

- The location of the slums are mostly at a distance of 2 to 5.0 kms away and the ownership of land belongs to either own or in certain cases to ULB.
- Major population is living in huts, made of darma / bricks with tin sheets and asbestos/tiles on roof.

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

#### Site Appraisal:

- Condition of the slum was also not very good and the area will be slum free area if it is approved.
- The proposed project under PMAY for this financial year 2015-16 is totally under Beneficiary Led Construction (BLC) and the land for the construction of per dwelling units belongs to the slum dwellers. The present problem of dilapidated condition of the houses and the temporary structures can be addressed with the completion of this project.
- After implementation of this project our municipality as well as slum dwellers all will be benefited.

#### Existing Slums Details

The environmental condition in the slums is poor. The slums lack basic civic amenities mainly drainage, thereby leading to waterlogging, mainly during rainy season. This has led to an unhygienic living condition in the slums. Most of the roads within slums are brick paved or dilapidated or even kuccha road. Though there are sufficient streetlights available. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health that ultimately leads to significant loss of man-days of work amongst others. Overall physical and social infrastructure is poor.

#### Slum wise Project Land Particulars

Majority of the population of these slum is living for more than 20 years in the slum. Hence, dwellers are now permanently residing in these slums and their livelihood is based in and around of this ULB area. This justifies as a parameter on the importance of Slum for In situ development. The slum wise list of land status of the 145 both notified and non-notified slums are given below.

Sl.no	Location- Ward No/Name	Slum Name	Age of Slum in Years	Area of Slum (Sq.meters)	Whether located in Core City/Town or Fringe area	Physical Location of Slum	Is the Slum Notified/ Declared?
1	1	BANKRA NAWAI CHANELO26	19	90000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED

2	1	NABAJIBAN LOW GROUND AREA028	19	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
3	1	BISHARPARA LOW GROUND AREA043	25	40000	FRINGE AREA	ALONG Storm Water Drain/Nallah	NOTIFIED
4	1	BANKRA NEW AREA058	25	30000	FRINGE AREA	ALONG Storm Water Drain/Nallah	NOTIFIED
5	1	Anjangarh (s.code-137)	18	18200	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
6	2	RAJA RAM MOHAN PATH012	20	111000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
7	2	NETAJI SUBHAS SARANI019	20	50000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
8	2	NABANAGAR HOSPITAL ROAD045	0	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
9	2	NICHAJ AREA (S. CODE-102)	0	20000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
10	2	6 NO RAIL GATE ( S. CODE-133 )	20	13800	FRINGE AREA	Along Railway Line	NON NOTIFIED
11	2	NILACHAL ( S. CODE-138 )	13	17100	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
12	2	JANATA COLONY (N.N.)(S. CODE-104)	25	15000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
13	2	NABANAGAR NORTH (S.CODE-139)	15	20100	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
14	2	NABANAGAR MADHYA (S.CODE-140)	14	16300	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
15	2	SLUM AT NABANAGAR BY THE SIDE OF RAILWAY TRACK	25	16000	FRINGE AREA	Along Railway Line	NON NOTIFIED
16	3	UTTAR SAPTA GRAM AREA005	25	250000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
17	3	CHOTA FINGA SABITRI PALLY010	10	200000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
18	3	BARO FINGA AREA ( S. CODE-073)	30	80000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
19	3	6 NO RAILWAY GATE BY THE SIDE OF RAILWAY TRACK N.N	20	17100	FRINGE AREA	Along Railway Line	NON NOTIFIED
20	3	SAPTAGRAM SCHOOL ROAD(S.CODE-141)	15	15500	CORE CITY/TOWN	Along Major Transport Alignment	NON NOTIFIED
21	3	SAPTA GRAM SOUTH(S.CODE-143)	0	20000	FRINGE AREA	Others(non-Hazardous/Non-Objectionable)	NON NOTIFIED



22	3	SAPTAGRAM SHYAMAL MAJUMDER SARANI(S.CODE-142)	18	18500	FRINGE AREA	Along River/Water Body Bank	NON NOTIFIED
23	4	PASCHIM NABANAGAR AREA020	0	100000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
24	4	BORO FINGA021	0	300000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
25	4	FATULLAPUR-1(N.N.) (S. CODE-105)	0	30000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
26	4	FATULLAPUR-II (S. CODE-106)	0	30000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
27	4	BORO FINGA-II (S.CODE-107)	0	60000	FRINGE AREA	Others(non- Hazardous/Non- Objectionable)	NON NOTIFIED
28	4	SAMAR PALLY N.N(S. CODE-108)	0	20000	FRINGE AREA	Others(non- Hazardous/Non- Objectionable)	NON NOTIFIED
29	4	TITUMEER PALLY (N.N)(S.CODE-109)	0	95000	FRINGE AREA	Others(non- Hazardous/Non- Objectionable)	NON NOTIFIED
30	5	ABDUL AZIZ ROAD ANANDA PALLY 008	20	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
31	5	K.M.C-C. ASHOK PALLY(S.CODE-70)	20	50000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
32	5	Amrokanan Area (S.C-063)	20	60000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
33	5	Kartik Mallick Colony (s. code-087)	25	50000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
34	5	Battal K.M.C. Block-B (s.code-089)	25	70000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
35	6	AMBIKA NAGAR AREA004	29	83000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
36	6	SANTI PALLY014	30	50000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
37	7	UTTAR PATNA AREA(S.code-100)	30	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
38	7	RAMPRASAD NAGAR AREA(S.code-110)	25	35000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
39	7	VIVEKANANDA PALLY(S.code-111)	25	28000	FRINGE AREA	Along River/Water Body Bank	NON NOTIFIED
40	8	SARADA PALLY037	25	60000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
41	8	SARADA PALLY M.G ROAD046	0	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED

42	8	RAMKRISHNA PALLY AREA(S.code-112)	0	75000	FRINGE AREA	Others(non- Hazardous/Non- Objectionable)	NON NOTIFIED
43	9	CHOWDHURY PARA ROAD016	0	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
44	9	SURYA SEN PALLY055	25	50000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
45	9	Harijan Bustee (s.code-079)	30	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
46	9	KHUDIRAM PALLY AREA057	25	90000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
47	9	SUBHAS PALLY AREA(65)	25	60000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
48	9	RAMPRASAD NAGAR (S.CODE-084)	25	50000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
49	9	42 PALLY AREA(S.code-99)	30	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
50	10	ARABINDA PALLY AREA044	25	60000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
51	10	SREE DURGAPALLY AREA(M.DAS SARANI)059	0	90000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
52	10	Sailadubi Road Anchal Area(S.Code- 115)	30	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
53	10	NABARUN PALLY AREA68	25	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
54	10	SASTRY PALLY AREA83	30	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
55	10	SREE DURGA PALLY(S.CODE-90)	30	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
56	10	P.N BANERJEE BYE LANE(S.code-113)	0	30000	FRINGE AREA	Others(non- Hazardous/Non- Objectionable)	NON NOTIFIED
57	10	DIGHIPAR AREA(S.code-114)	0	20000	FRINGE AREA	Others(non- Hazardous/Non- Objectionable)	NON NOTIFIED
58	11	UTTAR PRATAPGAR AREA(1)018	30	90000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
59	11	UTTAR PRATAPGAR AREA(2)023	30	20000	CORE CITY/TOWN	Along Major Transport Alignment	NOTIFIED
60	11	UTTAR GOLBAGAN AREA033	30	300000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
61	11	SAILADUBI ROAD AREA - WARD (11)034	30	150000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
62	11	BARISAL NAGAR AREA047	25	50000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED



63	11	SANTA NEER62	0	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
64	11	GOLBAGAN AREA	0	90000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
65	11	BANKIM PARK AREA(S.CODE-76)	25	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
66	11	DAS NAGAR AREA(S.CODE-82)	25	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
67	12	DAKSHIN PRATAPGARH AREA - WARD (12)013	35	200000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
68	12	UTTAR SREEDURGA PALLY029	25	80000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
69	12	JANAKALYAN AREA053	15	40000	CORE CITY/TOWN	Along Major Transport Alignment	NOTIFIED
70	12	DAKSHIN PRATAPGAR066	30	70000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
71	12	DAKSHIN SREE DURGA PALLY(S.CODE-71)	30	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
72	12	SREEKRISHNA PALLY(S.CODE-75)	25	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
73	12	MAHANAGAR MATH ANCHAL AREA(S.CODE-80)	25	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
74	12	Sailadubi Road Area - Ward (12)60	0	30000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
75	12	RISHI ARABINDA SARANI(S.code-116)	0	35000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
76	13	DEBINAGAR AREA - WARD (13)009	25	250000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
77	13	SUBHAS SARANI AREA024	20	80000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
78	13	DEBINAGAR AREA(S.CODE-103)	30	60000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
79	14	SLUM AT SWAMIJI PALLY BY THE SIDE OF RAILWAY TRACK	25	15000	FRINGE AREA	Along Railway Line	NON NOTIFIED
80	14	RABINDRA NAGAR MADHYA PALLY(S.C-136)	50	1000	CORE CITY/TOWN	ALONG Storm Water Drain/Nallah	NOTIFIED
81	15	GLOBE NURSARY AREA50	0	30000	CORE CITY/TOWN	Along Major Transport Alignment	NOTIFIED
82	15	TARUN SENGUPTA PALLY056	25	70000	FRINGE AREA	ALONG Storm Water Drain/Nallah	NOTIFIED
83	15	ITKHOLA GOURIPUR(S.CODE-72)	20	50000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED

84	15	TARUN SENGUPTA BYE LANE(s.code-74)	25	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
85	16	ADARSHA PALLY PATRAPARA038	22	90000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
86	16	ASHOKE DEEP AREA (NUTUN PALLY)039	27	90000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
87	16	MONORANJAN ROY PALLY AREA041	35	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
88	16	BIRSHA MUNDA ANCHAL(S.code-117)	26	60000	CORE CITY/TOWN	Others(non- Hazardous/Non- Objectionable)	NON NOTIFIED
89	17	MATH PARA AREA(S.CODE-91)	25	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
90	17	MOTILAL COLONY ANCHAL AREA 2.5NO GATE(S.code-98)	25	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
91	17	MUSLIM PARA AREA(S.code-118)	20	35000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
92	17	JANGALPUR AREA(S.code-119)	25	20000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
93	17	SARAT COLONY(S.CODE- 144)	17	1430	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
94	17	INDIRA NAGAR(S.CODE-145)	22	1570	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
95	18	RISHI ARABINDA SARANI - WARD (18)040	20	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
96	19	UTTAR BADRA AREA025	0	125000	CORE CITY/TOWN	Along Major Transport Alignment	NOTIFIED
97	19	SAKTIGAR AREA035	25	10000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
98	19	3 A NO K. K. PALLY AREA49	25	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
99	19	KHALISHAKOTA PALLY AREA051	25	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
100	19	UTTAR CHANDPUR AREA054	25	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
101	19	ADARSHA PALLY AREA (3,NO K.K. PALLY)67	25	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
102	20	NABADAY PALLY036	20	70000	CORE CITY/TOWN	Along Major Transport Alignment	NOTIFIED
103	20	VIVEKANANDA PALLY (WESTERN SIDE OF RAILWAY LINE)48	0	20000	FRINGE AREA	ALONG Storm Water Drain/Nallah	NOTIFIED
104	20	BUSTEE AT S.V ROAD (S.code-120)BYE LOAN	0	20000	CORE CITY/TOWN	Along Major Transport Alignment	NON NOTIFIED



105	20	SLUM AT SUKANTA PALLY BY THE SIDE OF RAILWAY TRACK	25	10000	FRINGE AREA	Along Railway Line	NON NOTIFIED
106	20	SARATPALLY BY THE SIDE OF RAILWAY TRACK- (SC130)	50	1000	CORE CITY/TOWN	Others(non-Hazardous/Non-Objectionable)	NOTIFIED
107	21	RISHI PARA030	20	50000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
108	21	BARDHAN PARA AREA032	40	25000	FRINGE AREA	Along Railway Line	NOTIFIED
109	21	AMBAGAN AREA061	20	20000	FRINGE AREA	Along Railway Line	NOTIFIED
110	21	SLUM AT DURGANAGAR BY THE SIDE OF RAILWAY TRACK129	23	30000	FRINGE AREA	Along Railway Line	NON NOTIFIED
111	22	VIDYASAGAR PALLY AREA015	15	70000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
112	22	RAMKRISHNA PALLY WEST AREA017	0	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
113	22	SLUM AT NILAM AMBAGAN ON BELGHARIA EXPRESS ROAD128	22	20000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
114	22	JADU BHATTA SARANI(S.CODE-146)	17	3000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
115	23	RABINDRA PALLY ANCHAL AREA (DAKSHIN PARA)52	25	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
116	23	MAJARHATI DAKSHIN PARA(S.CODE-78)	25	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
117	23	MAJHERHATI SLUM85	30	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
118	23	NARAYAN PALLY AREA(SOUTH WEST)(S.code-86)	25	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
119	23	MAJHERHATI MADHYA PARA(S.CODE-88)	25	60000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
120	24	RABINDRA PALLY AREA(S.code-95)	25	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
121	24	NARAYAN PALLY AREA(S.code-121)	25	20000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
122	24	NAIKURI ANCHAL AREA122	25	20000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
123	25	SARDDARPARA AREA(S.CODE-93)	30	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
124	25	FAKIR PARA AREA(S.code-97)	30	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED

125	25	SREEKRISHNA PALLY AREA(S.code-127)	25	20000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
126	25	ASHRAM ROAD(S.CODE-147)	25	5340	FRINGE AREA	Others(non-Hazardous/Non-Objectionable)	NON NOTIFIED
127	26	CHASHI PARA AREA(S.CODE-69)	0	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
128	26	DESHBANDHU PALLY(S.CODE-81)	25	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
129	26	BIDHAN PALLY AREA(S(S.code-123).CODE-123)	0	15000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
130	26	ASHUTOSH PALLY ARea(S.code-1(S.CODE-124)	0	25000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
131	27	MILAN NAGAR ANCHAL AREA007	35	180000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
132	27	SARAT PALLY AREA022	35	70000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
133	27	BANKIM PALLY AREA027	25	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
134	27	DAKSHIN NADIKUL AREA042	32	70000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
135	27	BASUDEV PALLY AREA (S.code-126)	32	45000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
136	28	DAKSHIN NADIKUL(DHOPA PARA)(S.CODE-77)	32	30000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
137	28	PURBA ALIPUR(2)(S.CODE-92)	35	80000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
138	28	DAKSHIN NADIKUL(DHOPA PARA-1)(S.code-94)	30	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
139	28	PURBA ALIPUR(1)(S.code-96)	36	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
140	28	DASPARA ANCHAL AREA(S.code-101)	30	40000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
141	28	RABINDRA PALLY AREA(S.code-125)	35	200000	FRINGE AREA	Along Major Transport Alignment	NON NOTIFIED
142	29	OLAICHANDI 1ST LANE(S.code-135)	10	800	FRINGE AREA	Others(non-Hazardous/Non-Objectionable)	NON NOTIFIED
143	30	KALYANNAGAR(CHAK PARA)031	35	20000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
144	31	ALIPUR BATTALA AREA001	20	71000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
145	31	RABINDRA NAGAR AREA002	20	37000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED



146	31	BURIR BAGAN AREA003	20	48000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
147	31	PURBA ALIPUR AREA006	20	300000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
148	31	PURBA ALIPUR TALBAGAN011	32	800000	FRINGE AREA	Along Major Transport Alignment	NOTIFIED
149	31	SLUM AT AMBAGAN AREA	25	21000	CORE CITY/TOWN	Along Major Transport Alignment	NON NOTIFIED
150	31	Rabindranagar Sahar Bagan(S.C.-148)	15	1650	FRINGE AREA	Others(non- Hazardous/Non- Objectionable)	NON NOTIFIED

### Housing Status

Under the PMAY project the municipality is going to address the housing demand for Kuccha as well as semi-kuccha which has been accessed through the recently conducted Demand survey. The list of total kuccha and semi-pucca houses of all the slums under this ULB has been listed below to show the present housing status of the slums under consideration for this project.

Ward Number	Slum Code	Slum Name	Semi- Pucca	Kuccha	Total
1	026	Bankra Nawai Chanel	21	6	<b>27</b>
1	028	Nabajiban Low Ground Area	78	13	<b>91</b>
1	043	Bisharpara Low Ground Area	5	1	<b>6</b>
2	012	Raja Ram Mohan Path	17	4	<b>21</b>
2	019	Netaji Subhas Sarani	36	20	<b>56</b>
2	045	Nabanagar Hospital Road	27	13	<b>40</b>
2	132	Slum At Nabanagar By The Side Of Railway Track - Ward (2)	0	1	<b>1</b>
2	133	Slum At 6 No Rail Gate By The Side Of Railway Track - Ward (2)	5	19	<b>24</b>
2	139	Nabanagar North	72	33	<b>105</b>
2	140	Nabanagar Madhya	3	0	<b>3</b>
3	010	Chota Finga Sabitri Pally	78	1	<b>79</b>
3	073	Baro Finga Area	47	2	<b>49</b>
3	134	Slum At 6 No Rail Gate By The Side Of Railway Track - Ward (3)	197	34	<b>231</b>
3	141	Saptagram School Road	115	41	<b>156</b>
3	142	Saptagram Shyamal Majumder Sarani	4	2	<b>6</b>

3	143	Sapta Gram South	79	9	<b>88</b>
4	020	Paschim Nabanagar Area	133	115	<b>248</b>
4	021	Boro Finga	350	279	<b>629</b>
4	107	Baro Finga-II	16	52	<b>68</b>
5	008	Abdul Aziz Road Ananda Pally	15	7	<b>22</b>
5	063	Amrokanan Area	10	5	<b>15</b>
5	070	K.M.C -C. Ashok Pally	155	23	<b>178</b>
5	087	Kartik Mallick Colony	0	1	<b>1</b>
5	089	Battala K.M.C. Block-B	17	10	<b>27</b>
6	004	Ambika Nagar Area	56	4	<b>60</b>
6	014	Santi Pally	389	68	<b>457</b>
7	100	Uttar Patna Area	382	1	<b>383</b>
7	110	Ramprasad Nagar Area	12	0	<b>12</b>
7	111	Vivekananda Pally	64	1	<b>65</b>
8	037	Sarada Pally	7	1	<b>8</b>
8	046	Sarada Pally M.G Road	13	1	<b>14</b>
8	112	Ramkrishna Pally Area	113	12	<b>125</b>
9	016	Chowdhury Para Road	18	1	<b>19</b>
9	055	Surya Sen Pally	82	6	<b>88</b>
9	057	Khudiram Pally Area	13	2	<b>15</b>
9	065	Subhas Pally Area	10	0	<b>10</b>
9	079	Harijan Bustee	24	2	<b>26</b>
9	084	Ramprasad Nagar	19	0	<b>19</b>
9	099	42 Pally Area	0	0	<b>0</b>
10	044	Arabinda Pally Area	27	1	<b>28</b>
10	059	Sree Durgapally Area (M Das Sarani)	45	1	<b>46</b>
10	068	Nabarun Pally Area	1	0	<b>1</b>
10	083	Sastri Pally Area	338	15	<b>353</b>



