

ASANSOL MUNICIPAL CORPORATION

VOLUME: I

Detailed Project Report for Construction of 15000 EWS Houses

under

BLC mode of PradhanMantriAwasYojana (PMAY)-HFA (U) for

Asansol Municipal Corporation

2016-17



Submitted by

ASANSOL MUNICIPAL CORPORATION

Dist.- Burdwan, West Bengal

September, 2016

PREFACE

PradhanMantriAwas 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.PradhanMantriAwasYojana (PMAY) also aims at providing a pucca house to every family with water connection, toilet facilities, 24 X 7 electricity supply and access.

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

Total beneficiaries of the scheme are 15000 nos projected for the year 2016-17.

Total cost of the project is **Rs. 60720.00 Lakhs** per relevant department &P.W.D. schedule of rates.

Planning Core Team:

- 1) Mr.Jitendra Kr. Tiwari, Mayor, Asansol Municipal Corporation
- 2) Mr. Pralay Ray Chowdhuri, WBCS(Exe.), Commissioner, Asansol Municipal Corporation
- 3) Mr.Pralay Kr. Sarkar,WBCS(Exe.), Secretary,Asansol Municipal Corporation
- 4) Mr.SukamalMandal, Superientendent Engineer, Asansol Municipal Corporation
- 5) Mr.Shyama Prasad Mukherjee, Revenue Officer, Asansol Municipal Corporation
- 6) Mr. Rajesh Kumar Srivastava, A.E, HFA,Asansol Municipal Corporation
- 7) Mr.Santosh Kumar, A.E, Asansol Municipal Corporation
- 8) Mr. Sati Prasad Konar, A.E, Asansol Municipal Corporation
- 9) Mr.Ujjal Banerjee, A.E, Asansol Municipal Corporation
- 10) Mr.AmitChatterjee, A.E, Asansol Municipal Corporation
- 11) Mr.SantanuSinhaMahapatra, Urban Planner, Asansol Municipal Corporation
- 12) Mr.Biswanath Gupta, IT Co-ordinator, Asansol Municipal Corporation
- 13) Mr.KanchanKanti Sham, S.A.E, Asansol Municipal Corporation
- 14) Mr.IndrajitKonar , S.A.E, Asansol Municipal Corporation
- 15) Mr.KoushikSengupta , S.A.E, Asansol Municipal Corporation
- 16) Mr.Indranath Roy , Draftsman cum Estimator, Asansol Municipal Corporation
- 17) Mr.SwapanGhosh, Surveyor, Asansol Municipal Corporation

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d. Abbreviation

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

e. Working Definitions

Affordable Housing Project:	Housing Projects where 35 % of the houses are constructed for EWS category
Beneficiary	A beneficiary family will comprise husband, wife and unmarried children. The beneficiary family should not own a pucca house (an all-weather dwelling unit) either in his/her name or in the name of any member of his/her family in any part of India
Carpet Area	Area enclosed within the walls, actual area to lay carpet. This area does not include the thickness of the inner walls.
Central Nodal Agencies	Nodal Agencies identified by Ministry for the purposes of implementation of Credit Linked subsidy component of the mission
Economically Weaker Section(EWS)	EWS households are defined as households having an annual income up to Rs 3, 00,000(Rupees Three Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre
EWS House	An all-weather single unit or a unit in a multi storeyed super structure having carpet area of upto 30 sq.m. with adequate basic civic services and infrastructure services like toilet , water, electricity etc. States can determine the area of EWS as per their local needs with information to Ministry
"Floor Area Ratio" (FAR)/FSI	The quotient obtained by dividing the total covered area (plinth area) on all the floors by the area of the plot: $\text{FAR} = \frac{\text{Total covered area on all the floors} \times 100}{\text{Plot area}}$ If States/Cities have some variations in this definition, State/City definitions will be accepted under the mission
Implementing Agencies	Implementing agencies are the agencies such as Urban Local Bodies, Development Authorities, and Housing Boards etc. which are selected by State Government / SLSMC for implementing Housing for All Mission.
Low Income Group (LIG)	LIG households are defined as households having an annual income between Rs.3, 00,000 (Rupees Three Lakhs One) up to Rs.6, 00,000 (Rupees Six Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.
Primary Lending Institutions (PLI)	Scheduled Commercial Banks, Housing Finance Companies, Regional Rural Banks (RRBs), State Cooperative Banks, Urban Cooperative Banks or any other institutions as may be identified by the Ministry
Slum	A compact area of at least 300 population or about 60-70 households of poorly built congested tenements, in unhygienic environment usually with inadequate infrastructure and lacking in proper sanitary and drinking water facilities.
State Land Nodal Agencies (SLNAs)	Nodal Agency designated by the State Governments for implementing the Mission
Transfer of Development Rights (TDR)	TDR means making available certain amount of additional built up area in lieu of the area relinquished or surrendered by the owner of the land, so that he can use extra built up area himself in some other land.

Town features

The Asansol Urban Area comprises of four major urban centers: Asansol, Raniganj, Kulti and Jamuria. These centers form one of West Bengal's major industrial and urban regions and is a part of Bardhaman District. The region is spread over an area of 326.48 sq. km with a population of 11,56,387 (as per Census 2011).

The region has substantial mineral resources, excellent connectivity, skilled labour force and a dynamic institutional framework. Over the years, considerable amount of development activity has been taken up by Asansol Municipal Corporation. The region has experienced a high level of economic and population growth and has emerged as an important urban industrial centre of the country.

Asansol is a Municipal Corporation city in the district of Bardhaman, West Bengal. The Asansol city is divided into 106 wards for which elections are held every 5 years. The Asansol Municipal Corporation has population of 11,56,387 of which 6,00,537 are male while 5,55,850 are female as per report released by Census India 2011.

Population of Children with age of 0-6 is 1,30,815 which is 11.31 % of total population of Asansol Municipal Corporation. In Asansol Municipal Corporation, Female Sex Ratio is of 929, against state average of 950. Moreover Child Sex Ratio in Asansol is around 922 compared to West Bengal state average of 956. Literacy rate of Asansol city is 70.11 % compared to state average of 76.26 %. In Asansol, Male literacy is around 75.68 % while female literacy rate is 64.10 %.

Asansol Municipal Corporation has total administration over 2,25,350 houses to which it supplies basic amenities like water and sewerage. It is also authorized to build roads within Municipal Corporation limits and impose taxes on properties coming under its jurisdiction.

The region had a phenomenal decadal growth of over 13.99% in 2011 over 2001. Mining and wholesale trade and commerce dominate the economic activity in the region. The major impetus to the economic growth has been the availability of cost effective power, raw material, cheap and skilled labour, adequate water supply as well as strong connectivity with Kolkata. Agriculture has been limited in the area due to low productivity of agricultural land in the region. Industry has been growing steadily till 1996, after which there has been a slump in growth. However with growth in urban population and scaling up of activities, there has been substantial stress on the available infrastructure. The region has reached a strategic threshold in terms of concentration of population, education, and job opportunities that is favourable for future growth. Further development is contingent on the ability of the region to develop urban infrastructure correspondingly. The region has had a phenomenal decadal growth of over 13.99% in 2011 over 2001. The major impetus to the economic growth has been the availability of cost effective power, raw material, cheap and skilled labour, adequate water supply as well as strong connectivity with Kolkata.

Table1.3.1 Break-up of Population

Sl. No	Town	Population			Growth rate (2001-2011)
		Male	Female	Total	
1	Asansol	292387	271530	563917	18.61%
2	Jamuria	77379	71841	149220	15.27%
3	Kulti	163193	150616	313809	8.58%
4	Raniganj	67578	61863	129441	16.49%
5	Total	600537	555850	1156387	

Source: census 2011

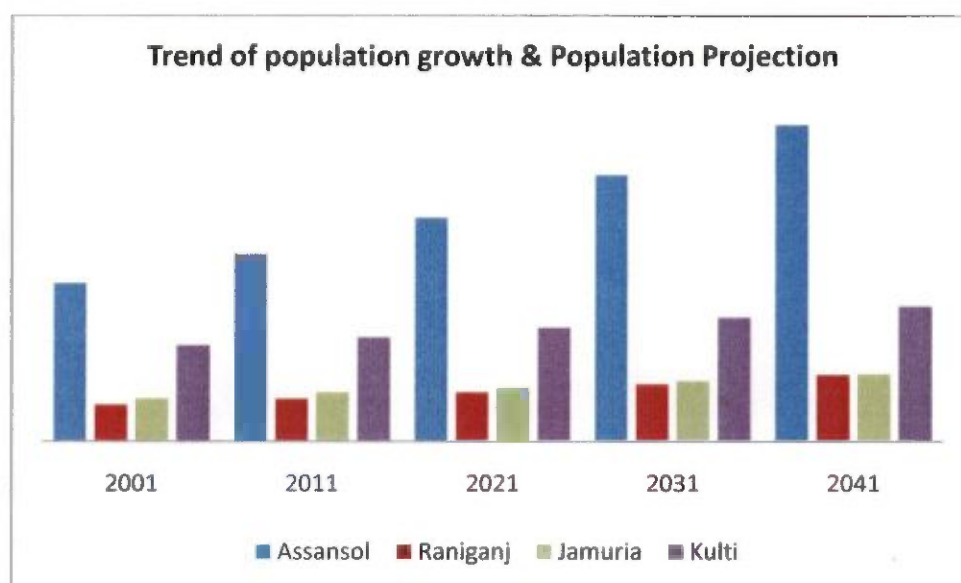
1. 4: DEMOGRAPHIC GROWTH AND POPULATION PROJECTION

Population projection of the Corporation area has been shown in the following section. The trend of population projection has been made using Natural growth trend.

Table 1.4.4Trend of population growth & Population Projection

Name of ULB	2001	2011	2021	2031	2041
Assansol	475439	563917	671061	798563	950290
Raniganj	111116	129441	150152	174176	202045
Jamuria	129456	149220	162709	182234	204102
Kulti	289000	313809	342260	373063	406639
Total	1007012	1156387	1328203	1530067	1765117

Figure 1.4.1 Trend of population growth & Population Projection (based on Natural Growth Trend)



Source: UDPFI Guidelines and projections, AMC 2015

1.5. Housing and Physical Infrastructure profile

Socio-economic Survey conducted by the Corporation shows that people living in these slums do not have access to basic amenities of life. It is because of non-development of basic infrastructure development has been the first priority in this area.

It appears from the household survey slum dwellers own shacks, Kuchha and temporary house which are mostly in wretched and dilapidated state. After identification of such house, new housing accommodation has been proposed under BSUP and existing other government supported programmes.

Housing - It appears from the household survey slum dwellers own shacks, Kuchha and temporary house which are mostly in wretched and dilapidated state. After identification of such house, new housing accommodation has been proposed under BSUP and existing other government supported programmes.

1.6. Assessment of Present Status of Slums

In terms of available socio economic and demographic profile and infrastructure facilities i.e. road, drain, drinking water supply, sanitation, solid waste management, drinking water facilities etc. the status is not good. Survey data analysis for the urban areas reveals the following socio economic and demographic profile of slum households of the municipal area.

Social security measures available with the slums households in majority for the 4 urban areas. Many of them do not possess *Adhar*.

1.6.1. Slum Profile and its Location

The land tenure status of the slum households given in the following table shows that majority of the households possesses land.

All the identified slums are tenable and no separate plan for rehabilitation and resettlement is required.

Municipal level stakeholders' consultation has agreed upon need for new construction of housing infrastructure in the slum areas and came in a consensus on the topic.

The demand survey has identified that all the households possess basic identity proofs i.e. EPIC card, ADHAR card and Bank Account. All the households mentioned that they are living in the municipal area for more than 5 years'. Majority of the households has opted for building their own house.

1.7. Tenability Analysis

- **Tenable slums**

All the slums are tuneable in the Asansol Municipal Corporation.

- **Untenable Slums and Strategy for slum resettlement if any**

None of the slums exists in the urban areas needs relocation and or resettlement of slum dwellers.

2. Assessment of Existing and likely Future Housing Shortage

Ownership, structure and slum area as well as non slum area wise requirements are as follows:

Table 2.1.1 Assessment of Existing and likely Future Housing Shortage

Area Type	in Nos	in %
Non Slum Area	63282	63.13
Slum Area	36966	36.87
Grand Total	100248	100.00

Source: Deamand survey 2015

The demand survey shows housing construction requirements at the urban areas:

While keeping in mind the land either possessed by themselves and or belonging to public limited companies and the type of house is either semi pucca or kutcha, the housing requirements for the urban area is as follows:

Table 2.1.2 Yearwise allocation in Slums

Year	Total		
	No of slums	No of HHs	Amt. (Rs. In Crores)
2015-16	-	-	-
2016-17	1118	12922	193.83
2017-18	1118	20256	303.84
2018-19	1118	9964	149.46
2019-20	1118	8056	120.84
2020-21	1118	12084	181.26
2021-22	-	-	-
Total		63282	949.23

Source: Gap analysis using Demand survey 2016

Table 2.1.3 Yearwise allocation for Other Urban Poor based on demand Survey

Year	Total		
	No of slums	No of HHs	Amt. (Rs. In Crores)
2015-16	-	-	-
2016-17	1118	2122	32.14
2017-18	1118	12668	200.07
2018-19	1118	7395	116.11
2019-20	1118	7395	116.11
2020-21	1118	7386	115.97
2021-22	-	-	-
Total		36966	580.40

Source: Gap analysis using Demand survey 2016

2.2. Existing Housing Shortage

The following table shows that there is an urgent housing requirement of houses in the urban areas. Urban area wise housing requirements at a glance is as follows:

Table 2.2.1 Housing shortage

Urban area	Affordable Housing in Partnership	Credit Link Subsidy	Self construction	Grand Total
Asansol urban Area	-	3700	96548	100248

Source: Demand survey 2016

The following table shows that there is an urgent housing requirement of houses in the non-slum areas.

2.3. Likely future Housing Shortage

The following table shows the future requirement of housing in the urban area:

Table 2.3.1: Likely future Housing Shortage

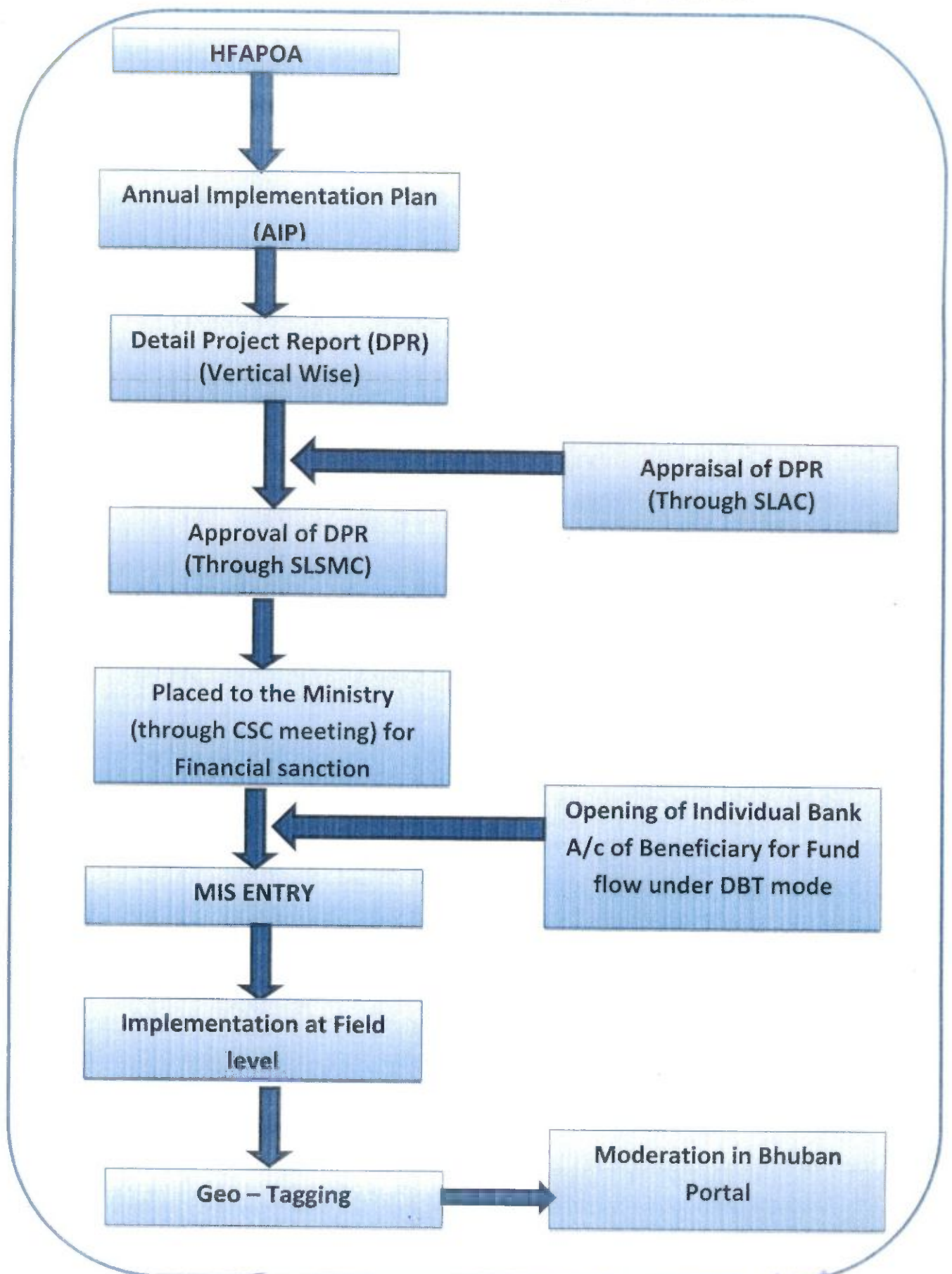
Year	Future projected urban Poor HHS
2015-16	-
2016-17	15044
2017-18	32924
2018-19	17359
2019-20	15451
2020-21	19470
2021-22	-
Total	100248

Source: ULB 2016

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

1. Annual Implementation Plan (AIP)
2. Detail Project Report (DPR)
3. Approval of Detail Project Report (DPR)
4. Opening of Individual Bank A/c of Beneficiary for DBT
5. MIS ENTRY
6. Geo – Tagging
7. Moderation in Bhuvan Portal

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



K. Mahapatra
Asansol Municipal Corporation

[Signature]
Superintending Engineer
Asansol Municipal Corporation

[Signature]
Mayor
Asansol Municipal Corporation

Annexure-7C'
(Para 14.5 of the Guidelines)
Format for Project under Beneficiary led Construction

1	Name of the State	WEST BENGAL						
2	Name of the City	ASANSOL						
3	Project Name	HOUSING FOR ALL						
4	Project Code							
5	State Level Nodal Agency	SUDA						
6	Implementing Agency / ULB	ASANSOL MUNICIPAL CORPORATION						
7	Date of approval by State Level sanctioning and Monitoring Committee (SLSMC)							
8	No. of locations covered in project	Name of Location	No. of beneficiary	Whether Slum (Y/N)	if yes, 1 if notified, 2 if recognised and 3	if slum, whether it gets completely rehabilitated		
9	Project Cost	60720.00						
10	No of Beneficiaries covered in the project	Gen	SC	ST	OBC	Total	Minority	Person with Disability
11	Whether beneficiary have been selected as PMAY guideline? (Yes/No)	8498	3925	901	1676	15000	0	N/A
12	No. of houses constructed / acquired Please specify ownership (any of these)	YES						
13	No. of beneficiaries covered in project	Joint (01)	Female (02)	Male(03)	Transgender (4)			
14	Whether it has been ensured that selected beneficiaries have rightful ownership of the land	Male(01)	Female (02)	Transgender (03)				
15	Whether building plan for all houses have been approved	10634	4366					
16	(i) Govt grant required (Rs. 1.5 lakh per eligible beneficiary) (Rs in Lakhs)	YES						
17	(ii) State grant, if any (Rs. in lakhs)	22500.00						
18	(iii) ULB grant, if any (Rs. in Lakh)	31710.00						
19	(iv) Beneficiary Share (Rs.in lakhs)	2760.00						
20	Total (Rs.in lakh)	3750.00						
21	Whether technical specification/ design for housing have been ensured as per Indian Standards/NBC/ State norms.	60720.00						
22	Whether it has been ensured that balance cost of construction is tied up with State grant, ULB grant & beneficiary share?	YES						
23	Whether trunk and line infrastructure is existing or being provisioned	YES						
24	(i) Water Supply (Yes/ No)	YES						
25	(ii) Sewerage (Yes / No)	NO						
26	(iii) Road (Yes / No)	YES						
27	(iv) Storm Water Drain (yes/no)	YES						
28	(v) External Electrification (Yes/No)	YES						
29	(vi) Solid Waste Management (Yes/No)	YES						
30	(vii) Any other, specify	YES						
31	(viii) In case, any infuture has not been proposed, reasons thereof							
32	Whether disaster (earthquake, flood, cyclone landslide etc) resistance features have been adopted in concept, design and implementation?	YES						
33	Whether Demand Survey completed for entire city?	YES						
34	Whether city-wide integrated project have been formulated? If not, reasons thereof.							
35	Whether validation with SECC data for housing conditions conducted?	YES						
36	Whether Direct Benefit Transfer (DBT) of fund to individual bank account of beneficiary ensured in the project?	YES						
37	Whether there is provision in DPR for tracking/ monitoring the progress of individual houses through geo-tagged photographs?	YES						
38	Whether any innovation/cost effective/Green technology adopted in the project?	YES						
39	Comments of SLAC after techno economic appraisal of DPR.							
40	Brief of project, including any other information ULB/State would like to furnish.							

