAL GORAIN	44/173				OBC			Male	NT01652890	
49	BISWANATH CHOWDHURY	LT-SUBODH CHOUHDARY	58/58						General	Male	840567176705	






Chairman  
Jhaldai Municipality



55	ASHUTOSH KANDU	LT-KALIPODO KANDU	46/175						General	Male	850453618965	
56	TARU KANDU	SUDEP KANDU	46/175						General	Female	740081154263	
57	BASURI SUTRADHAR	LT- BAHUPAL SUTRADHAR	55/63			OBC				Male	536442181728	
58	KHARIRAM GHATOWAL	LT-ARUN GHATOWAL	29/162			SC				Male	489150685538	
59	BHAKTI PADA LAHIRI	LT-KALIPADO LAHIRI	39/111						General	Male	702508912102	



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Chairman  
Jhaldia Municipality

60	PRABIN MUKHERJEE	LT-AMULYA RATAN MUKHERJEE	30/163						General	Male	750345579505	
61	JOGGEYSSWAR SINGHA	LT-RAMESH SINGHA	8632						General	Male	218041269911	
62	SUBAL CHANDRA BID	LT-LALINI KANTO BID	23/95						General	Male	515435913569	
63	SANJOY KUMAR CHOUDHURY	LT-SAROJ KUMAR CHOUDHURY	33/162						General	Male	773088855489	
64	GOHALI LAHIRI	LT-GOBARDHAN LAHIRI	35/107						General	Male	785026725330	



Chairman  
Jhalda Municipality

65	KALO BARAN SWARNAKAR	LT-LAKHI NARAYAN SWARNAKAR	36/108						General	Male	6528998743697	
66	DURGA CHATTERJEE	LT- RADHAKISHORE CHATTERJEE	33/33						General	Female	492212827097	

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Chairman  
Tehsil Muntolapally

## MUNICIPALITY

PMAY (HFA-2022)






BENEFICIARY LIST OF JHALDA MUNICIPALITY OF WARD NO:- 03

RATHGORAH BUSTEE (SLUM CODE- 005)

Sl. No.	Name of Beneficiary	Father's Name/ Husband's Name	Holding No.	Category							Gender	UID No. (Voter/ Adhar/ Ration Card)	Photo	
				SC	ST	OBC	Minority	PH	EWS	General				
1	RAMKRISHNA PATHAK	CHANDAN PATHAK	9/81/A							EWS	General	Male	393767553376	
2	SASTI NAG	TAPAN KR NAG	24/201/ P			OBC				EWS		Female	865172349188	
3	BASAB BORAT	DEBIDAS BORAT	24/201/ 43							EWS	General	Male	309721814152	
4	AMBIKA BAGTI	RATAN BAGTI	42/42	SC						EWS		Female	611622478151	









Chairman  
Jhalda Municipality

5	MANIK BAGTI	LT DHANANJOY BAGTI	45/45	SC						EWS	Male	468633057672	
6	RATAN HAZRA	LT JOTI LAL HAZRA	53/53	SC						EWS	Male	397947226190	
7	MADHU SUDAN RAJWAR	GANESH RAJWAR	56/231	SC						EWS	Male	595673091346	
8	BANI DEY	HIRALAL DEY	63/234							EWS	Female	732454946464	
9	SHYAMALI SOW	W/O RAJU PRASAD SOW	30/159/ 1							EWS	Female	201079293137	









Chairman  
Jhalda Municipality






10	SHAYAM SUNDER BAGTI		36/36/1	SC					EWS	Male	206400668119	
11	KAMAL PANDEY	FANI BHUSAN PANDEY	36/36						EWS	Male	921919051710	
12	AKAN NANDI		35/35						EWS	Male	365747576416	
13	NARESH RAJWAR	LT-JAGANNATH RAJWAR	17/17	SC					EWS	Male	954864353838	
14	NISHU RAJWAR	LT JAGAT RAJWAR	8/8	SC					EWS	Female	DXG 2594596	
15	ABHIRAM MURA	SUDHIR MURA	70/240		ST				EWS	Male	588829516243	

  
Chairman  
Sraida Municipality








10	SHAYAM SUNDER BAGTI		36/36/1	SC					EWS	Male	206400668119	
11	KAMAL PANDEY	FANI BHUSAN PANDEY	36/36						EWS	Male	921919051710	
12	AKAN NANDI		35/35						EWS	Male	365747576416	
13	NARESH RAJWAR	LT-JAGANNATH RAJWAR	17/17	SC					EWS	Male	954864353838	
14	NISHU RAJWAR	LT JAGAT RAJWAR	8/8	SC					EWS	Female	DXG 2594596	
15	ABHIRAM MURA	SUDHIR MURA	70/240		ST				EWS	Male	588829516243	

  
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16	DILIP RAJWAR	LT-SRIHORI RAJWAR	16/16	SC					EWS		Male	791765331038	
17	BINOD RAJWAR		16/16	SC					EWS		Male	DXG2594679	
18	RAJU KAYAL	MIHIR KAYAL	17/17/2						EWS		Male	39853906883	
19	SEBADASI SUTRADHAR	NITAI SUTRADHAR	24/201/ 38/T				OBC		EWS		Female	751990309148	
20	LAKHI KAYAL	LT-PARESH KAYAL	17/17/1						EWS	General	Female	348321228940	