10	090	Sree Durga Pally	66	2	<b>68</b>
10	113	P.N Banerjee Bye Lane	25	0	<b>25</b>
10	114	Dighirpar Area	31	1	<b>32</b>
10	115	Sailadubi Road Anchal Area	27	3	<b>30</b>
11	018	Uttar Pratapgar Area(1)	202	22	<b>224</b>
11	023	Uttar Pratapgar Area(2)	171	19	<b>190</b>
11	033	Uttar Golbagan Area	7	0	<b>7</b>
11	034	Sailadubi Road Area- Ward (11)	17	1	<b>18</b>
11	047	Barisal Nagar Area	23	0	<b>23</b>
11	062	Santa Neer	4	0	<b>4</b>
11	064	Golbagan Area	26	1	<b>27</b>
11	076	Bankim Park Area	15	0	<b>15</b>
11	082	Das Nagar Area	6	0	<b>6</b>
12	013	Dakshin Pratapgar Area – Ward (12)	157	26	<b>183</b>
12	029	Uttar Sreedurga Pally	32	10	<b>42</b>
12	060	Sailadubi Road Area – Ward (12)	80	20	<b>100</b>
12	066	Dakshin Pratapgar Area	23	2	<b>25</b>
12	071	Dakshin Sree Durga Pally	38	3	<b>41</b>
12	075	Sreekrishna Pally	45	4	<b>49</b>
12	080	Mahanagar Math Anchal Area	18	1	<b>19</b>
13	009	Debinagar Area – Ward (13)	6	6	<b>12</b>
13	024	Subhas Sarani Area	36	21	<b>57</b>
13	053	Janakalyan Area	32	13	<b>45</b>
13	103	Debinagar Area	29	20	<b>49</b>
14	131	Slum At Swamiji Pally By The Side Of Railway Track	4	1	<b>5</b>
14	136	Slum At Ambagan Area	25	2	<b>27</b>
15	050	Globe Nursury Area	132	6	<b>138</b>
15	056	Tarun Sengupta Pally	72	9	<b>81</b>

15	072	Itkhola Gouripur	70	0	<b>70</b>
15	074	Tarun Sengupta Bye Lane	41	4	<b>45</b>
16	038	Adarsha Pally Patrapara	74	14	<b>88</b>
16	039	Akash Deep Area (Nutun pally)	108	34	<b>142</b>
16	041	Monoranjan Roy Pally Area	166	21	<b>187</b>
16	117	Birsha Munda Anchal	0	0	<b>0</b>
17	091	Math Para Area	10	1	<b>11</b>
17	098	Motilal Colony Anchal Area 2 ½ no Gate	16	1	<b>17</b>
17	118	Muslim Para Area	8	0	<b>8</b>
17	119	Jungalpur Area	36	2	<b>38</b>
17	144	Sarat Colony	61	3	<b>64</b>
17	145	Indira Nagar	50	1	<b>51</b>
18	005	Uttar Sapta Gram Area	26	0	<b>26</b>
18	040	Rishi Arabinda Sarani	25	0	<b>25</b>
19	025	Uttar Badra Area	21	8	<b>29</b>
19	035	Saktigar Area	48	30	<b>78</b>
19	049	3 A No K. K. Pally Area	94	9	<b>103</b>
19	051	Khalishakota Pally Area	37	8	<b>45</b>
19	054	Uttar Chandpur Area	5	8	<b>13</b>
19	067	Adarsha Pally Area (3, No K.K. Pally)	14	6	<b>20</b>
20	036	Nabaday Pally	61	8	<b>69</b>
20	048	Vivekananda Pally (Western Side of railway line)	101	2	<b>103</b>
20	120	Bustee At S.V Road Bye Lane	50	3	<b>53</b>
20	130	Slum At Sarat Pally By The Side Of Railway Track	13	2	<b>15</b>
21	030	Rishi Para	260	222	<b>482</b>
21	032	Bardhan Para Area	9	40	<b>49</b>
21	061	Ambagan Area	12	7	<b>19</b>
21	129	Slum At Durganagar By The Side Of Railway Track	1	6	<b>7</b>



22	015	Vidyasagar Pally Area	77	0	<b>77</b>
22	017	Ramkrishna Pally West Area	29	0	<b>29</b>
22	128	Slum At Nilam Ambasan On Belgharia Express Road	73	35	<b>108</b>
22	146	Jadu Bhatta Sarani	24	2	<b>26</b>
23	052	Rabindra Pally Anchal Area (Dakshin Para)	68	12	<b>80</b>
23	078	Majarhati Dakshin Para	20	2	<b>22</b>
23	085	Majherhati Slum (Majherhati)	10	2	<b>12</b>
23	086	Narayan Pally Area(South West)	15	2	<b>17</b>
23	088	Majherhati Madhya Para	19	6	<b>25</b>
24	095	Rabindra Pally Area	27	1	<b>28</b>
24	121	Narayan Pally Area	70	4	<b>74</b>
24	122	Naikuri Anchal Area	17	10	<b>27</b>
25	097	Fakir Para Area	32	79	<b>111</b>
25	127	Sreekrishna Pally Area	0	0	<b>0</b>
25	147	Ashram Road	27	6	<b>33</b>
26	069	Chashi Para Area	1	0	<b>1</b>
26	081	Mahanagar Math Anchal Area	38	9	<b>47</b>
26	123	Bidhan Pally Area	9	2	<b>11</b>
26	124	Ashutosh Pally Area	1	2	<b>3</b>
27	007	Milan Nagar Anchal Area	63	46	<b>109</b>
27	022	Sarat Pally Area	7	1	<b>8</b>
27	027	Bankim Pally Area	9	2	<b>11</b>
27	042	Dakshin Nadikul Area	62	32	<b>94</b>
27	126	Basudev Pally Area	36	16	<b>52</b>
28	077	Dakshin Nadikul(Dhopa Para- 2)	18	13	<b>31</b>
28	092	Purba Alipur(2)	26	16	<b>42</b>
28	094	Dakshin Nadikul(Dhopa Para-1)	6	5	<b>11</b>
28	096	Purba Alipur(1)	3	4	<b>7</b>

28	101	Daspara Anchal Area	20	18	<b>38</b>
28	125	Rabindra Pally Area	2	1	<b>3</b>
29	135	Slum At Olaichandi 1st Lane	13	2	<b>15</b>
30	006	Purba Alipur Area	3	4	<b>7</b>
30	031	Kalyannagar(Chak Para)	64	16	<b>80</b>
31	1	Alipur Battala Area	350	188	<b>538</b>
31	002	Rabindra Nagar Area	171	68	<b>239</b>
31	003	Burir Bagan Area	5	17	<b>22</b>
31	011	Purba Alipur Talbagan	14	6	<b>20</b>
32(1)	058	Bankra New Area	9	0	<b>9</b>
32(1)	137	Anjangarh	6	0	<b>6</b>
33(2)	102	Nilachal Area	7	0	<b>7</b>
33(2)	104	Janata Colony	91	34	<b>125</b>
33(2)	138	Nilachal South	13	4	<b>17</b>
34(4)	105	Fatullapur-I	195	16	<b>211</b>
34(4)	106	Fatullapur-II	4	0	<b>4</b>
34(4)	108	Samar Ali Pally	497	75	<b>572</b>
34(4)	109	Titumeer Pally	18	0	<b>18</b>
<b>TOTAL</b>			<b>8128</b>	<b>2198</b>	<b>10326</b>