*State will give code number to each project sanctioned under HFA as 'ABCDEF GHIJKLM'

It is hereby confirmed that State /UT/ and ULB have checked all the beneficiaries as per guideline of HFA. It is also submitted that no beneficiary has been

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

Signature
(State Level Nodal Officer)

Signature
(Secretary / Principal Secretary, Concerned Department)

Superintending Engineer:
Asansol Municipal Corporation.

Asansol Municipal Corporation

EXECUTIVE SUMMARY

Project Details

1	State	West Bengal
2	City	Asansol Municipal Corporation
3	Project Name	Pradhan Mantri Awas Yojana Housing for All (Urban)
4	Project Cost	60720.00
5	Central Share	22500
6	State Share	31710
7	ULB Share	2760
8	Beneficiary Share	3750
9	Total Infrastructure cost	5520
10	Percentage of Infrastructure cost of Beneficiary-led Individual House Construction Cost	10 %
11	Infrastructure cost per dwelling unit	0.368
12	Year of Implementation	2016-17
13	Component Housing construction	Beneficiary Led Construction (BLC)
14	SOR Adopted	PWD (WB) w.e.f 1.7.14 with current corrigendum.

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

Sl No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share (@ Rs. 1.5 Lac/D.U.)	State Govt. Share (@Rs.1.93 Lac/D.U.)	ULB Share	Estimated Loan (@ Rs. 3.8 Lac/D.U.)	Beneficiaries Share (@ Rs. 0.25 Lac/D.U.)
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A. HOUSING

I. Beneficiary-led Individual House Construction or Enhancement (BLC)

1	New in-situ											
	Single storied units		15000	Nos.	368000	55200	55200	22500	28950	0	0	3750
	Total (I)					55200	55200	22500	28950	0	0	3750

[Signature]
 Pradhan Mantri Awas Yojana
 Asansol Municipal Corporation

[Signature]
 Superintending Engineer
 Asansol Municipal Corporation

[Signature]
 Mayor
 Asansol Municipal Corporation

B. INFRASTRUCTURE												
Sl No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share (in lakh)	State Govt. Share (@ 50%) (in lakh)	ULB Share (@ 50%) (in lakh)	Estimated Loan (@ Rs. 3.8 Lakh) (in lakh)	Beneficiaries Share (in lakh)
1	Roads											
i	BT Roads	Bituminous	821395.61	Sqm	612.00	5026.94	0.00	0.00	2513.47	2513.47	0.00	0.00
ii	CC Roads	Cement Concrete	10011.53	Mtr	4097.00	410.17	5520.00	0.00	205.09	205.09	0.00	0.00
2	Water Supply											
i	Pipeline (Dist.)	100 mm dia. Dist. (DI)	1892.00	Mtr	1249.00	23.63	0.00	0.00	11.82	11.82	0.00	0.00
3	Storm Water Drains											
i	Drainage (M) (Section -300x300)	Brick Masonry	892.00	Mtr	2297.00	20.49	0.00	0.00	10.24	10.24	0.00	0.00
i	Drainage (M) (Section -400x400)	Brick Masonry	688.00	Mtr	2817.00	19.38	0.00	0.00	9.69	9.69	0.00	0.00
i	Drainage (M) (Section -450x600)	Brick Masonry	531.00	Mtr	3651.00	19.39	0.00	0.00	9.69	9.69	0.00	0.00
Total Infrastructure Cost Sub Total (B)						5520.00	5520.00	0.00	2760.00	2760.00	0.00	0.00
Grand Total (A+B)						60720.00	60720.00	22500.00	31710.00	2760.00	0.00	3750.00

Signature of the ULB Level Competent Technical officer

Name & Designation:

Address:

Fax No: + 91-33-

Telephone No.: + 91-33-

Mobile No.:

E-mail:

Signature of the State Level Nodal Officer

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

Director, SUDA

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Mobile No.: (0) 9830031488

E-Mail: wbsudare@gmail.com

(Signature)
WBSUDARE
WBSUDARE
WBSUDARE

Signature of the State Level Competent Technical Officer

Name & Designation: *(Signature)*
Deputy Commissioner, Municipal Engineering Dept, Govt. of West Bengal

Address: Bikash Bhawan, South Block, 1st Floor, Salt Lake, Kolkata - 7000 91

Fax No: +91- 33- 23375474

Telephone No.: +91-33-23371331

Mobile No.: (0)9475625219

E-mail: ce_medite@yahoo.com

Signature of the Chairman / CEO/Commissioner of ULB/ Implementing Agency

Name & Designation:

Chairman, Asansol Municipal Corporation

Address:

Fax No.:

Telephone No.:

Mobile No.:

E-mail No.:

(Signature)
Superintending Engineer
Asansol Municipal Corporation

(Signature)

Asansol Municipal Corporation

FUND FLOW PATTERN

Rupees in lakhs							
NAME OF THE SCHEME	ESTIMATED COST	YEAR 2016-17					TOTAL
		GOI	GOWB	ULB	Beneficiaries	Estimated Loan of Beneficiary	
PMAY project - , Asansol Municipal Corporation	60984.00	22596.80	31710.00	2760.00	3750.00	167.20	60984.00
							0

PHASING OF FUND

Rupees in lakhs						
RELEASE OF FUND						
YEAR 2016-17	GOI	GOWB	ULB	Beneficiaries	Estimated Loan of Beneficiary	TOTAL
1st Installment @ 40%	9038.72	12684.00	1104.00	3750.00	167.20	26743.92
2nd Installment @ 40%	9038.72	12684.00	1104.00	0.00	0.00	22826.72
3rd Installment @ 20%	4519.36	6342.00	552.00	0.00	0.00	11413.36
TOTAL	22596.80	31710.00	2760.00	3750.00	167.20	60984.00

REQUIREMENT OF FUND

Rupees in lakhs

SL. NO	NAME OF THE SCHEME	YEAR 2016-17	TOTAL
1	PMAY project - , Asansol Municipal Corporation	60984.00	60984.00
Total		60984.00	60984.00

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

Pradhan Mantri Awas Yojana Housing For All (Urban)

Total Covered Area- 32.58 sq.m (With Electrical Works)

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

Floor Area 25.77 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm . SOR, PWD, P-1, I -2 a	13.000	%cu.m.	12047.00	1566.11
2	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete.(Payment to be made on the basis of measurement of finished quantity of work) a) With earth obtained from excavation of foundation. SOR, PWD, P-1, T/3 a	11.120	%cu.m.	7831.00	870.81

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(Signature)
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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
3	Supplying Laying Polithin Sheets etc. SOR, PWD, P-45, T - 13	22.000	sqm	25.00	550.00
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering.a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety SOR, PWD, Page 24 ; Item -10 a	3.500	cu.m.	5823.00	20380.50
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete. SOR, PWD, P-45, T-12	6.810	sqm,	297.00	2022.57
6	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. b) In super structure SOR, PWD, P-29, T -22(a), (b)	10.430 15.240	cum cum	5719.00 5943.00	59649.17 90571.32
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor SOR, PWD, P-73, I -29	23.220	sq.m.	783.00	18181.26
8	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety SOR, PWD, P-14, T -7(i)	3.940	cu.m.	6851.66	26995.54

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
9	Reinforcements for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16G black annealed wire at every inter-section, complete as per drawing and direction. (a) For works in foundation, basement and upto roof of ground floor / upto 4m. (i) Tor steel/Mild steel. SOR, PWD, P-27, T -15(i)	0.309	MT	60705.93	18775.74
10	Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor). (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.) SOR, PWD, P-66, T -12(a)				
	25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M ²	360.00	13342.68
11	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary . In ground floor. A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster SOR, PWD, P-151, T -2 (i)(b)	116.940	sq.m.	181.00	21166.14

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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	b) Out side Wall, 15mm th. SOR, PWD, P-151, I -2 (i)(c)	111.950	sq.m.	156.00	17464.20
	B)10mm th ceiling plaster (4:1) SOR, PWD, P-151, I -2 (i)(c)	23.330	sq.m.	140.00	3266.20
12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. SOR, PWD, P-152, I -8	26.700	sq.m.	38.00	1014.60
13	Artificial stone in floor,dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick SOR, PWD, P-40, I -3 (i)	26.490	sq.m.	265.00	7019.85
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1)a fitted and fixed omplete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) SOR, PWD, P-90, I -18 (c)	34	each	22.00	748.00

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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood SOR, PWD, P-85, T -1(i)	0.213	cu.m.	46171.00	9834.42
16	Panel Shutter of door & Window (each Panel Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panel of size 30 to 45 cm. Other Local wood SOR, PWD, P-105, I -84 (iv)c	8.520	sq.m.	1567.00	13350.84
17	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a)75mm x 47mm x 1.70mm SOR, PWD, P-91, T -20(iv)	32.000	each	34.00	1088.00
18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia SOR, PWDP-93, I-25,c	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats SOR, PWD, P-155, I -3 (b)	124.960	%sq.m.	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothing surface thoroughly external surface One Coat SOR, PWD, P-155, I -4(ii)(a)	100.560	%sq.m.	1514.00	1522.48

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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand papering etc. 1) On timber surface SOR, PWD, P - 162, I - 7(a) 2) On Steel Surface SOR, PWD, P - 162, I - 7(b)	21.690 2.700	sq.m. sq.m.	41.00 31.00	889.29 83.70
22	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : With super gloss (hi-gloss)- With any shade except white. a) On timber or plastered surface Two Coats b) On Steel surface Two Coats SOR, PWD, P - 162, - 8A(aii), (bii)	21.690 2.700	sq.m. sq.m.	89.00 86.00	1930.41 232.20
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm diad with center bolt and round fitting. 300 mm long SOR, PWD, P-93, I - 27c	2.000	each	193.00	386.00
24	Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item will not be issued by deptt. SOR, PWD, P-32, I - 38 (b)	1.690	sq.m.	351.00	593.19

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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
25	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete. P-173, I-21 A (ii), C(ii), D(ii) SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)				
	i) UPVC Pipe 110 mm dia	3.000	Mtr.	291.00	873.00
	ii) UPVC Bend 87.5 degree 110 mm dia	2.000	each	162.00	324.00
	iii) UPVC Shoe 110 mm	1.000	each	128.00	128.00
26	M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. Grill weighing 10 kg/sq m to 16 kg/m2 SOR, PWD, P - 76, I - 10 (i) (2.70sqm @ 10.5kg per sqm = 28.35 kg)	0.284	Qntl	8247.00	2342.15
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied ,fitted and fixed in position (excluding cost of concrete for fixing). 450 mm long SOR, PWD, (Sanitary) P - 65, I - 1 (iii)	1.000	each	1062.00	1062.00
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including adding colour as necessary. SOR, PWD, (Sanitary) P - 66, I - 9	1.000	Pair	70.00	70.00

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SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
29	Supplying, fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed surface. S Trap 100 mm SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)	1.000	each	923.00	923.00
30	Supplying, fitting fixing CI Round Gratings 150mm dia SOR, PWD, (Sanitary) P - 55, I - 18(ii)	1.000	Each	100.00	100.00
	Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement mortar (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 75mm. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plastering and neat cement punning on top of the slab and making hooking arrangement on slab for lifting of the slab if require as well as jointing the connection with the inspection pit (450 x 450) covered with 50mm thick RCC slab (4:2:1) with stone chips and necessary reinforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder earth including supplying fitting fixing fibre glass pan P-tap & polythene pipe as per requirement to connect with the inspection pit complete with all respect as per direction of EIC. (ANNEXURE-II)	1	Item	7544.00	7544.00
	TOTAL AMOUNT		Rs.		350000.36
	Say		Rs.		350000.00
	Add for Electrical Works (ANNEXURE-I)		Rs.		17858.00
	TOTAL AMOUNT		Rs.		367858.00
(Rupees Three lakh Sixty seven thousand Eight hundred & Fifty eight only)					

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

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Superintending Engineer
Asansol Municipal Corporation

Asansol Municipal Corporation

Mayor
Asansol Municipal Corporation

ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY

(ANNEXURE-I)

Sl.No	Item of works	Unit	Rate	Quantity	Amount
1	Supplying & fitting polythene pipe complete with fittings as necessary. Under ceiling /beam/bound with 22SWG GI wire inclusive S & Drawing 1x18 SWG GI wire as fish wire inside the pipe & fittings and providing 55 mm dia disc of MS sheet (20SWG) having colour paint at one face first ended at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction) 19 mm dia 3 mm thick polythene pipe	RM	39.00	25.00	975.00
2	Powerckt wiring supplying and drawing 1 : 1KV grade single core stranded FR PVC insulated & unseathed single core stranded Copper wire (Finolex make) 2 x 2.5 sqmm (PH & N) +1x1.5 sqmm (ECC) per laid polythene pipe and by the prelaidd GI fish wire & making necessary connections as required.	RM	76.00	50.00	3800.00
3	Concealed Distribution wiring in in 2x1.5 sqmm single core standard *FR* insulated and unseathed cop per wire Finolex make & 1x1.5 sq mm single core stranded PVC insulated and unseathed cop per (Finolex make) wire used as ECC in 19 mm bore 3 mm thk. polythene pipe complete with all accessories embedded in wall smooth run to light / fan/call bell point with pino key type switchb (6 Amps) (Anchor make) fixed on sheet metal (16 SWG) Switch Board with bakelite/ perspex (wall matching colour) Top cover (3 mm thick) flushed in wall including mending all good damages to original finish Average per point 6.00 mt.	points	828.00	10.00	8280.00
4	Deistribution concealed wiring with 2x1.5 sq mm (PH & N) single core stranded FR PVC insulated & unseathed single core stranded 1.1 KV grade Copper Wire (finolex) & 1x1.5 sq mm (ECC) single core stranded (PH & N) 1.1 KV grade cu wire (finolex) & 1 x 1.5 sq mm single core stranded PVC insulated & unseathed cu wire (finolex) used as ECC in 19 mm bore, 3 mm thick polythene pipe complete with all accessories embedded in wall 250 volt 5 amp 3 pin plug point including S & F 250 Volt 5 amp 3 pin flush type plug socket & piano key type switch (Anchor make) on existing switch board as mentioned sl. no.3	points	76.00	2.00	152.00

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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
SL.No.	Item of works	Unit	Rate	Quantity	Amount
6	Supplying Delivery & instalation on wall of 30/32 amp DP MCB of Havel's make with enclosed box along with all its necessary 1 connection complete. (Anchor)	nos	808.00	2	1616.00
7	Earthing in soft soil with 50 mm dia GI pipe (TATA make Medium) 3.64 mm th. X 3.04 Mtr long and 1 x 4 SWG GI (hot dip) wire (4 m long) 13 mm dia 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
	Rupees Thirteen Thousand Eight Hundred Seventy Eight Only				17858.00

Detailed Estimate for Single Dwelling unit
Floor area 25.36 sqm Built up area 32.18 sqm

Sl.no.	C/L of main outer wall	4.65					125 mm Partitionwall		Varandah C/L
							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							
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	m ³	
	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	0.225				
		4.724	0.4	0.225	0.43		0.43		
	Varanda	1.425	0.4	0.225	0.13		0.13		
					0.88		0.88		

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Sl. No.	Particulars	0.5	0.9	0.075	0.034	m ³				
2	Soling									
		24.375	0.75		18.281					
		11.45	0.4		4.58					
					22.861					
3	Polythene sheet									
		2.575	3.125		8.047					
		2.875	2.625		7.547					
		2	1.65		3.3					
	passage	0.625	2.375		1.484					
	Bath&WC	2.7	0.9		2.43					
	Varndah	1.025	0.6		0.615					
	Step	0.9	0.5		0.45					
					23.873					
4	Jhama concrete									
			18.28	0.075	1.371					
			4.58	0.075	0.344					
			23.93	0.075	1.795					
					3.51					
5	Earth work in filling 1/5 excavation									
			13.715	5	2.743					
			23.48	0.375	8.805					
					11.548	m ³				

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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			
	I	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	0.25	0.523	0.235	
	Kit	5.224	0.25		0.525	0.686	
	Vard	1.925	0.25		0.525	0.253	
	Steps		0.5	0.9	0.15	0.068	
			0.25	0.9	0.15	0.034	
						10.427 m³	
7	DPC	23.5					
		1.125					
		24.625		0.25		6.156	
		3.125					
		1.8					
		5.224					
		10.149		0.125		1.269	
						7.425	
	Less		0.9	0.25	0.225		

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Kit			2.125	2.75	5.844				
			1.65	2.75	4.5375				
			1.45	2.65	3.8425				
	2		0.9	2.1	3.78				
						26.12875			
Less opening									
	1	0.9	0.9						
	3	0.75	2.25						
			3.15	2.1	6.615				
Lintel									
	1	1.3	1.3						
	1	1.025	1.025						
			2.325	0.1	0.2325				
					6.8475				
						19.28125			
Parapet									
	23.5			0.15		3.525			
						22.806			
passeege		0.75		0.55		0.4125			
						23.219	sqm		
10									
Conc M-20									
Roof slab									
32.15	1.1475		31.003		0.1	3.1			
Beam			3.625	0.25	0.15	0.136			
			2.575	0.25		0.1	0.064		
Lintel								3.301	
DI	1	1.525		1.525					
W1	4	1.2		4.8					

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	W2	1	1.05		1.05														
	WO2	1	3.05		3.05														
	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														
	Chaja																		
	W1	4	1.2		4.8														
	W2	1	1.03		1.03														
	D1	1	1.275		1.275														
	WO2	1	3.05		3.05														
11	Reinforcement																		
		3.866			0.80%	1													
12	Shuttering																		
	31	23.5			1.125														
					24.63														
	31																		
	Side beam				3.125														
					2	2.325													
	side slab				1	25.3													
	Lintel				1					0.9	0.25								
					1	1.525					0.1								

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Inside 20 mm th.		2	2.7	3.125	2.75	32.038			
		2	2.875	2.625	2.75	30.25			
		2	2	1.65	2.75	20.075			
		2	2.075		2.75	11.413			
	Above lintel								
		1	0.75		0.65	0.488			
	Bath								
		2	0.9		2.75	4.95			
	WC								
		1	2.95		2.75	8.113			
		1	2.25		2.75	6.188			
		4	2.2		0.9	7.92			
	T. 125 wall								
		2	0.9		0.125	0.225			
						121.658			
	Open out side less								
		3	0.75		2.1	4.725			
						(-)			
						4.725			
	Celling Plaster					116.933	sqm		
						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				

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		2	2.875	5.825	0.1	1.165	Sqm		
		2		2.625					
		2		5.5	0.1	1.1	Sqm		
	Kitchen		2	1.65					
		2		3.65	0.45	3.285	Sqm		
		1		1.65	0.45	0.743	Sqm		
		2		2.075	0.1	0.415	Sqm		
	Varanda			1.775	0.1	0.178	Sqm		
	step WC	1		3	0.45	1.35	Sqm		
	Bath			3.5	2	7	Sqm		
				0.75	0.1	0.075	Sqm		
	In side punning						15.31	15.31	
	Total							26.695	Sqm
15	Art. Stone flooring								
	Floor area					25.37	sqm		
	Step	2	0.9	0.25		0.45			
	W1	4	0.9	0.1		0.36			
	W2	1	0.75	0.1		0.075			
	W3	3	0.75	0.1		0.225			
							26.48	Sqm	
16	Ms Clamp for door & window								
	D1+D2	4		6		24			
	W1+W2	5		2		10			
								34 nos.	
17	Wood work in Door & window frame								
	D1	2	5.1	10.2					
	D2	2	4.95	9.9					
	W1	4	3.6	14.4					

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18	W2		1	3.3	3.3	0.075	0.075	0.213	m ³	
	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+Celling Plaster- inside punning									
				116.933	23.33		15.31		124.953	sqm
22	Colour wash									
	Out side Plaster- out side punning									
				111.953	11.385				100.568	sqm
23	Priming on timber sutface									
		2	2	0.9	2.1			7.56		

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		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				
					@12K-g/sqm		32.4	Kg	
26	Priming on Steel surface						2.7	sqm	
27	Painting best quality on steel surface						2.7	sqm	
	same sl.no. 24								
28	R.C.C. Shelf								
		1.75	0.5				0.875	sqm	
29	Roof treatment with cow dang								
					32.18				
	Deduct	1.14	(varanda)		1.14				
	Cornice	25	0.125		3.125				
					27.915		27.915	sqm	

Cost Estimate for 2 Nos Leach Pit for single unit Dwelling Unit
P.W.D Schedule of Rates effect from 1st July 2014

(ANNEXURE-II)

Sl No	Description of Items	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom boiling out water aqs required complete . Depth of excavation not existing 1500mm P.No-1, I-2(a)	2.500	%Cu.M	12047.00	301.18
2	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. (a) 6:3:1 proportion. In ground floor and foundation	0.050	Cu.M	5803.06	290.15
3	Brick work with 1st class bricks in cement mortar (6 : 1). a) In foundation & Plinth P.no-29, I-21(a)	0.010	Cu.M	5719.00	57.19
4	125 mm. thick brick work with 1st class bricks in cement mortar (4 : 1) G.Floor P.no-31, I-29	3.000	SqM	714.00	2,142.00
5	Controlled Cement concrete with well graded stone chips (20 - mm nominal size) excluding shuttering and reinforcement with complete design of concrete as per I : 456 and relevant special publications submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in charge Consumption of cement will not be less than 300 Kg of cement -with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on- the basis of preliminary test and job mix formula. -I n ground floor and foundation. [Using concrete mixture] M 20 Grade P.no-12, I-6(a)	0.145	Cu.M	6871.54	996.37
6	Reinforcement for reinforced concrete work in all sorts of structures incl. Distribution bars, stirrups, binder etc. incl. supply of rods, initial straightening & removal of loose rust (if necessary), cutting to requisite length, hooking etc P.no-27, I-15(a)(i)	0.010	M.T	68508.00	685.08
7	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete.				