Chairman  
Jhalda Municipality

21	DHIREN CHANDRA	LT-BHAGIRATH CHANDRA	29/29						EWS	General	Male	626274495196	
22	RAMANI RAJWAR	LT-BASON RAJWAR	62/62	SC					EWS		Female	957868809831	
23	PURNIMA RAY	LT- FATIK RAY	9/9						EWS	General	Female	DXG 2594943	
24	AJAY SEN	MURULI SEN	31/208						EWS	General	Male	DXG2223808	
25	JHUNU SUTRODHAR	LT-BISHWANATH SUTRODHAR	69/248				OBC		EWS		Female	WB/34/237/162 271	






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Chairman  
Shalda Municipality


26	RAJ KUMAR RAJWAR	LT ATUL RAJWAR	40/217	SC						EWS	Male	732907455795	
27	KALPANA SUTRADHAR	LT GURUPADA SUTRADHAR	40/217/ 1		OBC					EWS	Female	518808472736	
28	CHAPA RAJWAR	LT-RADHU RAJWAR	303	SC						EWS	Female	611499500130	
29	SHAKTIPADA SOREN	LT-DURGA CHARAN SOREN	29/206/ B		ST					EWS	Male	798184398436	
30	DILIP NAG	DUKHIRAM NAG	10/140		OBC					EWS	Male	890580472051	

  
Chairman  
Jhalda Municipality



36	DWIJAPADA RAY	LT-KHUDIRAM RAY	2/74						EWS	General	Male	287661600412	
37	UMA RAJWAR	LT-KIRTAN RAJWAR	20/20	SC					EWS		Male	409311737825	
38	GOPAL PARAMANIK	LT-NANDALAL PARAMANIK	51/226/ 1		OBC				EWS		Male	809846637501	
39	JAGANNATH SEN	LT-MURULI SEN	31/208						EWS	General	Male	217119338884	
40	DAMAN LAHIRI	LT-GANESH LAHIRI	70/70						EWS	General	Male	201017928216	

  
Chairman  
Jhalda Municipality

41	SOMA CHOUDHURY	DEBABRATA CHOUDHURY	33/162					EWS	General	Female	870462720926	
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Chairman  
Ahalda Municipality

## MUNICIPALITY

PMAY (HFA- 2022)




BENEFICIARY LIST OF JHALDA MUNICIPALITY OF WARD NO:-04

KAIBARTA PARA BUSTEE (SLUM CODE- SC006)






Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category							Gender	UID NO. (Voter/ Adhar/ Ration Card)	Photo	
				SC	ST	OBC	Minority	PH	EWS	General				
1	BIFAL GORAIN	LATE	60/239/1	SC						EWS		Male	DXG2235489	
2	PRADIP KUMAR SAW	LATE SHAMBHUNATH SAW	35/33							EWS	GEN	Male	409445937275	
3	CHAINA CHANDRA	KALYAN CHANDRA	21/21							EWS	GEN	Female	564534801936	
4	BRINDABAN CHATTERJEE	LATE KAMALA KANTA CHATTERJEE	31/211							EWS	GEN	Male	DXG 2603140	

  
Chairman  
Jhalda Municipality








5	ANIMA GORAIN	LATE GUHIRAM GORAIN	16/196/1	SC					EWS		Female	WB/34/237/162178	
6	JYOTSHNA SWARNAKAR	GURUPADA SWARNAKAR	17/63						EWS	GEN	Female	668179665668	
7	MALATI SWARNAKAR	BHAGYA SWARNAKAR	74						EWS	GEN	Female	398434711388	
8	CHINTA KAIBARTA	LATE RANJIT KAIBARTA	PLOT NO- 3609	SC					EWS		Female	WB/34/237/159394	
9	SANDHAYA MODAK	ASHOK MODAK	15/195						EWS	GEN	Female	WB/34/237/162157	


  
Chairman  
Shaldia Municipality

10	BADYADHA KAIBRATYA	LT-RISHIKESH KAIBARTA	272	SC					EWS		Male	523283039852	
11	RAJESH CHANDRA	PRADYUMNA KR CHANDRA	23/23						EWS	GEN	Male	473165651338	
12	NASIN RAYEEN	LT- MD MANIR RAYEEN	9/9		OBC				EWS		Male	255246448273	
13	BELA SHAW	LT-GURUPADA SHAW	23/203						EWS	GEN	Female	DXG2236230	
14	MD PINTU	MURAD ALI	66/245		OBC				EWS		Male	691548841339	



15	USHA RANI SWARNAKAR	MAHESHWAR SWARNAKAR	HAL DAG - 4736						EWS	GEN	Female	371130610971	
16	UTTAM SWARNAKAR	RADHIKA SWARNAKAR	20/225/5 9						EWS	GEN	Male	227350713973	
17	PURNIMA CHATTARAJ	SUKUMAR CHATTARAJ	52/97						EWS	GEN	Female	NTO1651900	
18	PRANATI GHOSAL	MOHAN GHOSAL	52/256						EWS	GEN	Female	WB/34/237/162071	
19	DEBIDAS MODAK	SRISTIDAR MODAK	77/170						EWS	GEN	Male	WB/34/237/162096	