### Physical Infrastructure

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

**Physical Infrastructure:** Watersupply, Drainage, Solid waste, Roads, Electricity.

**Social Infrastructure:** Health, School, Community Hall, Lively Hood Centre

### Status of Physical Infrastructure



**PRESENT STATUS OF PHYSICAL INFRASTRUCTURE IN THE SLUMS**

Sl.no	Slum Name	Connectivity to City-wide Water Supply System	Connectivity to City-wide Storm-water Drainage System	Connectivity to City-wide Storm-water Drainage System	Connectivity to City-wide Sewerage System	Whether the Slum is prone to flooding due to rains	Frequency of Garbage Disposal	Arrangement of Garbage Disposal	Frequency of Clearance of Open drains	Approach Road/Lane/Constructed Path to the Slum	Distance from nearest Motorable Road
1	BANKRA NAWAI CHANEL026	INDIVIDUAL/OCCUPIED	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
2	NABAJIBAN LOW GROUND AREA028	INDIVIDUAL/OCCUPIED	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
3	BISHARPARA LOW GROUND AREA043	INDIVIDUAL/OCCUPIED	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Kaccha	10. K.M. TO 2.0 K.M.
4	BANKRA NEW AREA058	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
5	Anjangerh (s.code-137)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Kaccha	0.5 TO 1.0 KM.
6	RAJA RAM MOHAN PATH012	INDIVIDUAL	Partially Connected	Partially Connected	Data Not Entered	15-30 days	Once in a week	Municipal staff	Once in 15 days	Motorable Pucca	0.5 TO 1.0 KM.
7	NETAJI SUBHAS SARANI019	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a week	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1
8	NABANAGAR HOSPITAL ROAD045	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
9	NICHAJ AREA (S. CODE-102)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Not prone	Once in a month	Municipal staff	Once in 15 days	Motorable Pucca	10. K.M. TO 2.0 K.M.
10	6 NO RAIL GATE ( S. CODE-133 )	OCCUPIED	Not Connected	Not Connected	Not Connected	Upto 15 days	No collection	No Arrangements	No collection	Non-Motorable Kaccha	10. K.M. TO 2.0 K.M.
11	NILACHAL ( S. CODE-138 )	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a week	Municipal staff	Once in a week	Non-Motorable Kaccha	0.5 TO 1.0 KM.
12	JANATA COLONY (N.N.KS. CODE-104)	OCCUPIED	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1
13	NABANAGAR NORTH (S.CODE-139)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Kaccha	0.5 TO 1.0 KM.
14	NABANAGAR MADHYA (S.CODE-140)	INDIVIDUAL	Data Not Entered	Data Not Entered	Data Not Entered	Data Not Entered	Data Not Entered	Data Not Entered	Data Not Entered	Non-Motorable Kaccha	MORE THAN 5.0 K.M.
15	SLUM AT NABANAGAR BY THE SIDE OF RAILWAY	OCCUPIED	Partially Connected	Partially Connected	Not Connected	15-30 days	No collection	No Arrangements	No collection	Non-Motorable Kaccha	10. K.M. TO 2.0 K.M.



	TRACK										
16	UTTAR SAPTA GRAM AREA005	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
17	CHOTA FINGA SABITRI PALLY010	INDIVIDUAL	Not Connected	Partially Connected	Not Connected	More than a month	No collection	No Arrangements	No collection	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
18	BARO FINGA AREA ( S. CODE-073)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
19	6 NO RAILWAY GATE BY THE SIDE OF RAILWAY TRACK N.N	OCCUPIED	Not Connected	Not Connected	Not Connected	More than a month	No collection	No Arrangements	No collection	Non-Motorable Kaccha	10. K.M. TO 2.0 K.M.
20	SAPTAGRAM SCHOOL ROAD(S.CODE -141)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a week	Municipal staff	Once in 15 days	Motorable Kaccha	LESS THAN 0.5 KMS-1
21	SAPTA GRAM SOUTH(S.CODE E-143)		Not Connected	Partially Connected	Not Connected	Upto 15 days	Once in a week	Municipal staff	Once in 15 days	Motorable Kaccha	10. K.M. TO 2.0 K.M.
22	SAPTAGRAM SHYAMAL MAJUMDER SARAN(S.CODE-142)	INDIVIDUAL	Not Connected	Partially Connected	Not Connected	Upto 15 days	Once in a week	Municipal staff	Once in 15 days	Motorable Kaccha	LESS THAN 0.5 KMS-1
23	PASCHIM NABANAGAR AREA020	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Data Not Entered	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
24	BORO FINGA021	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Data Not Entered	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
25	FATULLAPUR-I(N.N.)(S. CODE-105)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
26	FATULLAPUR-II (S. CODE-106)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
27	BORO FINGA-II (S.CODE-107)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
28	SAMAR PALLY N.N.(S. CODE-108)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
29	TITUMEER PALLY (N.N)(S.CODE-109)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
30	ABDUL AZIZ ROAD ANANDA PALLY 008	INDIVIDUAL	Partially Connected	Partially Connected	Data Not Entered	Upto 15 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
31	K.M.C-C. ASHOK PALLY(S.CODE E-70)		Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Motorable Pucca	0.5 TO 1.0 KM.



32	Amrokanan Area (S.C-063)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Not prone	Once in a month	Municipal staff	No collection	Motorable Pucca	LESS THAN 0.5 KMS-1
33	Kartik Mallick Colony (s. code-087)	INDIVIDUAL/OCUPIED	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Motorable Kaccha	0.5 TO 1.0 KM.
34	Battal K.M.C. Block-B (s.code-089)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Motorable Pucca	0.5 TO 1.0 KM.
35	AMBIKA NAGAR AREA004	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Not prone	Once in 2 days	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1
36	SANTI PALLY014	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
37	UTTAR PATNA AREA(S.code-100)	INDIVIDUAL	Partially Connected	Partially Connected	Data Not Entered	Data Not Entered	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	0.5 TO 1.0 KM.
38	RAMPRASAD NAGAR AREA(S.code-110)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
39	VIVEKANANDA PALLY(S.code-111)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	0.5 TO 1.0 KM.
40	SARADA PALLY037	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
41	SARADA PALLY M.G ROAD046	INDIVIDUAL	Partially Connected	Partially Connected	Partially Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
42	RAMKRISHNA PALLY AREA(S.code-112)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
43	CHOWDHURY PARA ROAD016		Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1
44	SURYA SEN PALLY055	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
45	Harijan Bustee (s.code-079)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
46	KHUDIRAM PALLY AREA057	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
47	SUBHAS PALLY AREA(65)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
48	RAMPRASAD NAGAR (S.CODE-084)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1



49	42 PALLY AREA(S.code-99)		Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
50	ARABINDA PALLY AREA044	2	Not Connected	Partially Connected	Data Not Entered	Not prone	Once in a month	Residents themselves	Daily	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
51	SREE DURGAPALLY AREA(M.DAS SARANI)059	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
52	Sailadubi Road Anchal Area(S.Code-115)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
53	NABARUN PALLY AREA68	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
54	SASTRY PALLY AREA83	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Data Not Entered	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
55	SREE DURGA PALLY(S.COD E-90)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
56	P.N BANERJEE BYE LANE(S.code-113)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
57	DIGHIPAR AREA(S.code-114)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
58	UTTAR PRATAPGAR AREA(1)018	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Data Not Entered	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
59	UTTAR PRATAPGAR AREA(2)023	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Data Not Entered	Municipal staff	Once in 15 days	Non-Motorable Pucca	MORE THAN 5.0 K.M.
60	UTTAR GOLBAGAN AREA033	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
61	SAILADUBI ROAD AREA - WARD (11)034	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
62	BARISAL NAGAR AREA047	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
63	SANTA NEER62	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
64	GOLBAGAN AREA	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
65	BANKIM PARK AREA(S.CODE -76)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1



66	DAS NAGAR AREA(S.CODE -82)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal Contractor	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
67	DAKSHIN PRATAPGARH AREA - WARD (12)013	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
68	UTTAR SREEDURGA PALLY029	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Data Not Entered	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
69	JANAKALYAN AREA053	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Not prone	Once in a week	Municipal staff	Once in a week	Non-Motorable Pucca	0.5 TO 1.0 KM.
70	DAKSHIN PRATAPGARH 66	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
71	DAKSHIN SREE DURGA PALLY(S.COD E-71)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
72	SREEKRISHNA PALLY(S.COD E-75)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
73	MAHANAGAR MATH ANCHAL AREA(S.CODE -80)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
74	Sailadubi Road Area - Ward (12)60	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	MORE THAN 5.0 K.M.
75	RISHI ARABINDA SARANI(S.code -116)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	MORE THAN 5.0 K.M.
76	DEBINAGAR AREA - WARD (13)009	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
77	SUBHAS SARANI AREA024		Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
78	DEBINAGAR AREA(S.CODE -103)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	More than a month	Once in a month	Municipal staff	No collection	Non-Motorable Kaccha	10. K.M. TO 2.0 K.M.
79	SLUM AT SWAMIJI PALLY BY THE SIDE OF RAILWAY TRACK	OCCUPIED	Not Connected	Not Connected	Not Connected	More than a month	No collection	No Arrangements	Once in 15 days	Non-Motorable Kaccha	10. K.M. TO 2.0 K.M.
80	RABINDRA NAGAR MADHYA PALLY(S.C-136)		Data Not Entered	Fully Connected	Fully Connected	Not prone	Daily	Municipal staff	Daily	Motorable Pucca	LESS THAN 0.5 KMS-1
81	GLOBE NURSARY AREA50	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Kaccha	0.5 TO 1.0 KM.
82	TARUN SENGUPTA PALLY056	OCCUPIED	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	No collection	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.