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	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)(ii)	2.000	Each	162.00	324.00
8	Jaffri brick work 125 mm. thick with 1st class bricks in cement mortar (4:1) including 12 mm. thick cement plaster (4:1) in all faces in ground floor P.no-32, I-35	2.000	SqM	792.00	1,584.00
Cost of 2 no leach pit					7,543.97
				Total=	7,544.00

Rate Analysis
Brick Work 4:1 in foundation & plinth

Step - 1	Schedule Rate	Rs	6068.00(A)
Step - 2	Deduct cost of cement=(Quantity 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(Quantity 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 Concrete 1:1.5:3

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

Rate Analysis
P.C.C 1:3:6 With Jhama Khao

Step - 1	Schedule Rate	Rs	5803.00 (A)
Step - 2	Deduct cost of cement=(Quantity of cement)x(lissue rate of cement vide item no-1 column-4 Table 1-1 of Annexure-1 0.16x8100	Rs	1296.00(B)
Step - 3	Add cost of cement supplied by cost contractor including 10% profite = 1.1x(Quantity of cement)x(Basik price of cement vide item no -1 column- 5 table-1-1 of annexure -1 1.1x.16x7364	Rs	1296.06 (C.)
	Note:- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D	Rs	5803.06 (D)

Annexure - II

Format - A

(Format for Rate Analysis of Cement Concrete Item)

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

(i) Pakur Variety

Consumption of Stone aggregate (Page B-59)

20 mm = 0.573 Cum
10 mm = 0.287 Cum
10 Km

Distance of site considered =

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

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

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4	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes P.no-24, I-10(a)	1.00	2.5	0.125	0.313	Cu.M	6802.74	2,125.86
5	Brick edging 75 mm. wide with picked jhama bricks, laid true to line and level including cutting necessary trench in soil or in hard metal 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	%Mr	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 Municipal /Corporation Rules for such 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

ASANSOL MUNICIPAL CORPORATION**ESTIMATE FOR CONSTRUCTION OF CLOSED EUCALYPTUS BULLAH PILLING WITH EARTH FILLING WITH CEMENT BAG WALLING & EARTH FILLING FOR PROTECTING ROADS UNDER RAY PROJECT OF ASANSOL MUNICIPAL CORPORATION.****Consider Length = 55 Mtr.**

Sl. No	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (in Rs.)	AMOUNT (InRs.)
1 P no-217 81 no-24	Pumping out water from Ponds or Tank. 2x(13.75+13.75)x0.70=38.50	38.50	%Cu.M	1054.00	405.79
2 P no-318 sl no- 18.18(i)	Supplying U_C. Bullah Piles at work including dressing and making one end pointed. 100 mmDia For post 368x2.40=883.20 For runner 1x55=55.00 1x40=40.00 including lap Total = 95.00 mtr		Mtr	96.00	84787.20
3 P-318 S1.No- 18.18(i)	Supply of Bullah (EUC) for tie bar & tie post Tie Bar 38x1.00=38.00 Tie Post 38x1.00=38.00		Mtr	96.00	3648.00
		38.00	Mtr	96.00	3648.00

4. Page-318 SLI-o- 13.17(i)	Labour for driving Eucalyptus bullah piles by monkey in sorts of soil including hoisting and placing piles in position, protecting the pile head with iron ring and cutting and shaping heads before and after driving and including hire and labour for necessary driving appliances and all tackles.				
	100 mm Diameter 368x1.20=441.60	441.60	Mtr	83.00	36652.80
5 Page-319 SLN O-18.28	Supplying empty Cement bags in good condition 1x1377=1377	1377.00	%Nos	330.00	4544.10
6 Page-319 SLNo-18.29	Filling empty Cement bags with dry earth or sand, stitching the bag (cost of thread included) and carrying and placing them in position and all incidental charges complete but. excluding cost of sand and gunny bags. 1x1377=1377	1377.00	%Nos	350.00	4819.50
7 Page-319 SLN O- 13.27	Coal tarring on wooden surfaces including cost of materials (a) Double coat. 1x883.20x2x3.14x0.05=277.32 2x38x2x3.14x0.05=23.86 1x95x2x3.14x0.05=29.83 331.01 Total =	331.01	Sqm	36.00	11916.36

8 Page-322 Sl.No-18.41	Labour for fitting and fixing 10cm to 15cm diameter eucalyptus-bullah as ties and runners including necessary nails, bolts and nuts. 1x38=38.00 1x95=95.00 Total = 133.00	133.00	Mtr	20.60	2739.80
9 Page- I(Build.) Sl.No-3 (c) (iii)	Earth work in filling in foundation trenches 01' 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)				
	(i) With carried earth arranged by the contractor within a radius exceeding 3 km. But not exceeding 5 km. including the cost of carried earth. 1x55x0.90x1.20=59.40	59.40	%Cu.M	40300.00	23938.2
10 P.no-9, I-13	Removal of rubbish, earth etc. from the orking 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 55x1.20x0.600=39.60	39.60	Cu.M	168.00	6652.80

	Total for 55 mtr. Length Rs. =	192872.55
	Say Rs. =	192873.00
	Cost per Mtr. Length =	3507.00

Supplying and laying of D.I Pipe line (100 mm dia)

SCHEDULE FOLLOWS

A. P.W.D. Schedule of Rates For Building Works, Materials and Labour Effective from 1st July 2014

B. K.M.D.A. Water Supply Schedule of Rates 2004.

Considering 1000 m. length

Sl. No.	Description of Item	Quantity	Rate	Unit	Amount (in Rs.)
1. Page-1 It No- 2(a)	Earth work in Excavation of Foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing, spreading or stacking the spoils with a lead of 75 Mtr as directed. The item includes necessary trimming the sides of trenches, leveling dressing and ramming the bottom, bailing out water as required complete. a) Depth of Excavation not exceeding 1,500 mm. (i) 1000x0.50x1.00=500.00	500.00	12,047.00	% M ³	60,235.00

2. Page-1 It No-3(a)	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) [(i)-(3.14x0.1 ²)*1000=31.40, 500.00-31.40=468.60 cum a) with earth obtain from excavation of foundation.	468.60	7,831.00	% M ³	36,696.07
3. Page -53 It No-1.2.2 (b)	Lowering any type of D.I pipe and specials and laying along trench at any depth as per specification and direction of the Engineer in charge. b) 100 mm Dia	1,000.00	394.00	%M	3,940.00
4. Page No-56 It No-1.2.5 (b)	Rubber gasket joints to C.I / D.I pipes and laying along trench at any depth as per specification and direction of the Engineer in Charge. b) 100 mm Dia	270.00	20	Each	5,400.00
5. Page No-57 IT No-1.2.6 (b)	Flange joint to C.I / D.I / M.S pipes and specials including supply of rubber gasket, nuts, bolts washers ect. Of best quality to make the joint water tight at required hydraulic presser all complete as specification & direction of the Engineer in charge. b) 100 mm Dia	29.00	210	Each	6,090.00

6. Page No- 58 It No-1.2.7 (b)	Cutting of C.I / D.I pipes for fitting with pipes and or specials of similar or de similar materials at the time of laying without damaging any part of the required length including taking out of the broken pieces from the trench and restacking the same at the specified location as per direction of the Engineering in charge. b) 100 mm Dia	50.00	33.00	Each	1,650.00
7. Page No- 71 It No- 1.5 (b)	Chamfering the spigot end of C.I / D.I pipes for fittings with the socket of C.I / D.I pipes and or specials in tyton jointed water mains or otherwise using electric grinder as per Engineering in charge.b) 100 mm Dia	30.00	35.00	Each	1,050.00
8. Page No- 71 It No-1.5 (b)	Lowering, fitting and fixing all types of valve in proper position and alignment using chain pulley block or crane (for diameter above 250 mm) by providing temporary support as required, gasket nuts & bolts etc. all complete as per specification and direction of the Engineer in charge. b) 100 mm Dia	11.00	443.00	Each	4,873.00
9. Page No- 78 It No- 4.1 (b)	Hydraulically testing of C.I / D.I / AC pipe line in sections under a head of water not less then 60m(6Kg/Cm2 pressure) or above as per specific requirements by filling the main with supply of water including supply of all specials and equipments, like pump set, gauges, end caps, blank flange etc. all complete as per instruction of the Engineer in charge. b) 100mm Dia	1,000.00	8.00	M	8,000.00

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10. Page No-80 It No-5.1 (b)	Disinfections of water main by filling with water containing bleaching powder of sufficient quantity capable of maintaining a residual chlorine concentration of 10mg/l within the main after a detention period of two hours and complete as per specification and direction of the Engineer in charge. b) 100mm Dia	1,000.00	4.00	M	4,000.00
11. Page No-82 It No-6.1	Dewater by pumps including all heads lifts and making all arrangements of disposal, where continues flow of water from a source other than natural or ground water is encountered in case of emergency maintenance works related to leakage, breakage and making wet connections.	1,290.00	12.00	HP.Hr	15,480.00
12. Page No-105 It No-9.6 (a)(i) & (c)(i)	All types of ductile iron (spun) special (viz Bend, Tee, Taper, Tail piece etc.) size conforming to I.S. Specification No-9523 / 2000 with cement mortar lining (inside and bituminous coating (outside) (25% of payments will be held up till successful hydraulic testing) i) All socketed Tee 80 mm- 300 mm Nos @ 29.50 Kg/each =177 Kg 100x100x100, 6 Nos @ 21.50 Kg/each =129 Kg	306.00	67.00	Kg	20,502.00
	j) Tail Piece 80 mm- 300 mm @ 9.70 Kg/Each =174.60 Kg 100x100, 18 Nos	174.60	80.00	Kg	13,968.00
13. Page No-108 It No-9.8 (ii)	Single / Double bit SBR gasket suitable for jointing C.I / D.I presser pipes, conforming to I.S. 5382-1985 b) 100 mm Dia	312.00	31.00	Each	9,672.00

14. Page No- 108. It No-9.8 (ii)	Cast iron double flanged valves generally conforming to I.S. 14846 : 2000 having four faces and spindle nut or gunmetal, inside screw non rising type brass / AISI 410 spindle ; seat tested to 10 Kg / CM2 And body tested to 15 Kg / CM2 Flanges flat faces and drilled to I.S: 1538: 1993b) 100 mm Dia	10.00	3,209.00	Each	32,090.00
15. Page No- 87 It No- 6.26 (b)	Supplying Including cost of installation of compression flanged socket tailpiece for connecting flanged fitting to the plain (spigot) end of C.I / D.I pipes. b) 100 mm Dia	18.00	1,028.00	Each	18,504.00
16. Page No- 93 It No-6.33 (b)	Supplying including cost of installation of cast iron mechanical joint Double socket 90° Bend for connecting two plain ends of C.I / D.I pipes, with C.I body and follower gland, zinc coated MS. Fasteners and sealing rubber gasket as per IS: 13382-90 complete. b) 100 mm Dia	4.00	2241	Each	8,964.00
17. Page No- 93 It No-6.33 (b)	Supplying including cost of installation of cast iron mechanical joint Double socket 45° Bend for connecting two plain ends of C.I / D.I pipes, with C.I body and follower gland, zinc coated MS. Fasteners and sealing rubber gasket as per IS: 13382-90 complete. d) 100 mm Dia	4.00	1977	Each	7,908.00

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18. Page No- 93 It No-6.34 4(b)	Supplying including cost of installation of cast iron mechanical joint Double socket 22.5° Bend for connecting two plain ends of C.I / D.I pipes, with C.I body and follower gland, zinc coated MS. Fasteners and sealing rubber gasket as per IS: 13382-90 complete. f) 100 mm Dia	3.00	1887	Each	5,661.00
19. Page No- 22 It No-15	Sluice valve chamber with C.I heavy cover with locking arrangement (weight not less than 25 Kg) (size of chamber 450 mm x 600 mm inside up to 900 mm depth) 250mm thick cement brick walls (6:1) 150 mm thick cement concrete (6:3:1) bed with jhama chips 19 mm thick cement plaster (6:1) for inside wall and 12 mm thick cement plaster (6:1) for outer walls including rounding corners b) 100 mm Dia sluice valve chamber	10.00	7,576.00	Each	75,760.00
20	Supply of D.I Pipe with conformation to relevent IS codes and as per direction of EIC. 100 mm dia	1,000.00	867.00	M	867,000.00
21 P-9, It No- 13	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipal /Corporation Rules forsuch disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in -Charge. 1000x0.5x0.5=250 cum	250.00	168.00	cum	42,000.00
		Total Rs.			1,249,443.07
		Say=			1,249,443.00

Per meter Length=Rs. **1249.00**

(Rupees Twelve Hundredread Fourty Nine only)

ESTIMATE FOR CONSTRUCTION OF SUR FACE DRAIN (300X300)

PWD BUILDING SCHEDULE 2014

Sl No	Description of Items	Length	Breadth	Depth	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom boiling out water aqs required complete . Depth of excavation not existing 1500mm P.No-1, I-2(a)	1.00	0.95	0.475	0.451	%Cu.M	12047.00	54.36
2	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand P.no-11, I-1	1.00	0.95		0.950	Sq.M	377.00	358.15
3	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. In ground floor (a) 6:3:1 proportion.	1.00	0.95	0.100	0.095	Cu.M	5803.06	551.29
4	Brick work with 1st class bricks in cement mortar (4 : 1). a) In foundation & Plinth P.no-29, I-21(a)	1.00	0.25	0.600	0.150	Cu.M	6068.00	910.20

5	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. (Gr.floor). i) With 4:1 cement mortar. a) 20 mm. Thick plaster. P.no-151, I-2(a)	1.00	1.1	1.100	1.100	Sq.M	206.00	226.60
6	Neat cement punning above 1.5 mm thick in wall, dado, window/sills, floor, drain etc. P.no-152, I-8	1.00	1.100	1.100	1.100	Sq.M	38.00	41.80
7	Artificial stone in floor dado staircase etc. with cement concrete 1:2:4 with stone chips laid in pannels as directed with topping made with ordinary or white cement (as measured) and marble dust in porportion (2:1) including smooth finishing and round P.no-40, I-3(ii)	1.00	0.300	0.300	0.300	Sq.M	303.00	90.90
8	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipal /Corporation Rules for such 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	0.800	0.475	0.3800	Cu.M	168.00	63.84
Total=								2,297.14
Total=								2,297.00

ESTIMATE FOR CONSTRUCTION OF SURFACE DRAIN (400X400)

PWD BUILDING SCHEDULE 2014								
Sl No	Description of Items	Length	Breadth	Depth	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom boiling out water aqs required complete . Depth of excavation not existing 1500mm P.No-1, I-2(a)	1.00	1.05	0.575	0.604	%Cu.M	12047.00	72.73
2	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand P.no-11, I-1	1.00	1.05		1.050	Sq.M	377.00	395.85
3	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. and foundation proportion. In ground floor (a) 6:3:1	1.00	1.05	0.100	0.105	Cu.M	5803.06	609.32
4	Brick work with 1st class bricks in cement mortar (4 : 1). a) In foundation & Plinth P.no-29, I-21(a)	1.00	0.25	0.800	0.200	Cu.M	6068.00	1,213.60

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5	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. (Gr.floor). i) With 4:1 cement mortar. a) 20 mm. Thick plaster. P.no-151, I-2(a)	1.00	1.3	1.300	Sq.M	206.00	267.80
6	Neat cement punning above 1.5 mm thick in wall, dado, windowsills, floor, drain etc. P.no-152, I-8	1.00	1.300	1.300	Sq.M	38.00	49.40
7	Artificial stone in floor dado staircase etc. with cement concrete 1:2:4 with stone chips laid in pannels as directed with topping made with ordinary or white cement (as measured) and marble dust in porportion (2:1) including smooth finishing and round P.no-40, I-3(ii)	1.00	0.400	0.400	Sq.M	303.00	121.20
8	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipalpal /Corporation Rules fors such 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	0.900	0.575	Cu.M	168.00	86.94
Toatl=							2,816.85
Total=							2,817.00

ESTIMATE FOR CONSTRUCTION OF SUR FACE DRAIN (450X600)

PWD BUILDING SCHEDULE 2014

Sl No	Description of Items	Length	Breadth	Depth	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom boiling out water aqs required complete . Depth of excavation not existing 1500mm P.No-1, I-2(a)	1.00	1.1	0.775	0.853	%Cu.M	12047.00	102.70
2	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand P.no-11, I-1	1.00	1.1		1.100	Sq.M	377.00	414.70
3	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. In ground floor (a) 6:3:1 proportion.	1.00	1.1	0.100	0.110	Cu.M	5803.06	638.34
4	Brick work with 1st class bricks in cement mortar (4:1). a) In foundation & Plinth P.no-29, I-21(a)	1.00	0.25	1.200	0.300	Cu.M	6068.00	1,820.40

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5	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. (Gr.floor). i) With 4:1 cement mortar. a) 20 mm. Thick plaster. P.no-151, I-2(a)	1.00	1.7	1.700	Sq.M	206.00	350.20
6	Neat cement punning above 1.5 mm thick in wall, dado, windowsills, floor, drain etc. P.no-152, I-8	1.00	1.700	1.700	Sq.M	38.00	64.60
7	Artificial stone in floor dado staircase etc. with cement concrete 1:2:4 with stone chips laid in pannels as directed with topping made with ordinary or white cement (as measured) and marble dust in porportion (2:1) including smooth finishing and round P.no-40, I-3(ii)	1.00	0.450	0.450	Sq.M	303.00	136.35
8	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipal /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	0.950	0.775	0.7363	Cu.M	168.00
Total=							3,650.98
Total=							3,651.00

ESTIMATE FOR GARBAGE VAT

SL.NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT
1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm . SOR, PWD, P-1, I-2(a)				
	1 7 0.8 0.225 1.26				
	1 3.55 2.3 0.45 3.67425	4.934	%cu.m.	12047.00	594.43
2	Earthwork in filling in foundation & plinth with earth obtained from excavation Pg 3, Item3				
	20% of excavation 1	1.0	cu.m.	7831	81.05
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 SOR, PWD, P-33, I-1 [R]				
	1 7 0.8 5.6	5.6	sqm	377.00	2111.20
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering. a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety Page 59 ; Item No. :-I-10 a				
	1 7 0.8 0.15 0.8400	0.8400	cu.m.	5823	4891.32

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5	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. SOR, PWD, P-69, I-21(a) [R]														
	1	7	0.75	0.175		0.92									
	1	7	0.5	0.175		0.61									
	1	7	0.25	1.15		2.01		3.544		cu.m.	5719.00			20266.71	
6	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. i) With 6:1 cement mortar. c) 20mm thick plaster SOR, PWD, P-319, I-2(ii)														
	1	7	2.75			19.25		19.25		sq.m.	181.00			3484.25	
7	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. SOR, PWD, P-323, I-8														
	Qty. same as Sl.no. 5														
						19.25		19.25		sq.m.	38.00			731.50	
8	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm .as directed & consolidating same by through saturation with water ramming complete .including the cost of supply of sand . (pament to be made on measurement of finished quantity.) p.no. 5,sl-4A														
	1	2.5	1.25	0.3		0.9375									
	1	1.5	0.25	0.3		0.1125		1.05		%cu.m.	98524			1034.50	

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9	Nominal mix M20 cement concrete(1:1.5:3) with graded stonechips excluding shuttering in reinforcement if any with Pakur Stone chips. P-35, I-6(a)(i) & P-61, I-11										
	1	2.5	1.25	0.15	0.46875						
	1	1.5	0.25	0.15	0.05625	0.525	cu.m.	6802.74			3571.44
10	Hire and labour charges for shuttering with hard wood for precast R.C. slab, curved or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc. complete in all respect. (Only the area in contact with concrete to be measured). SOR, PWD, P-65, I -14										
	2	7		0.15	2.1						
	1	1.5		0.15	0.225	2.325	sq.m.	100			232.50
	TOTAL								Rs.		36998.90
									SAY		36999.00

ESTIMATE FOR THE CONSTRUCTION OF COMMUNITY CENTRE NEW

Schedule Based On P.W.D. (Building & Sanitary & Plumbing) August, 2014 & Corrigenda

AREA = 223.40 sqm

UNIT – EACH.