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20	RASHI GORAIN	GOBARDHAN GORAIN	16/196	SC					EWS		Female	NTO1274166	
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Chairman  
Kerala Municipality

**MUNICIPALITY**

**PMAY (HFA- 2022)**

**BENEFICIARY LIST OF JHALDA MUNICIPALITY OF WARD NO:-04**

**NON SLUM**

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category							Gender	UID NO. (Voter/ Adhar/ Ration Card)	Photo
				SC	ST	OBC	Minority	PH	EWS	General			
1	KUILA LAHIRI	LATE GHASIRAM LAHIRI	42/171						EWS	GEN	Male	WB/34/237/162048	
2	GULAM SANDANI	LATE MD HUSSAIN	6/245						EWS	GEN	Male	749183221725	
3	GULAM ZILANI	LATE MD HANIF	65/244			OBC			EWS		Male	398434711388	

  
**Chairman**  
**Jhalda Municipality**



8	ASIT CHAKROBARTY	NARAYAN CHAKROBARTY	45/255							EWS	GEN	Female	WB/34/237/162031	
9	VIKU SUTRADAR	LT-MOHIT SUTRADAR	62/135	SC						EWS		Male	536404104518	
10	UDIT CHANDRA	UMA PADA CHANDRA	46/44/1							EWS	GEN	Female	WB/34/237/159074	
11	KALI DAS KANDU	LATE BINOD KANDU	8/167							EWS	GEN	Male	WB/34/237/162280	

  
Chairman  
Jhaida Municipality





16	BAHADUR SWARNAKAR	DAMAN SWARNAKAR	28/73							EWS	GEN	Female	DXG2235034	
17	RAGHUNATH KANDU	LT-MURALI KANDU	HAL POLT- 4736							EWS	GEN	Male	WB/34/237/162233	
18	RANJIT DUTTA	PRAFULLA DUTTA	POLT NO- 4736				OBC			EWS		Male	WB/34/237/162326	
19	ASIT KAYAL	LT-BASANTA KAYAL	29/27							EWS	GEN	Female	WB/34/237/159129	







  
  
Chhatra Mandal

## MUNICIPALITY








PMAY (HFA-2022)

## BENEFICIARY LIST OF JHALDA MUNICIPALITY OF WARD NO:- 05

DERA BUSTEE (SLUM CODE- 007)








Sl. No.	Name of Beneficiary	Father's Name/ Husband's Name	Holding No.	Category							Gender	UID No. (Voter/ Adhar/ Ration Card)	Photo	
				SC	ST	OBC	Minority	PH	EWS	General				
1	RAJANI MURA	W/O L.T. KALIDAS MURA	8347		ST					EWS		Female	620215763655	
2	KANAN RAJWAR		8347	SC						EWS		Female	416473118808	
3	PARESH RAJWAR	LT SADHU RAJWAR	8347	SC						EWS		Male	WB 34 237 135399	
4	BELI BAURI	SOTOSH BAURI	8347	SC						EWS		Female	303317028743	
5	BUJU BAURI		8347	SC						EWS		Female	452648542415	
6	PUTA BAURI	LT LAMLAMPAL BAURI	8347	SC						EWS		Male	221198338830	

  
Chairman  
Jhalda Municipality

7	SABITRI RAJWAR	W/O LAT NEULA RAJWAR	8347	SC						EWS		Female	963654912331	
8	PRADIP BOURI	LT MAHISNDI BOURI	8347	SC						EWS		Male	854295683683	
9	BUDHU BOURI	LT BATIYA BOURI	8347	SC						EWS		Male	875683665271	
10	PHOLARI BOURI	LT GANDHU BOURI	8347	SC						EWS		Male	563579223337	
11	CHOMPA LOHAR	ANANDA LOHAR	8347	SC						EWS		Female	908319428716	
12	JAYA LOHAR	LT AJIT LOHAR	8347	SC						EWS		Female	630155301807	
13	BAKA BOURI	LT GOUR CHALAK BOURI	8347	SC						EWS		Male	536679860547	

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Chairman  
Jhaida Municipality

14	ANNBALA RAJWAR	LT CHAITAV RAJWAR	8347	SC					EWS	Female	911092714390	
15	KATU LOHAR		8347	SC					EWS	Male	WB 34 237 13522	
16	KAJAL CHALAK	LT KAMAL CHALAK	8347	SC					EWS	Female	755378719053	
17	RAJBALA MURA	LT KRISHTA MURA	8347	ST					EWS	Female	735990542209	
18	KIRANI BOURI		8347	SC					EWS	Female	517006189795	
19	BANU CHALAK	LT JAGAT CHALAK	8347	SC					EWS	Male	819850486675	
20	TARA CHALAK	W/O LT SHIB SHANKAR CHALAK	8347	SC					EWS	Female	332545294457	

  
Chairman  
Sharda Municipality