83	ITKHOLA GOURIPUR(S. CODE-72)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Kaccha	0.5 TO 1.0 KM.
84	TARUN SENGUPTA BYE LANE(S.code-74)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
85	ADARSHA PALLY PATRAPARA038	INDIVIDUAL	Partially Connected	Partially Connected	Data Not Entered	Upto 15 days	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Kaccha	2.0 K.M. TO 5.0. K.M.
86	ASHOKE DEEP AREA (NUTUN PALLY)039	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Kaccha	2.0 K.M. TO 5.0. K.M.
87	MONORANJA N ROY PALLY AREA041	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Pucca	2.0 K.M. TO 5.0. K.M.
88	BIRSHA MUNDA ANCHAL(S.code-117)		Partially Connected	Partially Connected	Data Not Entered	15-30 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
89	MATH PARA AREA(S.CODE-91)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a week	Municipal staff	Once in a week	Non-Motorable Pucca	0.5 TO 1.0 KM.
90	MOTILAL COLONY ANCHAL AREA 2.SNO GATE(S.code-98)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	0.5 TO 1.0 KM.
91	MUSLIM PARA AREA(S.code-118)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	0.5 TO 1.0 KM.
92	JANGALPUR AREA(S.code-119)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Kaccha	0.5 TO 1.0 KM.
93	SARAT COLONY(S.CO DE-144)	PRIVATE	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in 2 days	Municipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1
94	INDIRA NAGAR(S.COD E-145)	PRIVATE	Partially Connected	Not Connected	Not Connected	Upto 15 days	Daily	Others	Daily	Motorable Pucca	2.0 K.M. TO 5.0. K.M.
95	RISHI ARABINDA SARANI - WARD (18)040	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	More than a month	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
96	UTTAR BADRA AREA025	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Kaccha	LESS THAN 0.5 KMS-1
97	SAKTIGAR AREA035		Partially Connected	Partially Connected	Not Connected	More than a month	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
98	3 A NO K. K. PALLY AREA49	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	More than a month	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
99	KHALISHAKO TA PALLY AREA051	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in a month	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.



100	UTTAR CHANDPUR AREA054	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in a month	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	0.5 TO 1.0 KM.
101	ADARSHA PALLY AREA (3,NO K.K. PALLY)67	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	15-30 days	Once in a month	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	0.5 TO 1.0 KM.
102	NABADAY PALLY036	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Not prone	Once in a week	Muni cipal staff	Once in 15 days	Motorable Pucca	MORE THAN 5.0 K.M.
103	VIVEKANAND A PALLY (WESTERN SIDE OF RAILWAY LINE)48	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in a week	Muni cipal staff	Once in a week	Motorable Pucca	LESS THAN 0.5 KMS-1
104	BUSTEE AT S.V ROAD (S.code- 120)BYE LOAN	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	15-30 days	Once in a month	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	0.5 TO 1.0 KM.
105	SLUM AT SUKANTA PALLY BY THE SIDE OF RAILWAY TRACK	OCCUPI ED	Not Connected	Partially Connecte d	Not Connec ted	Upto 15 days	No collectio n	No Arran geme nts	No collection	Non- Motorable Kaccha	10. K.M. TO 2.0 K.M.
106	SARATPALLY BY THE SIDE OF RAILWAYTRA CK-(SC130)		Fully Connected	Fully Connecte d	Fully Connec ted	Not prone	Daily	Muni cipal staff	Daily	Motorable Pucca	LESS THAN 0.5 KMS-1
107	RISHI PARA030	INDIVID UAL	Partially Connected	Partially Connecte d	Data Not Entered	15-30 days	Once in a week	Muni cipal staff	Once in 15 days	Non- Motorable Kaccha	0.5 TO 1.0 KM.
108	BARDHAN PARA AREA032	INDIVID UAL	Partially Connected	Partially Connecte d	Data Not Entered	Upto 15 days	Once in 2 days	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	10. K.M. TO 2.0 K.M.
109	AMBAGAN AREA061	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	0.5 TO 1.0 KM.
110	SLUM AT DURGANAGA R BY THE SIDE OF RAILWAY TRACK129	2	Partially Connected	Not Connecte d	Partially Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in a week	Non- Motorable Pucca	0.5 TO 1.0 KM.
111	VIDYASAGAR PALLY AREA015	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1
112	RAMKRISHNA PALLY WEST AREA017	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in a month	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1
113	SLUM AT NILAM AMBAGAN ON BELGHARIA EXPRESS ROAD128		Partially Connected	Partially Connecte d	Data Not Entered	Upto 15 days	Once in 2 days	Muni cipal staff	Once in a week	Non- Motorable Kaccha	10. K.M. TO 2.0 K.M.
114	JADU BHATTA SARAN(S.CO DE-146)	PRIVATE	Partially Connected	Partially Connecte d	Not Connec ted	15-30 days	Once in 2 days	Muni cipal staff	Once in 15 days	Motorable Pucca	LESS THAN 0.5 KMS-1
115	RABINDRA PALLY ANCHAL AREA (DAKSHIN	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	0.5 TO 1.0 KM.



	PARA)52										
116	MAJARHATI DAKSHIN PARA(S.CODE- 78)	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in a week	Non- Motorable Pucca	0.5 TO 1.0 KM.
117	MAJHERHATI SLUM85	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in a week	Non- Motorable Pucca	0.5 TO 1.0 KM.
118	NARAYAN PALLY AREA(SOUTH WEST)(s.code- 86)	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in a week	Non- Motorable Pucca	0.5 TO 1.0 KM.
119	MAJHERHATI MADHYA PARA(S.CODE- 88)	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in a week	Non- Motorable Pucca	0.5 TO 1.0 KM.
120	RABINDRA PALLY AREA(S.code- 95)	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in a week	Non- Motorable Pucca	0.5 TO 1.0 KM.
121	NARAYAN PALLY AREA(S.code- 121)	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in a week	Non- Motorable Pucca	0.5 TO 1.0 KM.
122	NAIKURI ANCHAL AREA122	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in a week	Non- Motorable Pucca	0.5 TO 1.0 KM.
123	SARDDARPAR A AREA(S.CODE -93)	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1
124	FAKIR PARA AREA(S.code- 97)	INDIVID UAL	Data Not Entered	Partially Connecte d	Not Connec ted	Not prone	Once in a month	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1
125	SREEKRISHNA PALLY AREA(S.code- 127)	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in 2 days	Muni cipal staff	Once in a week	Non- Motorable Pucca	0.5 TO 1.0 KM.
126	ASHRAM ROAD(S.CODE -147)	PRIVATE	Partially Connected	Partially Connecte d	Not Connec ted	15-30 days	Once in 2 days	Muni cipal staff	Once in 15 days	Motorable Pucca	MORE THAN 5.0 K.M.
127	CHASHI PARA AREA(S.CODE -69)	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in a month	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1
128	DESHBANDHU PALLY(S.COD E-81)	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Once in a month	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1
129	BIDHAN PALLY AREA(S(S.code -123).CODE- 123)	INDIVID UAL	Partially Connected	Not Connecte d	Not Connec ted	More than a month	Daily	Other s	Once in 15 days	Non- Motorable Kaccha	LESS THAN 0.5 KMS-1
130	ASHUTOSH PALLY ARea(S.code- 1(S.CODE-124)	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	15-30 days	Once in a month	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1
131	MILAN NAGAR ANCHAL AREA007	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	15-30 days	Once in 2 days	Muni cipal staff	Once in 15 days	Non- Motorable Pucca	LESS THAN 0.5 KMS-1



132	SARAT PALLY AREA022	INDIVIDUAL	Partially Connected	Partially Connected	Data Not Entered	Upto 15 days	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
133	BANKIM PALLY AREA027	INDIVIDUAL	Partially Connected	Partially Connected	Data Not Entered	15-30 days	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
134	DAKSHIN NADIKUL AREA042	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in a week	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
135	BASUDEV PALLY AREA (S.code-126)		Partially Connected	Partially Connected	Data Not Entered	Upto 15 days	Once in 2 days	Municipal staff	Once in 2 days	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
136	DAKSHIN NADIKUL(DH OPA PARA)(S.CODE -77)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	0.5 TO 1.0 KM.
137	PURBA ALIPUR(2)(S.CODE-92)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
138	DAKSHIN NADIKUL(DH OPA PARA-1)(S.code-94)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
139	PURBA ALIPUR(1)(S.code-96)		Partially Connected	Partially Connected	Data Not Entered	Upto 15 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	10. K.M. TO 2.0 K.M.
140	DASPARA ANCHAL AREA(S.code-101)	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	0.5 TO 1.0 KM.
141	RABINDRA PALLY AREA(S.code-125)		Partially Connected	Partially Connected	Data Not Entered	15-30 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	0.5 TO 1.0 KM.
142	OLAICHANDI 1ST LANE(S.code-135)	PRIVATE	Partially Connected	Partially Connected	Not Connected	Upto 15 days	Daily	Municipal staff	Once in a week	Motorable Kaccha	0.5 TO 1.0 KM.
143	KALYANNAGAR(CHAK PARA)031	INDIVIDUAL	Partially Connected	Partially Connected	Data Not Entered	15-30 days	Once in 2 days	Municipal staff	Once in a week	Non-Motorable Pucca	2.0 K.M. TO 5.0 K.M.
144	ALIPUR BATTALA AREA001	INDIVIDUAL OWNER	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
145	RABINDRA NAGAR AREA002	INDIVIDUAL OWNER	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.
146	BURIR BAGAN AREA003	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
147	PURBA ALIPUR AREA006	INDIVIDUAL	Partially Connected	Partially Connected	Data Not Entered	Upto 15 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	LESS THAN 0.5 KMS-1
148	PURBA ALIPUR TALBAGAN011	INDIVIDUAL	Partially Connected	Partially Connected	Not Connected	15-30 days	Once in 2 days	Municipal staff	Once in 15 days	Non-Motorable Pucca	0.5 TO 1.0 KM.