SL. NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE (Rs.)	AMOUNT(Rs.)
1	Earthwork in excavation of foundation trenches or drains in all sorts soil (inc-luding mixed soil but excluding laterite or sandstone) including remov-ing spreading or stacking the spoils within a lead of 75m as directed. The item includes necessary trimming the sides of trenches, leveling, dressing, and ramming the bottom bailing out water as required complete. (a) Depth of excavation not exceeding 1500 mm. P.W.D.(Building), Page -1, It.- 2(a)	169.91	% M ³	12,047.00	20469.06
2	Earthwork 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. a) With earth obtained from excavation of foundation. P.W.D. (Bldg.), Page - 1 , It. - 3(a)	122.69	% M ³	7,831.00	9607.85
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand. P.W.D. (Building), Page -11, It.1	314.66	M ²	377.00	118624.94

4	Cement concrete with graded jhama khoa (30 mm size) excluding shuttering and reinforcement. In ground floor and foundationa) 6:3:1 proportion. P.W.D(Building), Page – 11, It.- 4(a)	23.60	M ³	5,803.00	136945.00
5	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. P.W.D (Building), Page – 14, It. – 7(i)	74.24	M ³	6802.74	505008.21
6	Brick work with 1st class bricks in cement mortar (6:1). a) In foundation & Plinth. P.W.D.(Building), Page – 29, It.- 22(a) b)In Super structure, Ground floor. P.W.D.(Building), Page – 29, It.- 22(b)	36.89	M ³	5,719.00	210973.91
7	125 mm thick brick work with 1st class bricks in cement mortar (4: 1) a) In Ground floor. P.W.D(Building), Page – 31, It. – 29	59.36	M ³	5,943.00	352776.48
		159.36	M ²	783.00	124778.88

8	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns lintels curved or straight including fitting fixing and striking out after completion of works (upto roof of ground floor). (a) 25 mm to 30 mm thick wooden shuttering as per direction & decision of the E.I.C. P.W.D(Building), Page – 26, It. – 12(a)	453.83	M ²	360.00	163380.24
9	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups binders etc including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every inter-section, complete as per drawing and direction.(a) for works in foundation, basement and upto roof of ground floor/upto 4m. (i) Tor steel/Mild steel. P.W.D(Building), Page – 27, It. – 15a(i)	5.84	MT	68,508.00	400086.72

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10	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stonechips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smoothfinishing and rounding off corners and application of cement cement slurry @ 1.75 kg./sq.m. all complete including and labours. In ground floor. 3 mm thick topping. 25 mm thick. P.W.D.(Building), Page - 40, It.- 3(ii)	181.97	M ²	303.00	55136.91
11	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame. Sal : Siliguri. P.W.D(Building), Page - 85, It. - 1(c)	0.24	M ³	113,667.00	27280.08
12	Neat cement punning about 1.5 mm thick in wall, dado, window, sills, floor, drain etc. P.W.D(Building), Page - 152, It. - 8	71.13	M ²	38.00	2702.94
13	M.S.or W.I. ornamental grill of approved design joints continuously welded with M.S., W.I. flat and bars for windows, railing etc fitted and fixed with necessary screws and lugs in ground floor. (i) Grill weighing 10 kg./sq m and upto 16 kg./sqm. P.W.D(Building), Page - 76, It. - 10(i)	649.74	KG	90.51	58807.97

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14	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of cost of hinge and other fittings. In ground floor. 40 mm thick shutter with 19 mm thick panel. Gamari. P.W.D(Building), Page – 105, It. – 84(ii)(b)	49.98	M ²	3,568.00	178328.64
15	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. P.W.D(Building), Page – 319, It. – 2(ii)c, (i)b, (i)c				
	With 4: 1 cement mortar.10 mm thick plaster	177.43	M ²	140.00	24840.20
	With 6: 1 cement mortar.20 mm thick plaster	194.22	M ²	181.00	35153.82
	With 6: 1 cement mortar.15 mm thick plaster	523.58	M ²	156.00	81679.10
16	Priming one coat on timber, plastered or steel or other metal surface with synthetic enamel/ oil bound primer of approved quality including smoothening surfaces by sand papering etc. P.W.D(Building), Page – 162, It. – 7(a)	194.22	M ²	41.00	7963.02

17	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. On steel or other metal surface. Two With super gloss(hi-gloss) coats(with any shade except white). Page - 162, It. - 8(b)(iv)	49.98	M ²	86.00	4298.28
18	With super gloss(hi-gloss) Two coats(with any shade except white). On timber or plastered surface. P.W.D(Building), Page - 162, It. - 8(a)(iv)	99.96	M ²	80.00	7996.80
19	White washing including cleaning and smoothening surface thoroughly. A) All floors. i) Two Coats. P.W.D(Building), Page - 155, It. - 3(b)	700.01	% M ²	1,887.00	13209.19
20	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark Oxidized fittings 100 mm * 75 mm * 3.50 mm. P.W.D(Building), Page - 91, It. - 20(viii)	98.00	Each	75.00	7350.00
21	Iron hasp bolt of approved quality fitted and fixed complete (oxide) with 16 mm dia rod with center both and round fitting 250 mm long. P.W.D(Building), Page - 93, It. - 27 (i)(b)	6.00	Each	184.00	1104.00
22	Tower Bolt (225 mm x 12 mm dia). P.W.D(Building), Page - 99, It. - 61 (viii)	46.00	Each	134.00	6164.00

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22	Construction of Septic tank of different capacities as per approved drawing with 1st brick work in cement mortar (4:1) including two 560 mm dia R.C.C. manhole cover of approved make supplied, fitted fixed in the top slab with necessary fittings, 19 mm thick cement plaster (4:1) with neat cement finish to the internal surfaces and 12 mm thick cement plaster (4:1) to out side walls upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone including supplying, fitting fixing all necessary specials, fittings S.W. tees, C.I. foot rest etc including excavating earth in all sorts of soil, shoring, bailing and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tank with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 5% by weight of cement, complete in all respect as per direction of E.I.C. For 10 users P.W.D(S&P), Page - 73, It. - 3(i)A	1.00	Each	39,964.00	39964.00
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23	Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1.6 metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round and cement brick work (1:4) upto 0.90 metre from top with 20mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15mm thick cement plaster (1:4) on outer face from top of the well upto G.L. and 6 mm thick cement plaster (1:4) on top of the R.C.C. cover slab including filling bottom 1.00 metre of inside of the well with brick metal (50 mm to 63 mm size) including R.C.C. cover slab of 100 mm thick with cement conc (1:1.5:3) with stone chips with necessary reinforcement and shuttering including one 560 mm dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the cover slab with necessary fittings, making necessary arrangements for pipe connections, excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m P), Page - 74, It. - 4 P.W.D(S &	1.00	Each	17,982.00	17982.00
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24	Constructing Inspection pit of inside measurements 600 mm x 600 mm x upto 600 mm(depth) with 250 mm thick 1st class brick work in cement mortar (4:1) on all sides, bottom of the pits consisting of 100 mm thick cement concrete (6:3:1) with jhama khoa over a layer of jhama brick flat soling, 15 mm thick (4:1) cement plaster to inside walls and outside walls upto G.L.and 20 mm thick (4:1) plaster to bottom of the pit, providing necessary invert with cement concrete (6:3:1) with stone chips as per direction , neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stonechips and necessary reinforcement upto 1% and shuttering including 6 mm thick cement plaster (4:1) in all external surfaces of the slab and one 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings , necessary earth work in excavation in all sorts of soil filling sides of the pits with earth and removing spoils after work complete in all respect. P.W.D(S&P), Page - 71, It. - 1	2.00	Each	7,980.00	15960.00
25	Supplying fitting fixing C.I.specials of down pipes in position with clamps nails etc. with jointing materials including cutting holes in masonry or concrete mending good damages complete.				

	C.I. head or Y or T junction (single) of down pipes. (i) 100 mm dia. P.W.D(Building), Page – 169, It. – 9A1(ii)	10.00	Each	811.00	8110.00
	C.I. offset of down pipes. (i) 100 mm dia. projection 75 mm P.W.D(Building), Page – 169, It. – 9C1(iii)	10.00	Each	610.00	6100.00
	C.I. bend of down pipes. (i) 100 mm dia. P.W.D(Building), Page – 169, It. – 9D1(ii)	10.00	Each	609.00	6090.00
	C.I. shoe of down pipe. (i) 100 mm dia. P.W.D(Building), Page – 169, It. – 9E1(ii)	10.00	Each	454.00	4540.00
26	C. I Bend of down pipe. (With door) 100 mm dia. P.W.D(Building), Page – 170, It. – 9(D)(2)(ii)	10.00	Each	609.00	6090.00
27	Supplying, fitting, fixing, C.I. grating heavy type. Above 100 mm and upto 150 mm sq. or round. P.W.D(Building), Page – 170, It. – 10B	12.00	Each	128.00	1536.00

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28	Supplying fitting, fixing G.I. pipes of TATA make with all necessary accessories specials viz. socket bend tee union cross elbo nipple longcrew reducing socket reducing tee short piece etc fitted with holder bats clamps including cutting pipes making threads fitting fixing 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) 15 mm dia medium quality. P.W.D(S&P), Page - 2, It. - 1A(a)(ii)	35.00	M	260.00	9100.00
	(b) 20 mm dia. medium quality P.W.D(S&P), Page - 2, It. - 1A(b)(ii)	30.00	M	221.00	6630.00
29	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer 500 litre capacity. P.W.D(S&P), Page - 28, It. - 16 (a)	4.00	Each	3,076.00	12304.00
30	Supplying fitting and fixing 10 litre porcelain low-down cistern of approved make with either side or bottom inlets, side overflow, brackets complete with all internal fittings. White. P.W.D(S&P), Page - 27, It. - 1	8.00	Each	2,567.00	20536.00

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31	Supplying fitting and fixing white vitreous china best quality approved make wash basin with C.I. bracket on 75 mm x 75 mm wooden blocks, C.P. waste fittings of 32 mm dia. one approved quality brass C.P. pillar cock of 15 mm dia, C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint. 630 mm x 450 mm size. P.W.D(S&P), Page – 31, It. – 2(iii)	8.00	Each	3,873.00	30984.00
32	Cast iron soil pipe only conforming to I.S. 3989/1970 and I.S. 1729/1964 with bobbins nails etc including making holes in the wall floor etc and cutting trenches etc in any floor through masonry concrete, if necessary and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete. (a) with valamoid joints including sealing with sand cement mortar (4:1) upto quarter depth. (i) 100 mm dia. Internal. P.W.D(S&P), Page – 49, It. – 1(a)(ii)	21.00	M	795.00	16695.00
33	Cast iron single branch equal with door conforming to I.S. 1729/1970 including jointing and painting two coats to the exposed surface. (a) with valamoid joints including sealing the top with cement mortar (4:1), 100 mm dia. P.W.D(S&P), Page – 49, It. – 2(a)(ii)	8.00	Each	923.00	7384.00

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34	Cast iron double branch equal with door conforming to I.S. 1729/1970 including jointing and painting two coats to the exposed surface complete. (a) with valamoid joints including sealing the top with cement mortar(4:1), 100 mm dia. P.W.D(S&P), Page - 50, It. - 3(a)(ii)	8.00	Each	1,069.00	8552.00
35	H.C.I. bend with door conforming to I.S.S. including jointing complete. (a) with valamoid joints including sealing the top with cement mortar (4:1), 100 mm dia. P.W.D(S&P), Page - 50, It. - 4(a)(ii)	8.00	Each	624.00	4992.00
36	H.C.I. heel rest bend conforming to I.S.S. including jointing compete. (a) with valamoid joints including the top with cement mortar(4:1). 100 mm dia. P.W.D(S&P), Page - 51, It. - 6(a)(ii)	8.00	Each	632.00	5056.00
37	Supplying, fitting, fixing brass ferrule including connection with G.I. pipes of TATA make of following dia. and upto 450 mm long with screw, jamnut sockets etc complete in all respect, including cutting trenches in all sorts of soil and filling up the trenches as per direction of the E.I.C. (i) 15 mm dia. P.W.D(S&P), Page - 1, It. -1(iii)	1.00	Each	1,102.00	1102.00

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38	Supplying, fitting fixing with cement jointing (3:1) salt glazed stoneware pipe including excavation of earth upto 1050 metre depth in all sorts of soil both mixed or unmixed and refilling. 100 mm. P.W.D(S&P), Page - 55, It. -16(iv)	250.00	Each	330.00	82500.00
39	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc P.W.D(S&P), Page - 65, It. -16(iv) (b) With 'S' trap (with vent)	12.00	Each	4,203.00	50436.00
40	Internal Drain (300 mm x 300 mm) Annalysis enclosed	42.860	each	2,297.00	98449.42
41	Asbestos corrugated (Trafford or similar approved quality) sheet (6 mm thick) work (excluding the supporting framework) fitted and fixed with 9.5mm. dia. J or L hook-bolt and nuts, limpet and bitumen washers and putty with 150 mm end lap & one corrugation minimum side lap complete. (Payment should be made on area of finished work) P.W.D(Building), Page - 91, It. - 20(viii) (a) In Roof	14.755	Sq.M	549.00	8100.50

42	Wood work in posts, post plates, rafters, battens, truss members, purlins etc. fitted and fixed complete (excluding the cost of bolts, paints, but including the cost of nails, screws etc.) (The quantum should be corrected upto three decimals)					
	P.W.D(Building), Page - 86, It. - 3 A (i) (i) Sal : Siliguri.	0.07	cum	113,732.00	7506.31	
43	Supplying and fixing polythene pipe complete with fittings as necy. under ceiling/beam, bound with 22 SWG GI binding wire incl. supplying and drawing 1x18 SWG GI Wire as fish wire inside the pipes and fittings and providing 50 mm dia disc of MS sheet (20 SWG) having colour paint at one face astened at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction)					
	P.W.D(Electrical), Page - E-2, It. - 1 a,b,c 13mm dia 3mm thick Polythene Pipe 19mm dia 3mm thick Polythene Pipe 25mm dia 3mm thick Polythene Pipe	70 50 30	RM RM RM	35 39 55	2450.00 1950.00 1650.00	
44	Cutting channel of 31 mm x 31 mm size on masonry wall incl. S&F heavy gauge polythene pipe dia as stated below, by means of iron hooks and supplying and drawing 18 SWG GI Wire fish wire incl. mending good damages to building works					
	P.W.D(Electrical), Page - E-2, It. - 2 b					

	120	RM	78	9360.00
45	13 mm dia 3 mm thick polythene pipe with 1x16 SWG GI earth continuity wire Cutting channel of 43 mm x 43 mm size on masonry wall incl. S&F heavy gauge polythene pipe dia as stated below, by means of iron hooks and supplying and drawing 18 SWG GI ire as fish wire incl. mending good damages to building works			
	P.W.D(Electrical), Page – E-2, It. –4 b 25 mm dia 3 mm thick polythene pipe with 1x14 SWG GI earth continuity wire	RM	119	3570.00
46	Supplying & Fixing CRC sheet metal (16 SWG) JB-cum- Switch Board of the following sizes complete with three no. suitable size Copper bar with holes (for Ph, N & E) fixed on bakelite/Hard Rubber insulator over the MS welded chairs incl. bakelite/Perspex/coloured Perspex (wall matching colour) top cover 3 mm thick flushed in wall for housing the board after cutting the brick wall incl. making earthing attachment, painting and mending good damages to building works			
	P.W.D(Electrical), Page – E-3, It. –10 b, e, f 175 mm x 100 mm x 65 mm 300 mm x 200 mm x 65 mm 415 mm x 240 mm x 65 mm	Each Each Each	240 397 527	480.00 794.00 1054.00
47	Supplying & Fixing sheet metal inspection box (16 SWG) of the following sizes flushed in wall by housing the same after cutting brick wall incl. making earthing attachment, painting and mending good damages to building works			

	P.W.D(Electrical), Page – E-4, It. –11 a, b 100 mm x 100 mm x 65 mm 150 mm x 100 mm x 65 mm	6 3	Each Each	114 157	684.00 471.00
48	Supply & Fixing bakelite / perspex top cover on existing switch board by Brass screws after making housing for switch by cutting bakelite / perspex cover and making necessary connections as required P.W.D(Electrical), Page– E-4, It.–12 a, b,c,g,h 100 mm x 100 mm x 65 mm 150 mm x 100 mm x 65 mm 175 mm x 100 mm x 65 mm 300 mm x 200 mm x 65 mm 415 mm x 200 mm x 65 mm	6 3 2 2 2	Each Each Each Each Each	39 46 51 103 126	234.00 138.00 102.00 206.00 252.00
49	Supplying and fixing Sheet steel Main Switches on flat iron frame on wall P.W.D(Electrical), Page – D-1, It. –1 A 240V DP with fuse on L&N 30/32 A Standard	2	Each	1,308.00	2616.00
50	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection. P.W.D(Electrical), Page – D-5, It. –6 Seimens 40 A	6	Each	398.00	2388.00

51	Distribution wiring in 2x1.5 sqmm single core PVC insulated stranded Copper wire in 19 mm in black stove EI conduit/GI conduit to 3 pin Plug Points incl. S&F 5 A Piano Key type switch with earthing attachment in 16 SWG GI Wire and painting P.W.D(Electrical), Page – E-1, It. – 2 (e) Average run 6 mtr	25	Point	1,045.00	26125.00
52	Distribution wiring in 2x2.5 sqmm single core PVC insulated stranded Copper wire in 19 mm EI conduit/GI conduit from separate way of BDB to 3 Pin 15 A plug point with 1x14 SWG GI ECC (wiring only) P.W.D(Electrical), Page – E-1, It. – 3 (a)	10	RM	173.00	1730.00
53	Supply & Fixing 240 V 6 A Piano key type switch (Brand approved by EIC) on existing sheet metal switch board having bakelite/perspex top cover by screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required P.W.D(Electrical), Page – E-5, It. – 14 (a)	25	Each	29.00	725.00
54	Supply & Fixing 240 V, 6A plug socket (Brand approved by EIC), without switch & plug top, on existing sheet metal switch board with bakelite/perspex top cover by screws after making housing for plug by cutting bakelite/perspex top cover and making necy. connections with PVC wire and earth continuity wire etc. P.W.D(Electrical), Page – E-5, It. – 15 (a)	20	Each	41.00	820.00

Asansol Municipal Corporation

55	Earthing with 80 mm dia GI pipe (TATA-Medium)x 3.0 Mts. long and 1 x 19/8 stranded GI (Hot Dip) wire (4 Mts. long), 25 mm dia x 150 mm long galvanized bolt, double nuts, double washers including socketing at both ends of stranded GI (Hot Dip) wire by crimping sockets/ thimbles and S & F 40 mm dia GI pipe (ISI-Medium) protection (3 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level to an average depth of 3.65 Mts	2	Each	4,155.00	8310.00
P.W.D(Electrical), Page - G-1, It. -2 (b)					
56	Supplying fitting and fixing CFL 18 Watt.	10	Each	160	1600.00
57	(Market Rate) Electrical connection from WBSEDCL, with necessary cable, angle, stay etc.		L.S		15000.00
58	Glowsine Board		L.S		6000.00
					3120074.46
					3120074.00

All dimensions are in mm

CL Length	Main Wall	67-39+7.348 =74.738 m						
	Partition Wall	5.675+2.225+(9.472+2.50+2.225)+2.40+(4.0*3)+[2.80+8.030+2.0(2.475*4)]= 56.977 m						
Sl. No.	Item No.	No.	Length	Depth	Width	Quantity	Total Quantity	Unit
1	Excu		74.738	1.425	1.1	117.152	156.680	cu m
			56.977	0.925	0.75	39.528		
2	B/filling		74.738	1.05	(1.10-0.375)	56.894	73.987	cu m
			56.977	0.6	(0.750-0.25)	17.093		
3	BFS (foundation)		74.738		1.1	82.2118	302.372	cu m
			56.977		0.75	42.7328		
4	PCC (for foundation)		74.738	0.075	1.1	6.166	22.678	cu m
			56.977	0.075	0.75	3.205		
5	RCC (1:1.5:3) Foundation		74.738	0.3	1.1	24.664	35.347	cu m
			56.977	0.25	0.75	10.683		
	Lintel		74.738	0.15	0.25	2.803	1.068	
			56.977	0.15	0.125	1.068		

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Chajja	6	2	0.1	0.45	3.871	cu
Roof Beam		74.738	0.175	0.25	0.540	m
		(8.03+2.227)	0.175	0.25	3.270	
		(2.96+5.315+9.472)	0.175	0.25	0.448	
					0.776	
					5.034	cu
Roof Slab Area		(12.948+3.0)	x	(10.296+1.73+2.555+3.666)	m	
					= 291.0	Sq.m.
Less					(-)	
		3.0	x	9.722 =	29166	Sq.m.
		2.227	x	3.21 =	(-) 7.148	Sq.m.
		3.666	x	(2.65 +3.048) =	(-) 20.89	Sq.m.
		2.555	x	3.048 =	(-) 7.787	Sq.m.
		1.73	x	2.0 =	(-) 3.46	Sq.m.
					68.451	
					222.549	sq.m.
Waist Slab	2	2.85	0.15	1.2	1.026	cu
0.5 landing slab	1	1.25	0.125	2.4	0.375	m
	11	1.2	0.25	0.15	0.495	
					1.896	cu
					73.966	m
6 BKW (foundation)						
upto GL		74.738	1.05	0.375	29.428	
PL to GL		74.738	0.4	0.25	7.474	
PL to roof		74.738	(3.0-0.175)	0.25	52.783	
upto PL		74.738	(0.60+0.40)	0.25	14.244	
					103.929	cu
					m	

Asansol Municipal Corporation

9 For foundation

[Faint bleed-through from the reverse side of the page]

Deatiled project Report under PMAY

Asansol Municipal Corporation

12	Neat Cement	20	(0.9+2.0)	0.05	0.037	0.0424	m	cu	0.237	m
	Less									
			(64.17+196.938)	24	0.3	78.332				
					0.3	7.2				
										71.132 Sq.m.
13	MS Grill	49.98	@ 13 kg/sq.m.							
		sq.m.								
										649.74 Kg.
14	Panel (Wooden)	31.98		18						
										49.98 Sq.m.
15	Plaster									
	(4:1) 10mm thick									
	Ceiling area									
	(6:1) 20mm thick									
	Outside	h =	(3.0+0.125+0.40)			3.525	m			
		L =	8.03+3.666+2.65+2.555+1.0+1.73+3.048+10.296+12.948+9.722+5.315			64.17	m			
			+3.21							177.427 sq.m
		Area =	64.17							
	Less for doors & windows				3.525	226.199	Sq.m.			
						31.98	Sq.m.			
										194.219 sq.m
	Inside									
	Creche	2	(5.675 + 4.575)			20.5	m			
	P cum Dinning	2	(2.475 + 2.0)			8.95	m			
	Toilet	2	(2.5 + 2.80)			10.6	m			
	R-1	2	(3.05 + 2.80)			11.7	m			
	R-2	2	(3.35 + 2.475)			11.65	m			
	Toilet	2	(2 + 1.20)			6.4	m			
		2	(2 + 1.10)			6.2	m			
	Library	2	(2.225 + 2.875)			10.2	m			
	Toilet	2	(1.50 + 1.20)			5.4	m			

Asansol Municipal Corporation

Waiting Space (including dispensary)	2	(5.875 + 4.40)	20.55	m
Stair room floor	2	(1.875 + 2.425)	8.6	m
Consultant room	2	(2.40 + 2.475)	9.75	m
Projection room	2	(2.30 + 2.475)	9.55	m
Toilet	2	(2.0 + 1.025)	12.1	m
Toilet & Green room	2	(4.0 + 2.625)	13.25	m
R-3 & Stage	2	[(7.348 + 2.625) + 5.796]	31.538	m
			196.938	m
Height of Inside Plaster = 3.0 m.				
Less for window & door on 250 thk wall				
Less for window & door on 125 thk wall				
		(196.938 x 3)	590.814	
			(-) 31.98	
			(-) 36	
				522.834 sq.m

ESTIMATE FOR CONSTRUCTION OF BITUMINOUS ROAD PER SQ-MTR

All rates are taken from P.W.D. Schedule Roads Deptt: 2014 Effective from 1st June 2014.

Consider 100.0m x 3.0m Bituminous Road

Sl. No	Description						UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)
	Details	No	L	B	H	Qty.				
1	Page-238, Item-13.16(a) For BT road	1.0	100.000	3.000		300.00	Sqm	300.00	14.40	4,320.00
					Total-	300.00				
2	P-244, Item-4.09, (i) For BT road	1.0	100.000	3.000	0.100	30.00	Cum	30.00	1,782.15	53,464.50
					Total-	30.00				
3	P-244, Item-4.10, (i) Water Bound Macadam Sub Base by consolidating Jhama metal / Laterite chelly or stone metal / shingles of specific size in hard crust to requisite thickness (measured after compaction) in layers including screening of metals etc. as necessary, hand packing, sweeping, watering and rolling in stages with power roller to proper line, grade and camber, lighting, guarding & barricading and making necessary earthen bundh of one metre width on each side where necessary to protect edges and preparing the bed by necessary cutting or filling and rolling all complete including the cost of all materials and hire and labour charges of all men and machineries and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) For Construction of Sub Base by consolidating Jhama metal (63 mm to 45 mm) with moorum screening :						Cum	22.50	1,798.58	40,468.05
	For BT road	1.0	100.000	3.000	0.075	22.50				
					Total-	22.50				
4	Page-245 Item No.4.11 (III) For BT road	1.000	100.000	3.000	0.075	22.50	Cum	22.50	3,173.67	71,407.58
					Total-	22.50				
5	Page-253 Item-5.11 Providing, laying and rolling of Open - graded premix carrying the mixture by any suitable arrangements, b) on WBM surface						Cum	300.00	172.33	51,699.00
	For BT road	1.0	100.000	3.000		300.00				
					Total-	300.00				
6	Page-254 Item 5.13. B.(i) For BT road	1.0	100.0	3.0		300.00	Sqm	300.00	57.00	17,100.00
					Total-	300.00				
7	Page-235 Item 3.01(i) For BT road	2.0	100.000	3.000	0.300	180.00	Cum	180.00	89.90	16,182.00
					Total-	180.00				

Total- 254,641.13

Add Contingency @ 3% 7,639.23

G. Total- 262,280.36

Total area of Road in Sq.m 300.00

Rate /Sq.m= 874.27

Say 874.00

Shahapatin

SEVEN PAGES
Bansol Municipal Corporation

Superintending Engineer
Bansol Municipal Corporation

J.K. Tim

SEVEN
Bansol Municipal Corporation

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
BABLA DANGA	0.072	46
TINPUKURIA MAJHI PARA	0.072	46
BANKSHIMULIA 8 NO KORA PARA & 2 NO COLONY&ARIUN DHAWRA	0.125	47
SISHU MAHALLA , MADRASA MAHALLA & 10 DANGA PARA	0.068	45
LAL DHAWRA	0.064	46
PARIHARPUR HAT TOLA	0.233	46
SIRA DHAWRA	0.012	43
7 & 8 GOYLA PARA	0.033	46
PARIHAR PUR RUIDAS PARA & KAMAR PARA	0.037	45
PARIHARPUR THANDAR PARA & BAGAN PARA	0.155	47
12 NO NICHU DHAWRA & 12 NO UPPER DHAWRA	0.025	46
12 NO SANTAL PARA	0.084	47
JAMURIA BELTOLA	0.031	59
JAMURIA KALI MONDIR PARA	0.025	60
JAMURIA 6 NO MUSLIM PARA	0.036	60
JAMURIA MASJID MAHALLA	0.067	59
JAMURIA 6 NO BYE PASS GOYALA PARA & BOURI PARA	0.018	60
JAMURIA THANA MORE HANUMAN MONDIR PARA & GOYALA PARA	0.069	60
JAMURIA MAMIN MAHALLA	0.012	61
NANDI 3 NO PUMP HOUSE MUCHI PARA , MAJHI PARA & BELTOLA PARA	0.066	58
BANK PARA	0.059	60
JAL SOROBORAH PARA	0.138	60
JAMURIA BAGAN DHAWRA	0.124	59
JAMURIA MUCHI PARA 2 NO SAYER PARA & SCDO PARA	0.067	60
JAMURIA BADYAKAR PARA	0.029	60
JAMURIA DANGAL PARA	0.020	60
JAMURIA GOYALA PARA & BAGDI PARA	0.024	60
JAMURIA JOLA PARA	0.037	58
JAMURIA UPPER & NAMO BOURI PARA	0.055	61
MISIRDANDA SANTAL PARA	0.043	59
PATHARDANGA	0.116	60
A.B. PIT TALI DHAWRA & MUNDA PARA	0.139	60
JAMAI PARA	0.025	37
AKHLPUR MUSLIM PARA & BHAIRAB PARA MOLE DANGA	0.133	38
MONDALPUR SAYER PARA	0.084	38
AKKHALPUR BAGAN PARA & KORA PARA	0.031	36
JADUDANGA & JADUDANGA BAGAN PARA	0.096	38
MANDALPUR CHANDBADIPARA	0.068	37
MONDALPUR KORA PARA, BANGLA PARA & KORA PARA	0.046	36
KESHER DANGA	0.059	39
BERALA BOURI PARA & MAJHI PARA & THANDAR PARA	0.040	37
BENALI MUSLIM BOURI PARA	0.037	36
BENALI TUILA PARA	0.143	38
BENALI BAGDI, DHIBAR PARA, GOYALA PARA	0.058	37

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
BENALI MOYRA PUKUR(RUIDAS PARA), CHANDI PARA, KUSTO PARA	0.006	37
BENALI DOM PARA, MONDAL PARA &LOW PARA	0.157	38
BENALI HATTOLA BOURI PARA	0.125	38
BENALI PADDAR PARA	0.036	37
DAMODARPUR RUIDAS PARA, KATHAL TOLA BOURI PARA & KHAS PARA	0.034	26
DAMODARPUR BAYAD PARA , LAYAK PUKUR BOURI PARA, MUSLIM PARA & SCHOOL BOURI PARA	0.223	31
DAMODARPUR 2 NO KAL TOLA ADIBASI PARA	0.083	28
DAMODARPUR PURBO PARA	0.046	31
DAMODAR PUR ART PARA	0.072	27
DAMODARPUR SHIBMANDIR PARA & COAL PARA	0.020	29
IKRAH RAJARAM DANGA	0.083	28
IKRAH BAGDI PARA	0.096	29
IKRAH MUCHI PARA	0.007	29
IKRAH SCHOOL PARA	0.048	28
IKRAH BOURI PARA & BADIYAKAR PARA	0.011	29
HUDDUBI SANTAL PARA	0.015	28
MOHISABURI & RAIL LINE DHAR BASTI	0.027	29
CHANDIPUR UPPER BOURI PARA	0.054	28
SARTHAK PUR UTTOR BOURI PARA	0.069	28
SARTHAK PUR DAKHIN BOURI PARA	0.033	29
SEKPUR BOURI PARA,KORA PARA & MAJHI PARA. & SEKPUR SIMULTALA	0.059	26
IKRAH STATION MUCHI PARA	0.027	28
BALANPUR UTTAR BOURI PARA	0.022	28
BALANPUR DAKHIN BOURI PARA & MAJHI PARA	0.071	28
INDIRA AWAS	0.119	30
BIJPUR UTTAR BOURI PARA	0.026	65
BIJPUR DAKHIN BOURI PARA	0.064	68
KANTAGORIA DOM PARA, SANTAL PARA, KORA PARA	0.037	66
SATGRAM BOURI PARA(1 NO) NEAR RAJPUT DANGA	0.053	66
SATGRAM DOPARA & AMTOLA BOURI PARA	0.032	66
CHANDANGA MAJHI PARA	0.034	66
MITHA PUR KORA PARA,MAJHI PARA & BOURI PARA	0.270	67
NORTH BROOK MJHI PARA	0.080	66
SATGRAM FATAK BOURI PARA	0.089	67
JOBA ART PAR,SIMULTALA,MALATI PARA,KATHAL TOLA ,NAMO JOBA, MORE PARA, & JOBA AAT PARA.	0.109	60
UPPER JOBA DANGA PARA,DEWLI PARA ,JARULI PARA,JOBA MAJHI PARA & MOLLA PARA	0.003	60
SHIBDANGA KORA PARA & MAJHI PARA	0.074	59
CHANDA BOURI PARA (EAST) & MUSLIM PARA	0.044	61
CHANDA RUIDAS PARA & MAJHI PARA	0.060	59
CHANDA WEST BOURI PARA	0.012	61
CHANDA DAS PARA	0.052	59
CHANDI PAHAR,DAGA KUTHI,TANTI DHOWRA	0.009	59
INDRA COLONY	0.033	61
VIP COLONY	0.014	58
NINGHA LAL BANGLA & KHATAL PARA	0.052	84

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
NINGHA MOMIN MOHALLAH & BAIRAGI BAGAN	0.021	85
GIDHORIA PARA & NICHU CENTRE KHATAL PARA	0.037	88
NINGHA MISHIR BANDH KHATAL PARA	0.071	84
KALI DHAWRA	0.031	85
NINGHA NONIA PATTY & NINGHA SABJI PATTY	0.029	86
SHIBDANGA NICHU CENTRE & NONIA PARA VK COLONY	0.014	85
SRIPUR RANA & GOYALA PARA	0.040	54
TINPOTIA NAYA CENTRE	0.112	55
CHAI DHAWRA	0.010	54
MUSNABAD	0.049	54
CHHATIM DANGA	0.071	55
RANA NEW CENTRE	0.153	54
ATA NAGAR	0.011	54
SANICHIRI PARA	0.024	53
BAYON DANGA	0.060	55
COL DIPO PARA	0.141	55
BHANDAR PARA	0.049	54
MUSLIM MOHALLA	0.054	51
SRIPUR RUIDAS PARA	0.024	49
NINGHA DHANGRAPARA & NEEM DHAWRA	0.026	49
NINGHA IMLI DHAWRA & BHATA PARA	0.016	51
SRIPUR MUKRIM MAHALLA & IND PARA	0.052	50
SRIPUR CHHATA DANGA & SCHOOL BOURI PARA	0.074	51
SRIPUR BAI SNAB PARA & BOURI PARA & Rajakpara	0.071	51
KORA PARA	0.116	48
BAGAN PARA(NORTH)	0.271	50
SRIPUR NAZIR PARA	0.019	49
AZAD NAGAR	0.013	50
NINGHA NICHU CENTRE	0.027	48
Banbishnupur	0.012	25
BanbishnupurSaldanga (St)	0.018	25
Bangla Para	0.013	24
KallaDaso Para	0.027	26
KallaGhosh Para	0.012	23
KallaHariMandir Para	0.011	25
KallaKeshab Para	0.012	24
Kanu Para	0.015	24
Kasai Gangul	0.026	25
kerabganj but para	0.014	25
Kerabganjnaturpara	0.015	26
BAGBANDHI BOURI PARA & BAGBANDH MONDAL PARA	0.023	24
BANGLA PARA & BANGLA TRIBAL PARA	0.015	25
DHARAM KALI BOURI PARA	0.013	24
KANKHAYA ROY PARA	0.012	25
KANKHAYA RUIDAS PARA, MUCHI PARA, BOURI PARA & BEGA para	0.015	25
KANKHAYA SAYAR PARA & FARINGDANGA	0.017	25
NICHINTA HARI PARA	0.009	25
NICHINTA KANTA NAGAR BOURI PARA	0.013	26
NICHINTA RUIDAS PARA & MUCHI PARA	0.014	24
NICHINTA TANTI PARA	0.018	26

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
NICHINTA UTTAR BOURI PARA	0.012	24
SATASH PARA	0.011	26
UPPER DHAWRAH	0.018	26
TAPSI MANDIR BYPASS	0.023	12
ChutarDanga	0.015	14
Dhadka R.I.C. Kanupara	0.015	11
Dhandari More Santal Para	0.013	12
Dinesh Pally	0.015	13
Dom Para	0.012	14
GarpariraMondal Para	0.013	11
GarpariraRuidaspara	0.011	12
GharpariaDalui Para	0.020	14
GharpariaGendipara	0.015	12
GharpariaGorgariapara	0.021	13
GharpariaGudupara	0.010	10
GharpariaKarmakarpara	0.012	13
GharpariaMondal Para	0.026	12
GharpariaNuna Para	0.016	13
Gharparia Road Side Bouripara	0.014	12
GharpariaSinghripara	0.009	12
GharpariraBouri Para	0.012	12
GharpariraRuidaspara	0.012	12
JoraDanda (S.T.)	0.015	12
KaliaAdarsha Para	0.018	12
KaliaBil Para	0.012	11
KaliaBouri Para	0.012	13
Kalia Bye Para More	0.013	11
Kalia I.O.C.	0.014	12
KaliaNamo Para	0.015	12
Kalia Road Side	0.017	13
KaliaRuidas Para	0.015	13
Kalia School Para	0.015	14
KaliaSukurMiya Para	0.019	12
Kalia Village Purba Para	0.013	13
kerab gang kana para	0.010	12
Kora Para	0.021	14
Natun Para	0.014	12
Near KaliaBrahamin Para	0.026	15
NeemDanga	0.031	11
North Dhadka R.I.C. More	0.024	14
NuniaBouripara&Kora Para	0.027	14
Nutan Para	0.016	13
Palpara	0.029	11
Ram Para	0.018	13
RamparaSantalBustee	0.023	12
Rampur Bouripara	0.014	12
Sal Danga	0.028	12
SatpukuriaBouri Para	0.044	13
Satpukuria Gram	0.017	12
SatpukuriaKora Para	0.017	13
Satpukuria Milan Para	0.017	12
BansarandihiNapitpara&Pikepara	0.017	32
Barpukuria (S/T)	0.024	31