149	SLUM AT AMBAGAN AREA	INDIVID UAL	Partially Connected	Partially Connecte d	Not Connec ted	15-30 days	Once in a month	Muni cipal staff	Once in 15 days	Non- Motorable Kaccha	LESS THAN 0.5 KMS-1
150	Rabindranagar Sahar Bagan(S.C.-148)	PRIVATE	Partially Connected	Partially Connecte d	Not Connec ted	Upto 15 days	Daily	Muni cipal staff	Once in a week	Non- Motorable Kaccha	10. K.M. TO 2.0 K.M.



### **Water Supply**

Majority of the household uses public taps for water supply. Few of slums are partially connected with the water supply network, however the overall situation is poor and need augmentation in the total water supply system.

### **Sewerage and StormWater Drains**

Sewerage system is not available at North Dum Dum Municipality. Drainage system as available is very poor. Disposal of stormwater/Sullage disposal drain/culverts are in sufficient. Stagnant water has been observed at many places in and around the slums.

### **Solid Waste**

The Solid Waste Management system in the slum is mainly done by the ULB. The waste which is generated is collected daily. The drains are cleared by the local people once in a week. However due to irregular and non-clearance of the drains in due time there is chocking of the drains and thereby water logging conditions crops up.

### **Roads**

Approach roads to the slums are motorable but roads within slum are in dilapidated condition. Though the distance from the main motorable road is mostly 0.5 to 2km in most of the slums, the condition of the roads within the slums needs much improvement as around 40% of the roads are still kuccha.

### **Electricity**

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

### ***Status of Social Infrastructure:***

Given in separate attached file\_social status of slum (file name: Social Status of slum.xlsx)

## **The Supply Demand Gap and Requirements**

### **Particulars**

### **Requirements**

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

- 1 MultipurposeRoom
- 1 BedRoom
- 1 Kitchen
- 1 Toilet
- 1 W.C

*PhysicalInfrastructureRequirement: Standard Infrastructure Provision for*

- WaterSupply
- Drainage
- Roads
- Electricity

### **ProjectDevelopmentOption**

In-situ redevelopment and slum wise the project will be addressed with construction of 1200 dwelling units in all the wards of the ULB in the first year 2015-16 of this project.

### **Proposed Development**

Based on preliminary understanding, the following components are being proposed

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

### **Innovationsproposed in Project Planning**

#### **Background**

Housing activities are known to have the capacity to play a significant role in social-economic development, because they help not only in creation of shelter for the people but also in generating employment opportunities for a large variety skilled and unskilled work force which is a prerequisite for growth and development of settlement. A considerable section of the people without land are in a still worse position as housing schemes for the poor have hitherto be entargeted on paper but not applied inpractice.Both the service land and shelter have become beyond thereachforhalfofthe population-hence formation of slums, encroachments, informal colonies and unauthorized constructions. No land is earmarked for Economically Weaker Sections and Low Income Groups in Master Plan.The population



density norms are required to re-look to enable better utilization of valuable land, as certain areas in the city. This growing slum population and the lack of basic facilities like water and sanitation will badly impact on overall development and prosperity of urban centers like Municipality.

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

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

#### **Financial Implementation:**

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

Implies development of housing by involvement of Beneficiary

#### **Tasks:**

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

#### **Post Project Monitoring**

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

#### **Physical Infrastructure**

##### **Background**

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

The aim of the survey was to collect information on the present condition of the slums and on

recent changes, if any in the condition of facilities available therein. Both 'notified slums'—areas notified as slums by the municipalities, corporations, local bodies or development authorities—and non-notified slums were surveyed—an on notified slum being any compact urban area with a collection of poorly built tenements, mostly of temporary nature, crowded together usually within adequate sanitary and drinking water facilities in unhygienic conditions.

The present report gives the condition of urban slums, covering ownership, area type, structure, road within and approaching the slum, living facilities like electricity, drinking water, latrine, sewerage, drainage, garbage disposal, and distance of slums from the nearest primary school and government hospital/health centre. It also estimates the proportion of slums where certain specific facilities have improved/deteriorated over the five years preceding the date of survey. Comprehensive data on this subject was last collected by NSSO in its 58<sup>th</sup> round (July – December 2002). The present report provides key indicators from the 58<sup>th</sup> round as well, for comparison. Some important findings of the survey are given below.

- About 49 thousand slums were estimated to be in existence in urban India in 2008-09, 24% of them were located along *nallahs* and drains and 12% along railway lines.
- About 57% of slums were built on public land, owned mostly by local bodies, state government, etc.
- In 64% of notified slums, a majority of the dwellings were pucca, the corresponding percentage for the non-notified ones being 50%.
- For 95% slums, the major source of drinking water was either tap or tube wells.
- Only 1% notified and 7% non-notified slums did not have electricity connection.
- About 78% of notified slums and 57% of non-notified slums had a pucca road inside the slum.
- About 73% notified and 58% non-notified slums had a motorable approach road.
- About 48% of the slums were usually affected by water logging during monsoon—32% with inside of slum waterlogged as well as approach road to the slum, 7% where the slum was waterlogged but not the approach road, and 9% where only the approach road was waterlogged in the monsoon.
- The sanitary conditions in the slums in terms of latrine facility during 2008-09 showed considerable improvements since 2002. Latrines with septic tanks (or similar facility) were available in 68% notified and 47% non-notified slums (up from 66% and 35% respectively in 2002). At the other extreme, 10% notified and 20% non-notified slums (down from 17% and 51% in 2002) did not have any latrine facility at all.
- About 10% notified and 23% non-notified slums did not have any drainage facility. The corresponding proportions in 2002 had been 15% for notified and 44% for non-notified slums. Underground drainage systems or drainage systems



constructed of pucca material existed in

about 39% notified slums (25% in 2002) and 24% non-notified slums (13% in 2002).

- Underground sewerage existed in about 33% notified slums (30% in 2002) and 19% non-notified slums (15% in 2002).
- Government agencies were collecting garbage from 75% notified and 55% non-notified slums. Among these slums, garbage was collected at least once in 7 days in 93% notified and 92% non-notified slums. About 10% notified and 23% non-notified slums did not have any regular mechanism for garbage disposal.
- Over the last five years, facilities had improved in about 50% of notified slums in terms of roads (both within-slum road and approach road) and water supply. The incidence of deterioration of any of the existing facilities in notified slums during the last five years was quite low (about 6% or below).
- In case of most slum facilities—sewerage and medical facilities being exceptions—the facility was reported to have improved during the last five years in more than 20% of non-notified slums. Deterioration of any of the existing facilities in non-notified slums, like notified slums, was rare (about 9% or below).
- Facilities such as street light, latrine, drainage, sewerage and medical facilities were each reported by more than 10% of notified slums to be non-existent both at the time of survey and five years earlier. In case of non-notified slums, facilities like street light, latrine, drainage, sewerage and garbage disposal were each reported by more than 20% of the slums to be non-existent, both during the survey and five years earlier.
- Where improvement had been brought about during the last 5 years, it was due to the Government's efforts in about 80-90% of slums, both notified as well as non-notified and for all the facilities. Improvement in educational facilities at primary level was attributed to NGOs in 13% of the notified slums where such improvement was reported. NGOs were also found to have played a role in the improvement of latrine and sewerage system in non-notified slums.

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

The preparation of basemap of slums has been prepared with Global Positioning Stations (GPS) and temporary Benchmarks (TBM) for Georeferencing and accurately locating the slum. These points have been selected and located at well-defined locations on the ground after discussion with the ULB officials. The existing topographical features have been represented to the actual terrestrial position. Based on the Total Station survey and Socio-economic survey GIS based thematic maps were generated. This helped in accurate representation of the ground scenario with that of the socio-economic conditions of the people.

## WaterSupply

### Proposal Rationale

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

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

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

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

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

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

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

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



## Outcome

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

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

The following norms have been fixed for different region:

- **Kolkata Municipal Corporation Area**      **200lpcd**
- **Howrah Municipal Corporation Area**      **150lpcd**
- **Municipal & Non-Municipal Area**      **135lpcd**

## Situation Appraisal & Key Intervention for Identified Slum

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

It is now proposed that water pipeline shall be provided in each household with requisite number of taps as computed during the survey as felt needs shall be provided under this Project. However, considering that the houses are being provided with water the provisions of multiple taps have not been encouraged and kept to the minimal level.

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

- Population projection
- Project horizon years
- Design period for various project components
- Per capita water supply
- Factors affecting consumption
- Existing water supplies
- Pipeline pressure requirement
- Supply of water on 24x7 basis
- Economical size of conveying main
- Choice of pipe materials
- Peak factor

- Residual pressure
- Hydraulic zoning

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

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

### **Service Plan**

The pipelines need to be regularly maintained and kept in full working conditions. It is proposed that operation and maintenance of these pipelines and other assets be done in conjunction with the maintenance programme of the Municipal Corporation. The Bustee Working Committee shall be the first level of responsibility for ensuring that the pipelines etc are kept in good order. The overall operation and maintenance shall be carried out by the project cell of the Municipal Corporation.

### **Proposed Interventions**

According to the above the water supply design requirement for Municipality has been fixed at 135 lpcd (Domestic Requirement) + 15% (headloss) +  $100 \times (p^{0.5}) = 163.25 \text{ lpcd (approx.)}$ .

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

### **Transmission of Water**

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

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

Following design criteria are adopted for this project:

- Gravity pipe lines have to be laid below the hydraulic gradient.