Asansol Municipal Corporation

Name of the Sium	Area of the Slum	Eligible slum House Hold
Borpukuria Boring Para	0.016	32
Borpukuria Hori Para	0.016	31
BorpukuriaKora Para	0.016	32
K.D. Seam Colliery	0.016	31
KanyapurBouripara Lower & Upper	0.016	32
KanyapurDangapara	0.018	32
KatagoriaSantal Para	0.016	30
Palashdiha (S/T)	0.042	32
PalashdihaBhuiya Para	0.016	32
PalashdihaDangapar	0.014	31
PalashdihaShibani Para	0.016	32
SenRabigh (D) Block Bustee	0.019	30
SenRabighNadihaAmbagan	0.012	31
SenRabighNadihaNepalipara	0.018	32
Uttar DhadkaBouri Para	0.034	31
Uttar DhadkaHaripara	0.023	31
Uttar Dhadka Village Golgoria	0.012	32
CHALBALPUR(DANGALPARA)	0.118296	75
CHAPTORIA	0.0108239	75
DIGHARI	0.00793139	74
GOYLAPARA	0.0166191	76
LACHMANPUR DOM PARA	0.00463067	74
DEBIPUR	0.00979085	74
KADAVITA	0.0983308	75
PURANDI	0.0276248	74
BINDU DHAWRA	0.0109807	38
MAJHIPARA	0.00215761	37
MUCHIPARA	0.0249492	38
SAMAJ DHAWRA	0.0186559	36
SIMULBAND	0.0015168	38
CARADHAWARA 11 NO BASTEE	0.00866201	36
HASSANPURA & BOURIPARA	0.100507	38
HAZLAPITH	0.0311387	37
IMMLIDHAWARA & SANTHAL BASTEE	0.00887189	39
KORA PARA	0.0107591	37
MALICK PARA	0.0383496	38
KHILANDHAWRA RANCHIGRAM URIAPARA	0.0678475	37
NICHU DHAWRA NAYABASTEE,PATHARKHAD	0.064748	38
RANCHIGRAM HARIPARA ITABHATA	0.0233125	37
RANCHIGRAM CHAMRA GODOWN	0.0142316	37
RANCHIGRAM KULTI	0.0035002	36
BABULAL MONDAL PUKUR PARA BHANRA BOURI PARA	0.022814	65
DANGAL PARA	0.0117102	68
GANDHI NAGAR	0.0142992	65
GHUGHNAPARA (HANUMAN PALLY)	0.00609703	65
HATTALA BOURIPARA	0.03427	68
LOCOTANK	0.00910276	66
MASJID PARA GANDHINAGAR	0.0339005	66
SUTIDANGA	0.0278122	67
AZAD NAGAR,NAMO PARA,DHANGAR PARA	0.0610445	67
NAYAPARA	0.00562275	54
GHUGNA PARA	0.00941304	55
GRAMSTHAN	0.00552528	53

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
KAMALPARA WARIS MAHALLA	0.0176511	57
LOCO SITARAMPUR, KALIKAPUR	0.00834357	53
LOHARPARA PUCHU DHAWRA	0.048977	54
MANGALDHAWRA	0.0114935	54
OLD SITARAMPUR MASJID MAHALLA AND ALI NAGAR	0.0876234	57
OLD SITARAMPUR TAR PARA	0.0307724	54
SITARAMPUR NEW COLONY	0.0615098	52
SITARAMPUR BIDAIGARH & UDAYGARH	0.0533853	54
Bansarandihi	0.016	38
Bansarandihi Christianpara	0.017	41
Garui Badyakar Para, Garui Bauripara & Garui Gowalapara	0.016	39
Garui Braman Para	0.016	41
Hat Garui	0.012	39
Hatgarui Kachara Para	0.016	39
Marichkota Bouripara	0.023	39
Morichkotha Braman Para	0.016	41
Raghunathbati Gorai Para	0.021	40
Raghunathbati Gowala Para	0.016	40
Raghunathbati Kating Para	0.016	40
Raghunathbati Rajput Para	0.016	40
Raghunathbati, Bouripara & Mondalpara	0.020	41
Sudi Bauripara part-I, Tilabandh Santalpara & Sudihi Bauripara part-II	0.015	39
Sudihi Teli Para	0.016	40
DAS PARA SOUTH DHADKA	0.010	42
MUCHI PARA	0.010	42
SOUTH DHADKA	0.016	44
SCHOOL PARA	0.018	42
SHIB LAL DANGA	0.014	43
SOUTH DHADKA GOWALA PARA	0.015	43
Gobindapur	0.012	42
Bouripara (Sitla)	0.015	43
But Para	0.019	44
Moujeri Muslimpara Bouripara	0.019	42
Shitla Napit Para	0.016	42
Sitla Ruidaspara & Bouripara	0.011	43
Sitla Thandar Para	0.023	42
Thandar Para	0.015	43
Buatee Kalyanpur Housing	0.012	75
Lower Kumarpur	0.014	74
Lower Kumarpur (Muslimpara)	0.016	76
Lower Kumarpur (Bouri Para)	0.015	73
Lower Kumarpur (Ghosh Para)	0.010	76
Lower Kumarpur (Mondal Para)	0.012	74
Lower Kumarpur (Naya Bastee)	0.014	75
Mukherjee Para	0.009	74
CHAND MARI/ SREE NAGAR & B.P.L. COLONY	0.018	85
AZAD BUSTEE	0.015	85
BELDANGA	0.018	85
HALDI BARI	0.013	86
LALHAK AZAD BUSTEE	0.017	84
Near Dr. S.P. Vidyalyaya (Rohina Dihi)	0.019	87

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
Srinagar Village Weast Side	0.012	85
KISMAT NAGAR	0.016	120
LALCHAK	0.011	120
NAYA MAHALLA, MUSADDI MAHALLA & MAKKU MAHALLA	0.015	119
QURAISHI MAHALLA	0.018	120
UPPER QURAISHI MAHALLA BELL TALAW	0.017	118
ISLAM NAGAR, HAJI NAGAR & NICHU PARA	0.018	149
KODA PARA, DURGA DANGA & RAM NAGAR (GOSAJ DANGA)	0.021	150
NADIPAR NOORANI MASHID	0.012	149
GulzarMohalla	0.018	149
BABU TALAW EAST & POWER HOUSE	0.018	75
BABU TALAW PART-I	0.017	74
BABU TALAW PART-II	0.020	75
MAKKU MAHALLA & N.R.R. ROAD	0.015	73
NADIPAR SITAL DANGA	0.014	76
O.K. ROAD	0.029	76
OLD KABARSTHAN ROAD	0.023	74
SAMILA TALAB	0.017	74
DHADKA VILLAGE	0.017	41
DHADKA VILLEG/ NICHU PARA	0.014	41
DWARKA DANGA	0.013	38
JIT DANGAL	0.014	39
JIT DANGAL HARI PARA	0.010	38
LUCKY BAKERY PARA	0.011	40
PANJABI PARA	0.012	39
R.K. DANGAL HARIJAN PARA, BHUIA PARA	0.010	39
R.K. DANGAL BHUIYA PARA	0.013	38
R.K. DANGAL GOWALA PARA	0.012	40
R.K. DANGAL NADI PAR	0.014	43
R.K. DANGAL SOUTH DHADKA	0.017	40
RAMKRISHNA DANGAL	0.013	40
RUPKATHA PARA	0.016	40
SOUTH DHADKA PANJABI PARA	0.009	41
DOMARIYA MAHALLA & KHALARI TALAW	0.013	100
FARHAD NAGAR (MAJHARE) & KORI MAHALLA	0.012	101
JAHANGIRI MAHALLA	0.016	98
JINGRI MAHALLA, K.R. SICLE & PALLY BRIDGE	0.012	100
VISTI MAHALLA	0.013	100
MAHUA DANGAL	0.011	98
BAIRAGI TALAW	0.012	59
CHARBI MAHALLA, K.T. ROAD	0.013	60
CHAUKA BAHAL	0.016	59
DHADKA ROAD	0.019	60
KALI MANDIR RAIL PAR	0.011	61
KOIRI MAHALLA , K.T. ROAD	0.012	60
NEW BUSTEE	0.010	58
RAIL PAR BAIRAGI PARA	0.014	60
TARI MAHALLA PART-I	0.012	61
TARI MAHALLA PART-II	0.011	59
BAGAN PARA	0.015	38
BEL DANGA	0.017	37
BESIDE KALI MANDIR	0.015	37

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
BOURI PARA	0.016	37
CHHAI ROAD	0.012	39
DEPO PARA	0.015	37
GHOSH PARA	0.011	37
GOPAL NAGAR	0.028	37
GOPAL NAGAR BYPASS ROAD	0.015	37
HARIJAN PARA	0.015	38
JHOPAR PARA	0.010	37
KEDIA BARAK	0.011	37
PALAS DANGA	0.016	37
PREM NAGAR	0.019	37
RUIDAS PARA	0.020	38
SUKANTA PALLY	0.018	37
BANKI DANGA NABAPALLY	0.014	49
BANKI DANGA SANTAL PARA	0.015	49
BHUJA PARA	0.013	51
CHASI BUSTEE PART-I	0.009	48
CHASI BUSTEE PART-II	0.010	51
D.R.C. NICHUPARA	0.028	49
D.R.C. UPPER PARA	0.021	50
GHAGAR DANGA BEDIA COLD STORE	0.011	52
GHAGAR DANGA SANTAL PARA	0.013	49
LEE PARA	0.014	49
PURANA STATION AKURIA PARA	0.015	51
PURANA STATION MISTRI PARA	0.017	49
NEW SATGRAM UPPOR DHAWRA	0.049	86
MODERN SATGRAM KACHIKA DHAWRA	0.009	85
BOGRA UPPOR BOURI PARA	0.020	85
BOGRA NAMU BOURI PARA & ARR PARA	0.018	84
BOGRA THANDAR PARA	0.015	86
BOGRA JIBNA PARA	0.220	85
BOGRA LOWER DHAWRA	0.289	86
JiraDanga(S.C.-023)	0.265	60
6/7 P.S. Colony(S.C.-022)	0.111	58
CharakDanga(S.C.-026)	0.036	61
KadamDanga(S.C.-021)	0.283	59
PalashDanga(Adibasi)(S.C.-020)	0.089	60
RanisayerKora Para(S.C.-051)	0.170	60
RAJA KANTA (S.C.-024)	0.035	60
Dhibar Para(S.C.-58)	0.021	59
UPPAR BAURI PARA(SC-072)	0.055	60
ASHOK COLONY	0.022	60
HUCHUK PARA	0.034	75
AMRASATA BOURI PARA	0.102	76
SURMA PARA	0.030	75
Basket Para(S.C.-028)	0.029	75
KolkuliBouri Para(S.C.-025)	0.076	73
KatraburiBastee(S.C.-61)	0.013	75
THAKUR KULI PARA(077)	0.075	74
JORATAL PARA(S.C-029)	0.055	74
ALINAGAR	0.090	53
RONAI BOURI PARA	0.155	55
MAJAR SARIF	0.064	53

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
MAJHAR SARIF(SAHIDNAGAR)	0.064	55
RONAI IDGA(HAZI PARA MORAL PARA)	0.071	55
RONAI IDGA	0.071	55
AHMED NAGAR	0.028	54
MANGAL PUR BOURI PARA	0.088	53
ImambaraBastee(S.C.-56)	0.008	55
Karbala Bustee(S.C.-62)	0.092	54
RONAI KORAPARA(068)	0.050	55
GYAN BHARATI BOURI PARA	0.061	100
SISHUBAGAN DOMPARA	0.090	100
SALDANGA MUCHIPARA	0.012	99
Bhakat Para Bastee(S.C.-59)	0.113	101
Sukanta Pally(S.C.-64)	0.083	97
BARDHAI BASTI	0.052	100
SAHEBKHUTI BHUIA PARA(PURANMAL BHUIA PARA)	0.136	45
GOPAL DANGA	0.124	46
LINE DHAWRA	0.121	47
JADAV PARA	0.078	46
Dangal Para(S.C.-034)	0.030	44
KhamarDanga(S.C.-049)	0.093	46
PalashDangaBauri Para(S.C.-035)	0.060	48
Chasa Para(S.C.-60)	0.026	44
Raja Para(S.C.-63)	0.012	46
GORAI PARA(067)	0.018	46
GOBINDA BAZAR(S.C-033)	0.074	47
SUNDARI BAGAN(S.C-030)	0.074	46
KAMAR PARA	0.015	46
2 No. MusliaSalbonSanthal Para	0.014	21
Chatadhowrah	0.015	21
DamraChataDhowrahSanthal Para	0.010	19
Dom Para &Bauri Para	0.011	19
Kali Pahari	0.014	21
Kalipahari 2 no. Mohishila Thakur Bandh&SalbonBauri Para	0.012	19
Kalipahari 2 No. MohishilaTuri Para	0.013	22
KalipahariBhagonDhowrahSanthal Para	0.012	19
KalipahariBhutdobaKora Para	0.015	20
Kalipahari C.M. GhosickBauri Para	0.009	20
Kalipahari C.M. GhosickSanthal Para	0.011	21
Kalipahari Canteen &Nigha Valley Bauri Para	0.012	19
KalipahariChatapatharRajyar&Ghatoyal Para	0.020	20
KalipahariChunabhatiBauri Para	0.012	21
Kalipahari Colliery Adjacent Kora Para	0.019	19
KalipahariDobaliaBauri Para	0.015	20
KalipahariDompara, Pashi Para Bhuiya Para &Bauri Para	0.014	20
KalipahariGirishKuthiBauri Para	0.013	19
KalipahariKurthiaDangaBhuiya Para	0.011	20
KalipahariLaluDhowrahSanthal Para	0.011	19
Kalipahari New DobaliaSanthal Para	0.012	20
KalipahariNimDhowrahBauri Para	0.011	20
KalipahariParulDangaSanthal Para	0.016	19
KalipahariParulDangaSanthal Para	0.014	20

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
KalipahariPuranoDhowrahSanthal Para	0.014	19
KalipahariTuri Para Bauri Para	0.013	20
khalipahariNingha Valley Santhal Para	0.015	20
Kora Para	0.010	20
Roy Para	0.010	20
Santal Para	0.018	20
BHAGAT PARA & CHRISTAN PARA	0.017	75
BHAGAT PARA & MAJHI PARA	0.016	74
CHATTA PAHAR GLASS FACTORY	0.011	75
GOWALA PARA CHATAI DHARA	0.023	75
KALYAN NAGAR	0.015	74
T.P. ROAD CHRISTAN PARA	0.012	76
USHAGRAM MUNSHI PREMCHAND PALLY	0.021	74
DangaMohishila	0.012	74
B.B. COLLEGE PARA BUSTEE	0.028	120
G.T. ROAD & ARADANGA	0.022	119
G.T. ROAD USHAGRAM PURBASA GOWALA PARA & RAIL LINE	0.027	119
PURBASA & GOWALA PARA	0.015	120
BOURI PARA ARADANGA	0.017	119
BOURI PARA MURGASOL & BHAGAT PARA	0.028	149
DOM PARA, DILDAR NAGAR	0.044	148
MUSLIM PARA, DILDARNAGAR	0.016	151
SWEEPER COLONY, AMBEDKAR ROAD	0.016	149
BAGHAJATIN PALLY	0.013	65
SUKUMAR PALLY S.B. ROY ROAD	0.023	67
BACKSIDE OF 2 NO. BOROUGH BASTEE	0.016	67
BAGDI PAR & MAHISHILA COLONY	0.014	66
BARTAN PARA	0.016	66
HATAT PALLYVIVEKANANDA PALLY	0.017	66
KUMAR PARA, MOHISILA	0.016	66
PARESH GHOSAL BYE LANE	0.016	67
RUPBANDH TIA BAGA GOWALA PARA, DILDARNAGAR	0.016	67
18	0.013	54
SAMIRAN ROY ROAD BY LANE & MASJID BAI LANE	0.014	55
THANA ROAD (NEAR SOUTH P.S.)	0.012	55
BHAGAT PARA	0.015	53
KADAMTALA	0.014	55
MAIDAKOL MORE	0.009	53
NURUDDIN ROAD BYE LANE	0.013	54
R.K MISSION BY LANE (MUSLIM PARA)	0.021	55
RANGANIA PARA & GARIA PARA	0.014	55
S.B. GHORAI ROAD NAWAB PARA	0.012	55
TALPUKURIA NARUDDIN ROAD BUSTEE	0.013	54
B.B. ROAD BY LANE	0.011	40
BAKAR ALI BY LANE	0.012	40
ICE CREAM GOLI, N.S ROAD BY LANE	0.010	40
LATTAN STREET G.T. ROAD BASTEEN BAZAR	0.013	39
LEIGHTON STREET, KAMALA BHAWAN	0.012	41
M.H. STREET	0.010	39
M.H. STREET BY LANE SHAWKANTRA	0.013	39
NEW ROAD	0.010	40
PADMA TALAW, N.S. ROAD BY LANE	0.012	41

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
PAKKA BAZAR G.T. ROAD M.H. STREET	0.011	40
SAHA KATRA MAHAL BY LANE M.H. STREET	0.009	39
GADDYA MAHALLA	0.013	40
MUNSHI BAZAR	0.012	40
N.S. ROAD & NATUN HUT	0.015	40
PADMA TALAB	0.010	39
A. VILLAGE	0.015	51
BADYAKAR PARA, BAURI PARA, RAM SAYAR ROAD & DHIBAR PARA	0.014	50
DOM PARA	0.009	48
GOWALA PARA	0.010	51
N.S. ROAD KAMALA PUKUR LANE NATUN PARA	0.009	48
NAMO PARA	0.015	51
NAPIT PARA	0.014	51
RUIDAS PARA	0.009	49
SANKAR PARA (KHATIE)	0.013	48
SHIB MANDIR GHOSLA PARA & GANAK PARA	0.019	51
NATUN PARA	0.014	49
UPAR PARA	0.022	50
Achlabala Lane & Bank Lane More	0.014	75
Ambagan&Achalabala More	0.018	74
Chotopukurpara	0.016	76
Islampur& Master Para	0.015	74
Tanti Para	0.012	75
AsansolAmc Bank Lane	0.013	75
Bastin Bazar	0.015	74
Hata Para	0.017	74
Budha (Samanta Para)	0.010	45
BudhaAlimtala	0.013	45
BudhaAllimuddin Lane	0.012	46
BudhaChakraborty Lane	0.015	47
BudhaDangal (Near Kali Mandir) Bose para	0.014	47
BudhaKalipandey School &Bouripara& Kali Mandir Rd. (Bauri Para)	0.013	46
Budha Raj Para	0.009	45
Budha Raj Para Khatal	0.012	47
BudhaRamkanaiSthan	0.012	47
Budha Sweeper Para	0.011	47
Dusadpara	0.010	45
Hutton Road (Masjid Gali)	0.013	45
MuslimparaAllimuddin Lane	0.012	45
Badyakarpara, Chamantala&ChamanTalaw	0.010	120
Danish	0.012	119
RamkanaiSthan	0.013	119
RashdangaBauri Para	0.011	119
Sukanta Pally	0.015	119
BUDHA KALI MANDIR	0.013	51
BUDHA BANK LINE	0.014	48
BUDHA BOURI PARA	0.011	51
BUDHA DOM PARA	0.008	48
BUDHA NAMO PARA	0.012	51
BUDHA SHIB MANDIR	0.012	49
CHELIDANGA	0.012	50

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
GOWALA PARA	0.013	50
HILL VIEW	0.025	48
HUCHUK PARA	0.017	51
LORETO PARA	0.010	50
RAMBABU BARRAK	0.011	50
10 QUAETER CHELIDANGA RAIL GATE	0.012	85
BAJARANG BALI, BHARAT CLUB, B.D.G PATH, DURGA MANDIR, GREEN PARK, KARNANI SCHOOL & M.T LANE	0.025	85
K.V RAJ LANE, CHILEDANGA	0.013	87
NEAR BOROUGH OFFICE	0.020	83
NEAR MANIMALA SCHOOL, RAIL BUSTEE, UPPER CHELIDANGA	0.015	87
LOWER CHELIDANGA	0.015	84
NAZRUL PALLY	0.014	86
Bhadra Para Tati Para	0.019	101
Bhuiya Para	0.016	100
DhrubdangaBouri Para	0.016	99
Muslim Para (New Upper Chelidanga)	0.009	99
New Upper Chelidanga	0.009	98
TentulTala	0.016	100
NICHU PARA	0.016	199
RADHANAGAR NICHU PARA	0.015	200
District Library Court Area	0.013	198
Roy Para (Court More)	0.016	597
BAURI PARA	0.013	100
GOPALPORE DAKSHIN PARA	0.010	99
KALIKAPORE SANTAL PARA	0.011	101
SANTAL PARA & RUIDAS PARA	0.010	98
SAYER PARA BHUNIA PARA	0.018	100
TURI PARA & DAKSHIN KALIKAPORE	0.013	99
EVELING LODGE	0.019	85
GOPALPUR UTTARAYAN	0.025	84
KUMARPUR MUSLIM PARA	0.025	87
NEPALI PARA (WEST APKAR GARDEN)	0.014	84
G.T. Road GopalpurBouri Para	0.016	88
Gopalpur	0.014	83
Ramjibanpur (Santal Para)	0.014	86
CHAUBEY NAGAR	0.013	46
MATI PARA	0.013	46
NAGINA KHATAL	0.015	45
R.N. ROAD MASHANGHAT	0.014	45
RADHA NAGAR ROAD BAURI PARA & TAL PUKURIA 8 NO RLY	0.017	47
RAILWAY KHATAL	0.018	47
8 No. Bustee B.P.L. Quarter	0.016	44
8 No. BusteeBouri Para	0.016	46
8 No. BusteeKalimandir	0.016	46
8 No. BusteeW.Side Of I.I.S.Co Railway Line	0.016	47
Santa 8 No. BusteeNamo Para	0.016	47
Santa 8 No. BusteeNamo Para (Hodla)	0.016	45
Santal 8 No. BusteeBehari Para (New)	0.016	46
SALDANGA - SANTAL PARA	0.014	20
Barachak Bangla Dova&BorachakBangiaDova	0.014	21