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

## **Drainage and Solid Waste Management**

### **Proposal Rationale**

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

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

### **Outcome**

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

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

One of the priority area identified for Wood Industries slum has been absence of adequate drainage. Most of the drainage is kutchra and inadequate for covering the slums which had led to waterlogging which in turn affected the environment and health of the people on an overall basis.

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

Though there are storm water drains on the main road around the slums but there is no systematic connection with the internal areas of the slum, thereby leading to acute waterlogging within the slum. It is worth mentioning that a part from lack of drainage network



in several slum pockets major challenge lies with its maintenance. Innumerable cases drains in slums gets choked due to improper disposing of solid waste and other hazardous materials into the existing drains.

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

### **Proposed Interventions**

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

### **Road Infrastructure**

#### **Proposal Rationale**

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

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

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

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

One of the major issues is absence of proper maintenance. In view of this it is proposed that the



entire roadnetwork is to be converted to concrete pavement as concrete pavements are durable and easy to maintain.

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

### **Proposed Intervention**

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

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

### **Outcome**

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

### **Proposed Intervention**

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

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

The Community Centres act mainly as a supporting unit for livelihood and for revenue generation for O&M.

### **Materials of construction:**

- PCC (1:3:6) for foundation
- RCCM-20 for substructure & super structure (Column, Beam, Slab)

- HYSD Steel
- 1<sup>st</sup> Class Brick Masonry
- 1:6 (Cement: Sand) plaster – 10 mm on soffit of beam & slab, 15 mm on internal walls & 20 mm on external walls
- IPS flooring

### Definition of Slum for Housing

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

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

**'Slum' or 'Slum Area'** – is a compact settlement of at least 20 households ( For NE & Special Category States it is 10-15 households) with a collection of poorly built tenements, mostly of temporary nature, crowded together usually with inadequate sanitary and drinking water facilities in unhygienic conditions.

### Situation Appraisal

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

### Proposed Intervention

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

Building type	Number of DU
In situ single Unit	1200 distributed within 145 slums



## Building Plan

The buildings are proposed to cover an area of approximate 32 Sq.mt along with provision of 2 rooms, kitchen and sanitation facility. The layout, size and type design of housing dwelling units depends on the local conditions and the preferences of the beneficiary. The houses, has been designed in accordance with the desire of the beneficiaries, keeping in view the climatic conditions and the need to provide ample space, kitchen, ventilation, sanitary facilities, etc. and the community perceptions, preferences and cultural attitudes. In line with the scheme, carpet area of the house will be not less than 25 sq. mts and preferably two room accommodation plus kitchen and toilet should be constructed.

## Building material

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

## Structural Design

Following are the general considerations in the analysis/design.

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

## Design data

Live load: 2.0 kN/m<sup>2</sup> at typical floor

- ☐ 1.5 kN/m<sup>2</sup> on terrace (With Access) : 0.75 kN/m<sup>2</sup> on terrace (without Access)
- ☐ Floor finish 50mm (0.05\*24) = : 1.2 kN/m<sup>2</sup>
- ☐ Ceiling plaster 12mm (0.012\*20.8) : 0.25 kN/m<sup>2</sup>
- ☐ Partition walls (Wherever Necessary) : 1.0 kN/m<sup>2</sup>
- ☐ Terrace finish: 1.5 kN/m<sup>2</sup>

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

#### **Reference codes:**

IS 456: 2000 - Code of practice -Plain and Reinforced concrete.

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

#### **Identification of Beneficiaries**

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

#### **Allotment of Houses**

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

#### **Town Planning Norms**

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

#### **Compliance with Municipal Byelaws**

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



## **Tenure**

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

## **Summary of Investment**

### **Project Costing**

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

The cost components include:

*Infrastructure:* Cost of infrastructure development/up-gradation including water supply, sewerage, stormwater drainage, solid waste management, roads & drainage, streetlights, etc.

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

### **Other costs**

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

*Land:* Own land of Beneficiary.

*Operation & Maintenance Costs:* Costs for O&M of assets created under PMAY is permissible. This has been fixed at 2% of the approved project cost of which the Central share would be 50% i.e 1% of the approved project cost.

### **GOI Contribution:**

PMAY scheme guidelines stipulate that, 1.5 lakhs of the unit cost of dwelling unit. The Central share would be available as per milestones set out in Memorandum of Agreement (MoA).

### **Beneficiary Contribution:**

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

**State Contribution:**

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

**ULB Contribution:**

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

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

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

**Project Cost and Financing Strategy for Dwelling Unit:****For Dwelling Unit**

Total no of Dwelling unit = 60 Nos

Rate per Dwelling unit = 3.68 Lakhs

Total Cost of Dwelling unit = 261.24 Lakhs

Central Share = 132.78 Lakhs

State Share = 115.83 Lakhs

Beneficiary Share = 11.04 Lakhs

ULB Share = 1.59 Lakhs

**For Infrastructure**

10 % of total Dwelling unit cost = 0.37 Lakhs

Central Share = NIL

State Share = 50% = 11.04 Lakhs

Beneficiary Share = NIL

ULB Share = 50% = 11.04 Lakhs

The total project cost will be 22.08 Lakhs (for 60 dwelling units)



The following table shows the share of cost between housing infrastructure & Physical Infrastructure.

Table: Cost Breakup between Housing & Infrastructure

SINo.	Component	Cost on Lakhs
1.	HousingCost (60DwellingUnits, phase -I)	261.24
2.	InfrastructureCost	22.08
	<b>Total</b>	<b>283.32</b>

## Sectorwise Monitoring and Implementation Plan

### Background

A strong implementation plan and administration framework is essential for implementation of the identified projects that require strengthening of the Municipal Corporation and evolution of a Community Structure.

Accurate assessment of investment requirements and devising a suitable financing strategy are the key components of any sustainable slum rehabilitation program. Implementing bodies must recognize and measure the various costs of developing infrastructure and housing, including the costs for subsequent maintenance. As the scheme is a collaborative effort of multiple stakeholders, with a few of them contributing financially as well, it is important to estimate the required capital expenditure for developing the infrastructure and improving the housing stock as accurately as possible.

### National Level

#### PMAY Mission Directorate

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

#### State PMAY Mission Director

The State Level Nodal Agency for PMAY/SUDA, West Bengal will have coordination of all PMAY(Housing for All):North Dum Dum Municipality

scheme and reform-related activities more than one department handling Urban development, Local self government, and Housing. SLNA. The Mission Directorate supported by a team of dedicated professionals having expertise in the fields of GIS, MIS, town planning, community development, project engineering, capacity development etc

### **North Dum Dum Municipality**

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

The BWMC will have representatives of local councillor, Chairman-in-Council, municipal engineers, town project officer, community organizers and member from the local slum dwellers. Some of the responsibilities of BWMC are listed below:

- i. Delineation of poverty pockets in this town to execute the scheme.
- ii. Recruitment of community organizers
- iii. Guiding and assisting the community organizer to form neighbourhood group (NHG) and for identification of RCVs.
- iv. Formation of NHCs and CDs.
- v. Constitution of town level planning and monitoring committee (TLPMC).
- vi. Liaison with CMOH and other concerned district level officers and NGOs for conference.
- vii. Regular contact with SUDA and Department of Municipal Affairs.
- viii. Convening meeting of TLPMC to take stock of programme implementation and convergence.
- ix. Dovetail all poverty alleviation programmes with IHSDP.
- x. Obtain regular feedback from CDS and send the required monthly progress report to SUDA by the end of first week of the next month in the prescribed MIS format.

### **Participation through Beneficiary committees**

People's participation in municipal planning and development is critical and shall be ensured through of Ward Committees in each ward irrespective of their population and size. The Ward Committee Rules have also been framed in such a way so as to ensure involvement of the members of the Ward Committees in the overall municipal administration and resource mobilization. The Ward Committee created especially for the purpose of PMAY will be headed by the Councillor of the Ward, who would in turn submit the report of progress to BWMC.



Some of the responsibilities the Ward Committee will be:

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

#### **Participation through Community Based Organization**

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

#### **Housing**

##### **Monitoring**

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

##### **Evaluation Studies**

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

##### **Modality of implementation**

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

## **Transparency in implementation of Housing Scheme**

The list of items on which information would be made available to people to bring about greater transparency at the State, District and Corporation levels is given below:

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

## **Monitoring & Evaluation**

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

- ☐ Ministry of Housing and Urban Poverty Alleviation will periodically monitor the scheme.
- ☐ State Nodal Agency would send Quarterly Progress Report (on-line) to the Ministry of Housing and Urban Poverty Alleviation.
- ☐ Upon completion of a project, the State Nodal Agency, through the State Government, would submit completion report to the Central Government.
- ☐ Central Sanctioning-cum-Monitoring Committee will meet as often as required to sanction and review/monitor the progress of projects sanctioned under the Mission.
- ☐ States/Cities will be facilitated through independent quality control/ assurance/ third party teams at various levels that may be outsourced to specialized/technical agencies.
- ☐ Monitoring of projects by States/Urban Local Bodies by conducting Social Audit in conformity with guidelines to be prescribed, right from the stage of project preparation.
- ☐ The processes of implementation will be monitored by undertaking concurrent evaluation through reputed independent institutions to ensure that corrections to distortions, oversights or shortcomings can be made in time.