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
BarachakGaroan Para	0.023	21
BartoriaBouri Para &BortoriaMaji Para	0.009	20
Bede Para	0.027	22
Bihari Para	0.018	21
BoilaDhawra	0.020	22
BorachakBoringdanga	0.020	21
BorachakMoylaDhora	0.025	22
BorachakTelipara&BouriparaBarachak Gram	0.034	24
Borodighari	0.009	21
Bouripara	0.025	21
ChotoDigari	0.020	22
DulanakaChotodighari	0.017	21
Fatepur	0.013	22
Mandir Para Arrh Para	0.014	21
MoilaDhawra	0.013	22
Narsumuda	0.030	22
NarsumudaSimuliaBustee	0.020	21
Nepali Bustee	0.010	21
Nichupara Part-I	0.009	21
Nichupara Part-II	0.020	21
Nutan Pally Bouri Para	0.022	21
Pasipara	0.022	22
Road Side	0.023	22
Santal Para	0.022	21
Thakur Para	0.019	20
Upar Para	0.018	21
DHEMOMAIN 5NO LALA DHAWARA	0.0201687	54
DHEMOMAIN C.P.DHWARA	0.0433172	56
DHEMOMAIN COLLIERY,NEW QUATER,KHARAMBAD KAILA PATTY	0.0373285	56
DHEMOMAIN MAJHI PARA	0.0280678	54
DHEMOMAIN MASJID PARA	0.0301956	53
DHEMOMAIN MONDAL PARA ,MAJHIPARA	0.0380216	54
DHEMOMAIN SCHOOL PARA	0.00402145	54
JAGADIHI BOURIPARA	0.0138709	53
JAGATDI MAHALI PARA	0.0293035	55
JAGATDIH BOURIPARA &GULGULIA PARA	0.00861605	54
ROITORA 3 NO KOTHARGORA	0.0334386	54
KUMARDIHA	0.0660806	85
MADRASA PARA	0.0875331	85
MASJID MAHALLA,AZAD BASTI SAUDAGARH MOHALLA	0.0759162	88
BELRUI RATHTALA,CHABKA	0.203443	83
LACHIPUR KUSTHAPALLY & SALKANALI MAJHIPARA	0.0902551	85
LACHIPURKALIMONDIR BUSTTE,KAPURIAPARA,DOMPARA,	0.153894	85
NABINAGAR	0.0543585	86
KAMAR BANDH	0.0251131	66
MAHABIR PARA, TALIPARA MADRASA PARA,DASPARA & JADAV PARA	0.156133	67
NEAMATPUR BOURI PARA, MANDIRPARA	0.0149757	65
NEAMATPUR MANDAL PARA	0.00476907	66
NEAMATPUR SAYER PARA (DAKSHIN)	0.0109469	68
NEAMATPUR SAYER PARA (UTTAR)	0.00887674	65

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
NEAMATPUR VILGE, GHURNAPARA,DOME PARA & HUCHUK PARA	0.0137092	67
SITAL DHAWRA	0.014632	66
TAHORAM 4 NO	0.0916724	67
DEDI VILLAGE	0.0365786	120
KULTORA (MAHALI PARA)	0.0163649	120
KULTORA MUSLIM PARA & BOURI PARA	0.112767	119
MUCHIPARA & AZAD BUSTTE	0.0494104	119
NAYAPARA	0.0790987	119
AMBAD BUSTEE	0.0808759	56
CHAPAPARA	0.0316328	53
HATTALA BAURIPARA	0.0236896	54
KORENBERA	0.00648407	55
NEW COLONY	0.12932	54
PUNURI	0.103421	53
TETULPARA	0.0101584	54
UPPER KULTI HARIPARA,BHUIA PARA	0.0691829	56
BOHAL	0.0560785	54
BOHAL EAST	0.079091	54
DANGALPARA	0.110672	54
AZAD NAGAR	0.0784591	66
DHANKHELI	0.0169619	66
IMMLITAL , KATGOLA	0.0120262	66
KHALIL NAGAR	0.0452098	67
MASJID PARA	0.0154897	66
PATIANA MAHALLAH, PATINA MAHALLAH	0.0640092	67
PATIANA MAHALLA RAHIMPARA	0.0248286	66
SAHID NAGER	0.0267309	66
STAR CHAMBER	0.00383182	67
SIMULGRAM	0.11077	597
6 NO GATE GOALAPARA	0.0317869	149
NICHUGRAM GOALAPARA	0.0577328	149
SABJI MOHALLA RAHIMPURA	0.0276007	151
SAHI MOHALLA	0.00859176	148
BALTORIA	0.0766181	75
CHAIGADA,KALINAGAR&TETULPARA	0.025547	75
FAKIR MAHALLA & DOME PARA	0.0289447	75
GHATOYAR PARA,BHUYA PARA,LOMIA NAGAR	0.0585492	75
KALALI ROAD, FAKIR MAHALLA	0.0115214	74
RAMNAGAR DHAKINPARA	0.0387157	75
RAMNAGAR MALICK PARA	0.0990574	74
RAMNAGAR UTTARPARA	0.0489475	74
LAKHIABAD	0.0266998	299
SAHEBDHAWRA	0.0131059	298
CHOUBAY HATA	0.0166576	49
DAS PARA	0.0172421	50
DIPU DANGAL	0.0275436	51
GOWALA PATTE	0.0183624	49
KARIMDANGAL	0.0378738	50
SANTI NAGAR	0.0212098	50
DEVNAGAR,KULIPARA& MADRASIPARA	0.0321608	50
DURGAMANDIRPARA HOSPITAL ROAD DASPARA	0.010608	50
JAMALI MAHALLA&SARADA PALLY	0.039466	49

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
MANBERIA	0.0302983	50
MANBERIA WEST	0.0118548	48
SUKANTA PALLY	0.0321111	51
BEGUNIA BOURI PARA	0.0163135	59
BEGUNIA HANUMAN CHARAI	0.139248	62
BEGUNIA MOLLAPARA	0.0737339	58
BEGUNIA NIMAKALALI	0.0143885	61
BIRIDANGAL	0.0769073	60
DOMPARA	0.00838526	61
FORSHADANGAL	0.0446986	59
MAKURIYA PARA	0.0395023	60
ARADANGAL MUSLIMNAGAR	0.108543	58
BEGUNIA NALI PARA	0.00547037	59
Upper Road Truck Stand	0.016	120
12NO LOCO LINE	0.0377612	120
JHANAKPURA PUTTIA DANGA	0.00604658	119
KUMARPARA	0.00673508	118
L.C.MOREKANCHAN PARA	0.0119671	120
BNR BUORI PARA	0.0481871	120
BNR MASJID PARA	0.0225169	119
POST OFFICE PARA,WORKS ROAD,DOME PARA	0.0374433	120
RANITALA,SOUTH RANITALA,N.S.ROAD,DOME PARA	0.167519	118
BDO PARA,B.N.R BOURI PARA,B.N.R GOWALA PARA	0.0730792	120
NEW ROAD THANA MORE,GOYALPARA,SRIPUR VILLEG(EGOYALPARA)	0.0210538	199
NEW ROAD THANA MORE,GOYALPARA,SRIPUR VILLEG(NEW ROAD THANA MORE)	0.00225033	199
NEW ROAD THANA MORE,GOYALPARA,SRIPUR VILLEG(SRIPUR VILLAGE)	0.012039	199
AKHAN BAGAN,LACHIPUR KUIRIPARA,MADRASHAPARA,MAJIPARA,GOWLAPARA,BOURIPARA	0.249705	59
ALDIHI BADIYAKAR PARA,	0.00109922	60
ALDIHI BOURIPARA(Belgura)	0.00833635	60
ALDIHI KARMAKARPARA,	0.00440063	59
ALDIHI SAIR PARA	0.0066293	59
ALDIHI TINTOLA MAJIPARA	0.0107431	61
BEJDIHI BOURIPARA	0.0360644	59
BEJDIHI KUIRPARA	0.0244016	60
BEJDIHI YADABPARA	0.0187831	60
Tal pakur ,Bouripara	0.0371098	60
MITHANI BOURIPARA,MITHANI PATRAPARA	0.155845	85
BEJDIHI KEOT PARA	0.0028846	86
RANISAYER MAJI PARA	0.0209865	85
PATHMOHANA (CARTIN DHAWRA)	0.0306582	85
PATHMOHANA(TALI DHAWRA)	0.0105564	84
PATMOHANA(CHUNADHAWRA)	0.00678537	86
SALUNI	0.0177761	86
SANTA DANGA	0.022	31
SANTA DANGA QUARTER	0.017	31
8 No. Gandhi Market	0.016	28
New Town 7 No. Road	0.016	31
Santa	0.016	29

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
Santa 8 No. BusteeBehari Para	0.016	30
Santa 8 No. Bustee Bit Para	0.016	29
Santa 8 No. BusteeHodia Para	0.016	30
Santa 8 No. BusteeKhatal	0.016	29
Santa 8 No. Bustee More Machpatty	0.016	30
Santa Bauri Para	0.010	29
Santa Behari Para	0.016	31
Santa Dilbar Para	0.015	28
Santa Dom Para	0.010	30
Santa Horizon Para	0.016	29
Santa Maji Para	0.018	30
Santa Muchi Para	0.013	30
Santa Orriya Para	0.019	31
Santa Sahara Para	0.025	31
Santa Upper Para	0.025	30
AMBEDKAR NAGAR	0.015	56
DHRUP DANGA BHUIYA PARA	0.011	53
DHRUP DANGA HELA PARA	0.010	54
DHRUP DANGA MUNGERI PARA	0.010	56
DHRUP DANGAL (SEBASAMITI MATH)	0.010	53
DHRUP DANGAL UPPER PORTION	0.016	54
GURUDUWARA(D. DANGAL)	0.011	54
NEAR NAGA BABA KUTIA (D. DANGAL)	0.012	56
NEAR WATER TANK(D. DANGAL)	0.011	53
PURNIA TALAB(D. DANGAL)	0.009	54
SITASAR TALAB	0.010	54
BAURI PARA	0.012	38
DAS PARA	0.011	37
DUBEY PARA	0.017	38
JANTA ROAD & PANJABI PARA	0.014	38
LAL MATI	0.011	37
MALLIK PARA	0.015	38
MUNGERIA KHATAL	0.011	35
MUNGERIA PARA, N. BANDH	0.014	37
NARSINGBANDH KALI MANDIR	0.013	37
NARSINGHBADH	0.012	37
PURNIA TALAW	0.013	37
RAJASTHAN ROAD, N. BANDH	0.013	37
SANTOSHI MANDIR	0.013	38
SHAW ROAD	0.012	36
NARSHIGBANDH KATH GOLA MAIDAN & MALLICK PARA	0.010	39
SUBHAS PALLY MAIN ROAD	0.012	38
10. No Gate Rly. Jhupri	0.016	50
Burnpur Bus Stand	0.016	50
BurnpurCinemahall Road	0.016	50
Burnpur Club Staff Quarter	0.016	50
Burnpur Girls High School Road Jhupri	0.016	48
Burnpur Rly Colony Near Rail Station	0.016	51
Cresent Road Outhouse Anater	0.016	49
Gurudwara Road, Burnpur	0.016	49
Petrol Pump, Burnpur	0.016	51
SatyanarayanVidyamandirJagannath Temple	0.016	51
Station Road Jhupri	0.016	49

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
Upper Road Out Home Quarter	0.016	49
AHMED NAGAR	0.010	84
SASTRI NAGAR	0.012	87
AHMED NAGAR BEHIND BUS STAND	0.012	85
AHMED NAGAR KALINDI BUSTEE	0.009	85
CHAVAL PALLY BEHIND BUS STAND	0.010	85
SHANTI NAGAR BURN PUR MAIN ROAD, SCHOOL ROAD & VIV	0.016	85
SHANTI NAGAR P.R. BOSE ROAD	0.015	86
KachuBagan	0.009	85
Karimdangal	0.011	85
KarimdangalMondal Para	0.012	86
karimdangalSaraswatiAsram	0.020	86
PurniaTalaw	0.012	84
Shanti Nagar	0.019	86
ShantinagarMahabir Than	0.015	85
Bekari Road, Purana Hat	0.018	60
Gowala Para Rambandh	0.017	59
PuranhatChashi Patti	0.016	59
Purnahat Main Road	0.017	61
RAM BANDH FRIENDS CLUB	0.014	59
RAM BANDH PANJABI PARA	0.011	61
RAM BANDH SHANKAR TAKIES	0.010	59
RAM BANDH SITALA MANDIR	0.011	60
SHYAM BANDH BOURI PARA	0.015	60
SHYAM BANDH CANTEEN PARA	0.017	59
ABDUL HAMID NAGAR	0.034	85
ALAM NAGAR & RAHAMAT NAGAR MAZAR SARIF	0.009	85
NAYA BUSTEE	0.019	86
PANCHIL	0.018	86
RAHAMAT NAGAR NAI BUSTEE	0.017	85
RAHAMAT NAGAR, RAHAMAT NAGAR ROAD NO. 2 & ROAD NO. 3	0.018	85
ROAD WAY RAHAMAT NAGAR	0.017	85
Homeopathy College Area	0.016	120
Krishna Nagar (Near GhantiBandh)	0.016	120
Masjid Goli	0.012	118
Sasthinagar Muslim Mohalla	0.016	120
Satabdi Nagar	0.016	119
B.R.M. Banerjee Lane & Bye Lane Bauri Para	0.012	42
Backside Of RamkrishnaVidhyalaya&BatulKalibari	0.013	43
Benimadhab Nagar	0.021	42
Indraprastha	0.016	43
Ismile Madhya Para	0.012	43
Karmakar Para	0.016	41
Kora Para	0.014	42
MasiGoli	0.012	42
Muchi Para	0.018	43
Near Dharma Mandir	0.014	43
Near Muchi Para	0.019	44
R.K. Roy Road Bye Lane (Bauri Para)	0.019	43
Rajak Para	0.019	43
Vivekanandapally including Bouri Para	0.016	43

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
2 NO. MAHISILA COLONY	0.025	51
3 NO. MOHISHILA COLONY	0.016	49
ARABINDA PALLY & SIMULTALA	0.027	50
B.R.M. BANERJEE ROAD BY LANE & G. PALLY	0.022	51
BOURI PARA, TANTI PARA & AMBAGAN	0.026	51
GURUNANAK PALLY PREM NAGAR	0.031	49
M.T. SARANI ISMILE BY LANE & MANAB SARANI BY LANE	0.024	51
PAL PARA & BOURI PARA	0.027	50
RUIDAS PARA ISMILE	0.016	48
SARASWATI PALLY & HOSPITAL MORE	0.018	47
SHYMANSAN PARA & SHAH PARA	0.023	49
SUNVIEW PARK	0.016	51
SANHATINAGAR, SAMITI & LAHIRI GALI	0.029	150
RECRATION BUSTEE S.F. ROAD BOURI PARA	0.017	148
M. COLONY	0.034	149
RAMGULAM SINGH ROAD	0.023	150
aradangaSantal Para	0.014	54
DamraHattola	0.015	54
Kashai Mahalla, Sag Roundin 6 Massid	0.010	55
KotalDihi	0.011	53
Salban	0.014	55
JugiDhowra	0.016	56
Mohishila Village Part-I	0.013	52
Mohishila Village Part-II	0.012	55
Petosaluni	0.016	54
RatanDhowra	0.016	54
Sahibkuthi	0.016	55
COLLEGE BASTI	0.027	199
TIKIA PARA	0.016	199
KALWAR PALLY(071)	0.014	199
NABINAGAR BAMGHOSH	0.139	199
HILBASTI DOMPARA	0.052	199
DHOBIA PARA	0.019	199
MAJ BOURI PARA	0.042	75
RAJOWAR PARA	0.021	75
MAJ BOURI PARA(MUNDA BASTI,NICHU BOURI PARA)	0.042	75
NATUN BASTI(NIBEDITA PALLY)	0.103	75
DHAROS KULI BASTI	0.015	74
GOWALA BANDH(SC-065)	0.015	75
M.M. LANE(069)	0.005	75
BURNS DHOWRA(S.C-070)	0.026	73
KASHIPUR DANGA(MASJID PARA)	0.152	75
TalpukurBasti(Chatnapara)	0.121	74
TALPUKUR BASTI	0.101	75
KATHGADA	0.169	75
FatakduarBasti(PrarBandh,MahabirGanj)	0.142	74
FatakduarBasti	0.152	76
Charbi Mahalla(S.C.-055)	0.017	74
Old Tanti Para(S.C.-57)	0.009	74
TALBAGAN BASTI	0.102	299
SASTI GORIA DOMPARA	0.006	298
MOULDANGA JAMUNA BANDH	0.042	53
HALDERBANDH	0.044	56

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
Kirtania Para(S.C.-005)	0.021	55
KISHAN PALLY (S.C.-052)	0.055	54
KeoraBustee(Tewari Para)(S.C.-053)	0.044	53
Gopal Singh Bustee(S.C.-054)	0.018	54
Asok Pally(BujirBandh)(S.C.-050)	0.518	56
Tina Patti(S.C.-66)	0.011	54
VIVEKANDA PALLY(074)	0.023	53
HATIA TALA(075)	0.017	54
RAJPARA KHATAL(076)	0.016	55
Apis Para	0.015	75
Baradanga	0.009	74
Barthol&Ghuskapara	0.011	75
Dhenua	0.027	74
Kalajharia, Bouripara	0.018	75
NutandihiGope Para	0.020	75
Talkuri	0.020	75
TalkuriBauri Para	0.025	74
BAISNAB BANDH KALI MANDIR	0.011	31
BAUSNABMATH BUDDHA MANDIR	0.016	32
NABAGHANTI 22 PALLY	0.013	31
NABAGHANTI BABU PARA	0.012	31
NABAGHANTI BOURI PARA	0.014	32
NABAGHANTI GOWALA PARA	0.020	32
NABAGHANTI HEALTH CENTRE	0.010	31
NABAGHANTI NAMOPARA	0.012	32
NABAGHANTI NATUN PALLY	0.011	31
NABAGHANTI NETAJI NAGAR	0.011	31
NABAGHANTI PUKUR PAR	0.015	32
RAM BANDH ADARSHA VIDYALAYA	0.016	32
RAM BANDH BASANTI MATH	0.013	31
RAM BANDH INDRAJIT PUKUR & KORA PARA	0.013	31
SHYAM BANDH CHASI PATTY	0.021	32
SHYAM BANDH CHUNA BUSTEE	0.013	31
SHYAM BANDH DANGAL	0.014	30
SHYAM BANDH KALI MANDIR	0.016	32
SHYAM BANDH MUNSHI PREMCHAND ROAD	0.016	32
Badyakar Para HirapurAmbagan	0.027	50
Bauri Para, HirapurDakshinpara&Gowala Para	0.018	48
Bharatdwaj Pally, Kankardanga, Riverside Hirapur More, KankarDangaLeprocyColoney&Hirapur	0.020	52
Dharmatala&Diyashi Para	0.020	49
Dompara	0.025	51
Hostel More	0.034	50
Madhyampar, Hirapur	0.009	50
Manikchand Pally	0.025	50
Sukanta Pally	0.020	51
Technical Colony	0.017	48
TetulTala	0.013	49
Thakur Pukur, Ambagan	0.014	49
DAMODAR SURI PARA	0.014	45
DIHIKA BOURI PARA	0.014	47
DIHIKA DHIRA PARA	0.012	48
DIHIKA PARA	0.014	46

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
KUILAPUR	0.020	47
KUILAPUR BEGUNBARI	0.013	46
KUILAPUR LINE PAR	0.012	46
MUCHI PARA	0.010	45
NAKRA STAND DOKRA PARA	0.011	45
NAKRASTANTA DOME PARA & BOURI PARA	0.013	46
NAYA BUSTEE	0.011	45
PURANA PARA	0.014	46
PUROSSOTAMPUR	0.009	45
DHARAMPUR GOWALA PARA, DHARAMPUR MARKET ROAD, DHARAMPUR NEAR IMAMBARA, DHARAMPUR NEAR MAJID, DHARAMPUR NEAR SHIV MANDIR & DHARAMPUR	0.017	100
HARAMDIDIHI	0.020	101
HUSSAIN NAGAR	0.018	99
NEAR H.D.L.C. UPPAR DHARAMPUR	0.018	100
QAUAM NAGAR, RANGAPARA HARIZAN BUSTEE	0.018	98
ANAND NAGAR	0.013	99
ALUTHIA	0.100848	43
BHARATCHAK	0.00966009	42
BIDYANANDAPUR	0.0822064	43
BINODBAND (JORE PARA,BANDH PARA)	0.0509406	41
CHAPARID	0.0854726	43
CHINAKURI (1&2 PITS) GROKH PUR CAMP	0.0034277	43
HEALTH CENTER BOURI PARA	0.00318059	44
JUNUT (Mahatapara)	0.0214263	43
JUNUT (Mallickpara,Bouripara)	0.0228716	42
KARENJABERA	0.044583	44
MAHABIRSTHAN PURBA PARA	0.0034933	42
PALASH DANGA	0.0139196	42
SURYANAGAR & BELDANGA	0.0752262	43
SURYANAGAR (ORANG PARA)	0.00187743	42
CHINAKURI HELA PARA	0.00316927	42
CHINAKURI LINE PAR (1&2 pits)	0.0353198	42
DHARIPATTI NICHU DHAWRA	0.00377299	43
IMLIDHAWRA	0.0166132	42
MAHABIRSTHAN DIPO PARA	0.00376359	43
SHANKAR MANDIR PARA, PASCHIM PARA & MASJID PARA	0.00714991	43
BAGA KUTIR	0.0365401	43
BOURIPARA & BANKA PARA	0.0124169	42
DHARMATALA ,HAZRA PARA & BOURI PARA	0.0121853	43
KHYAL CHAND DHAWARA,	0.0212568	41
MAJHI PARA	0.0389097	46
RAJWARPARA	0.0270456	42
RANGUNIYAPARA	0.0161581	42
SUGANDHI NAGAR	0.0207677	43
ASANBANI	0.0439528	38
BARADANGA	0.105433	37
BARADHOWRARA	0.0456615	38
BELDANGA	0.0302017	38
DEBUDHAWARA,	0.0505592	38
GURUDHAWARA	0.0278104	38
MALATI DHAWARA,	0.03415	36

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
PAPRA DHAWARA, CHAIDHAWARA, NEPALIPARA & NUNIA BUSTE	0.0441661	36
MONOHAR CHAWK(MAJHIPARA)	0.0207721	38
SIMULDANGA & GOYALPARA	0.0095493	38
SITALPUR BOURI PARA	0.0212956	36
SITALPUR SUPHAL DHAWARA	0.0220457	38
SITALPUR 6 NO GOYLAPARA	0.00576011	37
SITALPUR 6 NO MAJHIPARA	0.00462885	37
SITALPUR KEORA PARA	0.00268045	37
SITALPUR MAHESH DHAWARA	0.0512372	37
BHASKA DHAWRA, CHAPADHAWARA	0.072997	25
HOPNA DHAWRA	0.00707117	24
KAMALA DHAWARA	0.00701981	24
KUNDALI DHAWARA	0.012356	26
MOHON DHAWARA	0.0090758	25
PARU DHAWARA	0.00321006	24
RADHANAGARHATIA, PALASHDIHA, CHAKALTA & POIDIHI VILGE RADHANAGAR BOURIPARA	0.24532	25
SADHU DHAWARA	0.00658882	26
SOEPUR BOURIPARA	0.0228726	26
SOEPUR MAJHI PARA & DOM PARA	0.0223943	24
SOEPUR PROPER VILGE,	0.0965187	24
SOEPUR WORKSHOP 7 NO PARA	0.0146274	22
SOEPUR WORKSHOP BHUNYA PARA	0.00278459	27
SOEPUR WORKSHOP PASWAN PARA	0.00552878	24
SUNDHAR CHAWAK	0.0761566	24
TULSI HIR	0.00844079	24
BANDNAMO	0.0371177	25
CHOTODHEMO 3 NO GATE LINE DHAR	0.00769409	24
CHOTODHEMO MUCHIPARA	0.00822672	25
CHOTODHEMO PANKEYARI	0.0202985	26
GANGUTIA	0.0614275	25
GANGUTIA ROAD	0.0583351	26
KARARGORIA	0.0480913	26
SARAK DHAR CHOTODHEMO	0.0165953	26
AJIT CHAKTABORTY COLONY	0.00365549	37
BELACHAK	0.0168364	38
BOLDIHI	0.0156498	38
CHUNGARI	0.0376147	36
HATINAL BOURIPARA	0.0170303	38
HATINAL DANGALPARA	0.0260079	37
JASAIH LINEDHAR BOURIPARA, MAJIPARA, GORAIPARA & BOURIPARA, KATEL KULI BOURIPARA, KUMARPARA, JHELPARA, BAMUNPARA	0.183638	38
NARAYANCHAK	0.0348894	37
NICHU BOLDIHI	0.0435731	38
RAKTA MUCHI PARA	0.0393915	38
RAKTA RAY PARA	0.0210496	36
ARABINDA NAGAR BOURIPARA	0.00995425	37
BIRLA BUSTTE	0.0188079	38
BIRLA KAT QUARTER	0.0158398	37
RAMCHANDRA DANGAL	0.0133807	37
ARABINDA NAGAR, MOHEN SINGH DANGAL, GOWALA PARA	0.00865357	37

Asansol Municipal Corporation

Name of the Slum	Area of the Slum	Eligible slum House Hold
BANDDANGA	0.0384159	150
NETAJI COLONI	0.00250316	148
SANCTORIA EAST	0.415796	149
SANCTORIA WEST	0.427673	150
SITALPUR RAJWARPARA	0.0239901	66
12NO,KOSAIMAHALLA SASUBAGAN MASIAD PARA BASAGARHIR BOURIPARA	0.109586	66
BASANDHAWARA(MAJHI BASTEE,LINEDHAR,BOURI BASTEE)	0.0425648	68
BHAGABANDH SANCTORIA BHAGABANDH MUSLIM BASTEE & DISHERGARH BHAGABANDH BOURI PARA	0.0418449	66
DISHERGARH NORTH,SARISHATALA BOURI PARA,MODHKULI BOURI PARA,MALLICK PARA,BAZAR BOURIPARA,CHAPAPUKUR BASTEE	0.0867978	67
DISHERGARH SOUTH,DISHERGARH NADIGHAT,CAWRAPARA	0.0253801	65
GHUSIK DANGA	0.0145938	68
NIMEJARA(6 NO,MAJHI BASTEE,6 NO DHAWARA,PEER MELA,KRISHTA DHAWARA,JOEDANGA)	0.183622	65
PURBACHAL SHAYAMPUR MAJHI BASTEE	0.00521436	66
BonogramShyamdihi, Chasi Patty, Nayabustee& Panjabi Danga	0.039	597

No. N-11027/19/2015-HFA.1/Vol-2 (FTS-13988)

Government of India
Ministry of Housing & Urban Poverty Alleviation
(HFA-4 Division)

Nirman Bhawan, New Delhi
Dated the 21st June, 2016

To,
All States/UTs
[Chief Secretaries (List-I)/Secretaries (List-II)]

Subject: Amendments in the Guidelines of Pradhan Mantri Awas Yojana (PMAY)-HFA (U) Mission – reg.

Sir/Madam,

I am directed to refer to this Ministry's communication No. N-11026/06/2014-PPG/FTS-11733 dated 26th June, 2015 intimating therewith launch of PMAY-HFA(U) Mission. The Scheme Guidelines were also circulated therewith. Some amendments made in the Guidelines were subsequently circulated vide this Ministry's letter No. N-11027/19/2015-HFA-1/FTS-12985 dated 22.09.2015 and vide letters of even number dated 9th November, 2015 and 25th May, 2016.

2. In continuation of these communications, I am directed to say that following amendments have been carried out in the PMAY (U) guidelines:

(a) In Annexure 7A, 7B, 7C and 7D:

- 1) No. house constructed/acquired
Please specify ownership (any of these):
 - a. [Joint: 01, Female: 02, Male: 03, Transgender: 04]
- 2) No. of Beneficiaries covered in project:
 - a. [Male: 01, Female: 02, Transgender: 03]
 - b. Persons with disability
- 3) Number of Locations covered in project:

Name of Location	No of beneficiaries	Whether slum/Non slum (y/n)	If y, 1 if notified, 2 if recognised and 3 if identified	If slum, whether it gets completely rehabilitated(y/n)

(b) In Annexures 4A and 4B

Whether the family owns any house/residential land anywhere in India-
remove word "Residential Land"

Contd.....2/-

Implementation Schedule 2016-17

Sl. No.	Activity	2016												2017																			
		September			October			November			December			January			February			March			April			May			June			July	
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
1.0	Preparation of field works & MIS entry																																
2.0	Construction of Single storied DU including S & P, Elec.																																
3.0	Geo-tagging of DU																																
4.0	Infrastructure Works(Tendering formalities and Implementation for field works																																


 SHALABH
 ARUNACHAL PRADESH

Architectural floor plan of a house with the following dimensions and room details:

- Overall Dimensions:**
 - Top: 3400
 - Bottom: 3625
 - Left: 1900
 - Right: 3025
 - Internal Left: 3700
 - Internal Right: 3375
- Rooms and Dimensions:**
 - W.C:** 1000 X 900
 - BATH:** 1170 X 1025
 - KITCHEN:** 1850 X 1300
 - MULTI-PURPOSE ROOM:** 2875 X 3150
 - BED ROOM:** 2900 X 3125
- Other Features:**
 - PASSAGE:** 900 WIDE
 - VER:** 500 WIDE
 - Beams:** 250 X 250 R.C.C. BEAM AT ROOF LEVEL
 - Windows:** W1, W2
 - Doors:** D1, D2

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.

DOORS & WINDOWS SCHEDULE	
MARKING	DIMENSION
W1	900 X 900
W2	750 X 900
WO2	750 X 750
D1	900 X 2100
D2	750 X 2100

FLOOR AREA - 25.77 SOM.

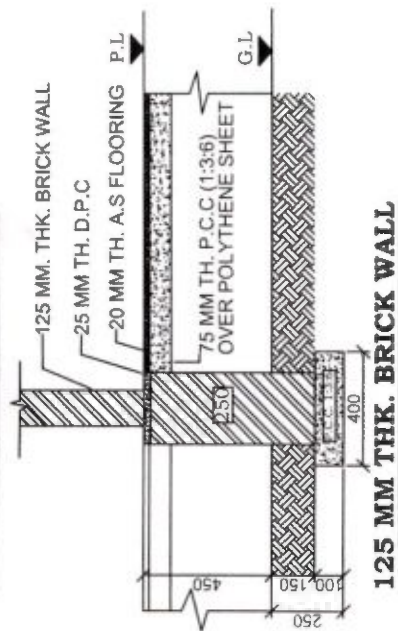
BUILT UP AREA - 32.58 SQM.

10116
Engineer

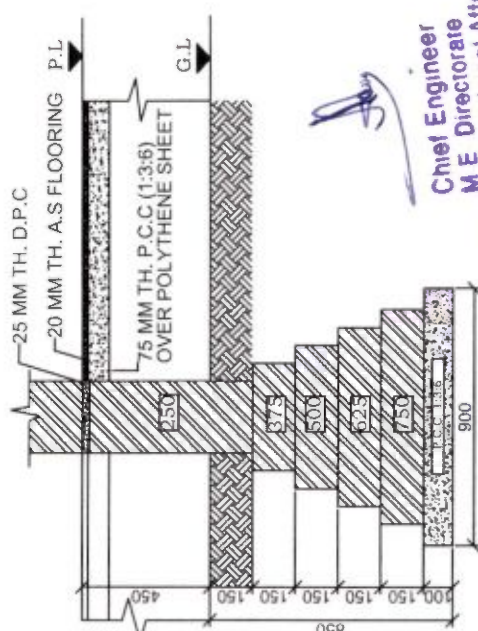
17

Consol Municipal Corporations

FOUNDATION DETAILS



125 MM THK. BRICK WALL



250 MM THK. BRICK WALL

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

PRADHAN MANTRI AWAS YOJANA
HOUSING FOR ALL (URBAN)

OFFICE OF THE CHIEF ENGINEER

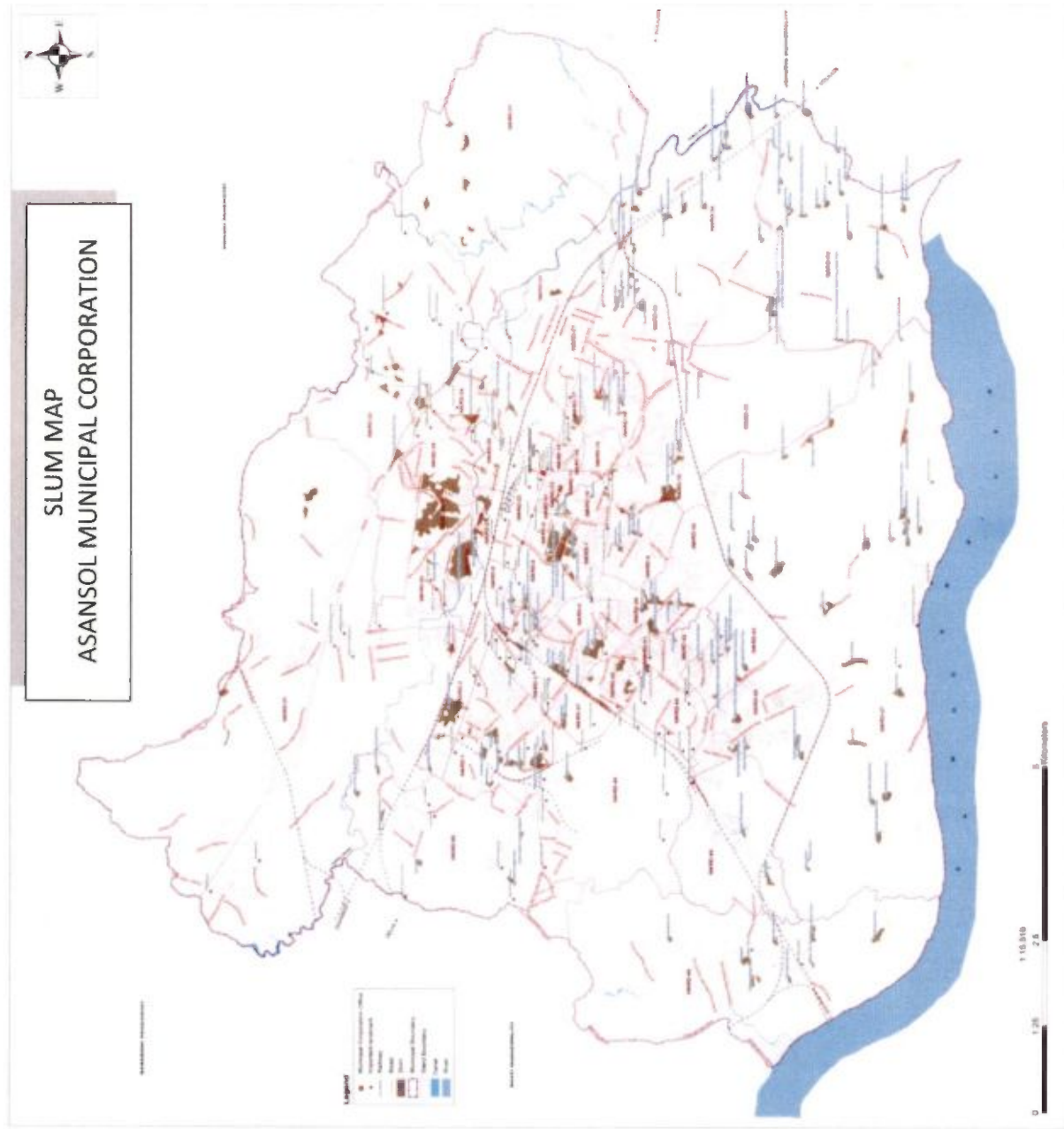
MUNICIPAL ENGINEERING DIRECTORATE

GOVT. OF WEST BENGAL

DWG. NO.

10116
Engineer

~~Superintendent of the~~
~~Superintendent of the~~



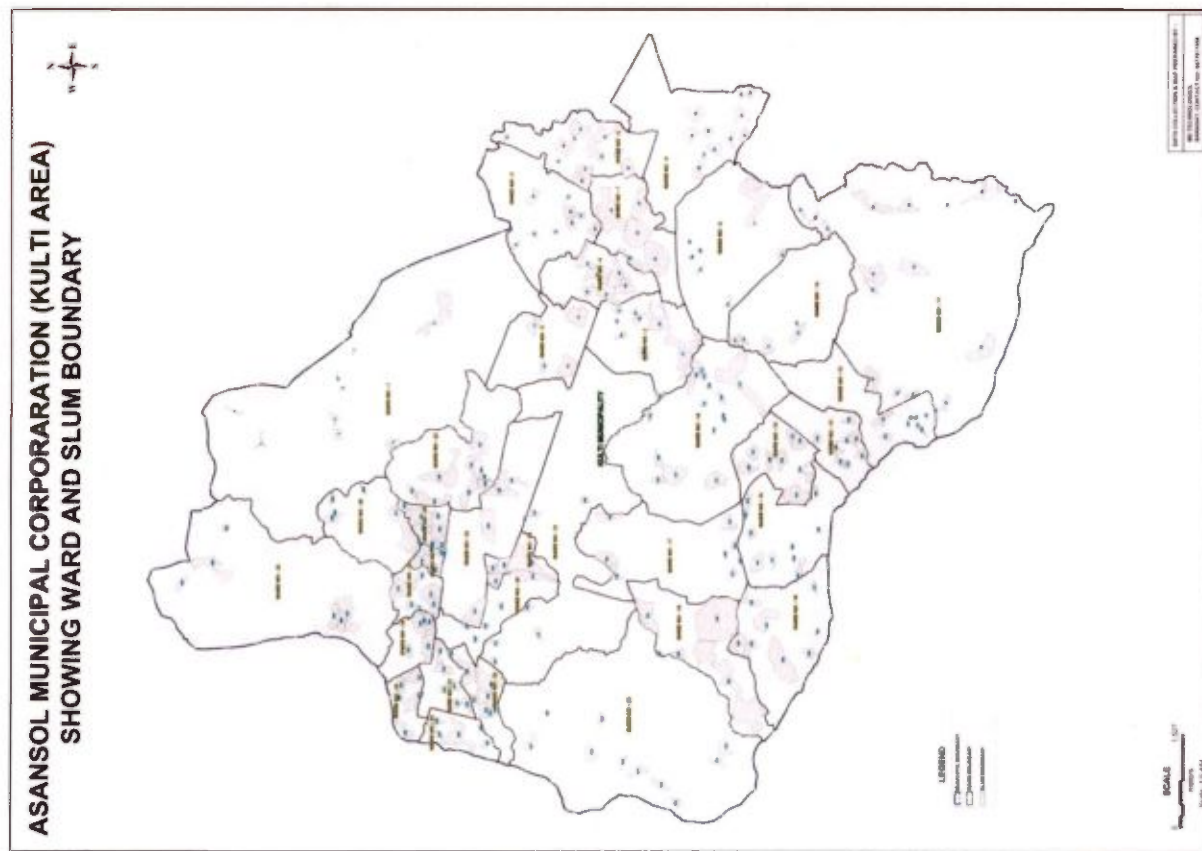
SLUM MAP
ASANSOL MUNICIPAL CORPORATION AT
JAMURIA



DRAFT DEVELOPMENT PLAN OF JAMUIRA MUNICIPALITY 2068-2073	
TITLE : Existing Location of Slum	
PREPARED BY : Cybertech & Computer Solution	
 Kilometers	DATE :
CHECKED BY :	APPROVED BY :
DRAWING NO. : AMEQ3	JAMUIRA MUNICIPALITY

OPTION





Raniganj Municipality : Slum Boundary