## **Operation & Maintenance**

*Formulation and Implementation of "Operation and Maintenance Plan for Slum Level Infrastructure work"*



## Background

It is recognized that the assets created in slums are required to be properly used and maintained. For this purpose, 'Operation and Maintenance Plan' for the slum is being prepared.

## Formulation and implementation of O&M plan

1. The assets created in project are required to be properly used and maintained.
2. For this purpose each ULB will formulate and implement a fully resourced 'Operation and Maintenance Plan' for project area where infrastructure works have been undertaken from BSUP funds.
3. The following steps will be taken prior to preparation of the 'Operation and Maintenance Plan' for each slum:
  - a) The ULB along with the CDS working in the Slum where infrastructure works were performed will arrange a meeting (1st) with all slum dwellers of that particular slum.
  - b) At this meeting the Local Councillor, Chairman-in-Council of slum development work, Municipal Engineers, Town Project Officer, Community Organiser, CDS members and RCVs of that particular slum will be present. Other members/ officials as felt necessary may also be present.
  - c) At this meeting the need for formation of Bustee Works Management Committee (BWMC) for looking after, Operation and Maintenance Plan for Slum Level Infrastructure work will be explained to the slum dwellers.
  - d) The stock of work done and assets created under slum level infrastructure works of that particular slum will be listed at this meeting.
  - e) At this meeting the ULB will brief the slum dwellers about the constitution role and functions of the BWMC.
  - f) A similar next meeting (2nd) will be held at which the BWMC will be elected as per constitution through informal election. If one meeting is not sufficient more such meetings may be arranged.
  - g) Minute of each meeting with signature of the participants should be maintained.

## Maintenance:

### Water Supply: Routine maintenance

- a) Daily cleaning
- b) Petty repair
- c) Periodical testing of water

Petty repair involves mainly replacement of street stand posts, repairing of hand pump and platform. It is to be ascertained by the ULB / Bustee Works Management Committee (BWMC) how much money is roughly required per month for meeting the cost of this petty repair, daily cleaning and periodical testing of water. The cost of petty repair works and daily cleaning is to be met from collection of fund from the Beneficiaries.

The Bustee Works Management Committee (BWMC) will supervise these Daily cleaning and petty repair work'.

**Sanitation: Community latrine**

Daily cleaning and petty repair work:

- ☐ It requires daily cleaning (once, twice or more) by engaging a sweeper on contract.
- ☐ Replacement of Bib cock and other petty repairing work

It is to be ascertained by the ULB / BWMC as to how much money is required per month for carrying out the work of item (i & ii). The cost of item (i & ii) is to be met from ULB fund / Beneficiary Contribution / or a combination of both in every month. This decision may be taken. The BWMC is required to collect the contribution from Beneficiaries every month and supervise the work.

**Major repair and maintenance work:**

Periodical maintenance of latrine structure by way of plastering, colour washing, door, window, floor repairing, replacement of broken (W.C.) pan, cleaning of septic tank ,etc. Major repair and maintenance work will be implemented by the ULBs from their fund by engaging CDS / contractor or ULB staff.

**Drainage:**

*Petty repair, operation and maintenance:*

It requires cleaning at least once or twice in a week and occasional petty repair. This work should be executed by the BWMC, for which the BWMC will first decide how much money will be required i n every month for getting this work done. Once the amount is ascertained, the ULBs will decide whether this expenditure may be fully met from the contribution of the Beneficiaries only or proportionately shared by ULB and Beneficiaries. The BWMC will collect the contribution from Beneficiaries. It is to be decided how the contribution be collected. The BWMC will supervise the work.

Major maintenance and repairing work like plastering, reconstruction of damaged portion and other works may be needed from time to time.

Major maintenance and repairing work will be executed by the ULBs from their fund by engaging CDS / contractor or ULB staff.



**Road:****Maintenance of Concrete paved road:**

Sweeping, petty repair and maintenance will be implemented by the BWMC for which they will collect contribution from Beneficiaries.

**Solid waste management:**

1. Daily door to door collection and depositing to the nearby container / trailer
2. Will be done by the ULB with existing staff. The staff engaged for this work will report to the BWMC who will supervise their work. The BWMC will maintain the attendance of the staff attending the work and report on weekly basis to the ULB regarding their attendance and performance. BWMC will first assess how much money will be required every month. The BWMC will collect the contribution from Beneficiaries every month. BWMC will supervise the work.
3. Transporting from container / trailer to dumping / composting ground
4. The ULBs will execute the work from their fund.

**Duties of BWMC**

1. They will maintain a register showing the existing services / structures under their control :

**i. Water supply**

- a) What is the length of water line
- b) What is the diameter and material of water line
- c) How many stand posts are there
- d) How many small dia-deep tube wells are there and their status (functioning /defunct)
- e) How many big dia deep tube wells are there and their status (functioning /defunct)

They will maintain a register for keeping stock of materials which are often required for day to day maintenance work like bib cock, short pipe for stand posts etc.

**ii. Sanitation, Drainage, Solid waste management, Community Centre**

- a) They will maintain a register showing number of existing community latrines, Community Seva Kendra and community centres under their control with their status. They will also maintain a register of consumable goods like Muriatic acid, brush, broom, towel, soap etc. which will be required for maintenance purpose.
- b) They will maintain an attendance Register for the persons attending

duties. They should also maintain a register of income (collection) and expenditure.

- c) The Bustee Works Management Committee (BWMC) will be responsible for awareness generation amongst the slum dwellers for upkeep and maintenance of the assets created.

#### **Function of ULB for O&M work through BWMC:**

- i) Formation of Bustee Works Management Committee (BWMC) through a process of election.
- ii) One cashier to be elected among the BWMC for keeping accounts.
- iii) O&M Plan as per format to be discussed with all slum dwellers and agreed and a Tripartite Agreement signed by ULB, CDS and Bustee Works Management Committee.
- iv) ULB to pass the O&M Plan by Board of Council and earmark funds as required.
- v) ULB to allot work to one engineer and one accounts person to supervise, implement of O&M Plan and keep in regular touch with the BWMC to ascertain and solve minor problems. Local councillor may also be asked to supervise along with the engineer and liaise with the BWMC.
- vi) Necessary corrective action from time to time may be taken by ULB.

#### **Proposed funding pattern for O&M work by BWMC**

Under PMAY Projects, guidelines indicate that, O & M cost of first five years. This should be applicable to Cost of Buildings i.e. group housing, community centre etc. The beneficiaries should form a Residents Welfare association who should be responsible for maintenance of residential buildings, community facilities beyond the first five years. As far as the infrastructure viz. Roads, drains, street lighting, Water supply, sewerage is concerned the O & M becomes part of city wide infrastructure. However it is considered appropriate that beneficiaries would pay user charges for infrastructure for which the concerned authorities should work out appropriate User charge with suitable cross subsidy. In addition, the administrative arrangement for attending to complaint and regular maintenance to ensure on time maintenance also needs to workout.

Future year's operation and maintenance will be met out from a mix of user charges and ULB funding. Arrangement for training to the members of the BWMC for petty repair, operation and maintenance work should be made by the ULB.

#### **Central Share**

A cost for O&M of assets created under PMAY is permissible. This has been fixed at 2% of the approved project cost of which the Central share would be 50% i.e. 1% of the approved project cost. Future year's operation and maintenance will be met out from a mix of user charges and balance from ULB funding



## SOCIAL INFRASTRUCTURE OF SLIMS AT A GLANCE

[illegible]

















## Executive Summary

### Project Details

1	State	:	West Bengal
2	City	:	North Dum Dum
3	Project Name	:	Housing For All (PMAY -2015-2016) PHASE - I
4	Project Cost	(Rs. In Lacs) :	261.24
5	Central Share	(Rs. In Lacs) :	132.78
6	State Share	(Rs. In Lacs) :	115.83
7	ULB Share	(Rs. In Lacs) :	1.59
8	Beneficiary Share	(Rs. In Lacs) :	11.04
9	Infrastructure cost per dwelling unit	(Rs. In Lacs) :	0.37
10	SOR Adopted	:	PWD (WB) w.e.f 1.7.14 with current corrigendum.

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

Sl No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Apprated Project Cost (in lakh)	Central Share	State Govt. Share	ULB Share	Beneficiari es Share
A. HOUSING											
1	New in- situ										
	Single storied units		60	Nos.	368000.00	220.80	220.80	110.40	99.36		11.04
Total Housing Cost Sub Total (A)						220.80	220.80	110.40	99.36	0.00	11.04
B. INFRASTRUCTURE											
1	Roads										
i	CC Roads	2.5 m wide	300	Mtr	4097.00	12.29	12.29	6.15	5.53	0.61	
2	Water Supply										
i	Pipeline		60	nos.	1572.00	0.94	0.94	0.47	0.42	0.05	
3	Storm Water Drains										
i	Onsite drain & Culvert	Surface Drain: 400 x 400	314	Mtr	2817.00	8.85	8.85	4.42	3.98	0.44	
Total Infrastructure Cost Sub Total (B)						22.08	22.08	11.04	9.94	1.10	0.00
Total (A+B)						242.88	242.88	121.44	109.30	1.10	11.04
Ratio of Housing to Infrastructure (A/B)						10.00	10.00				
(C) Operation and maintenance cost											
1	O & M Cost for maintenance of assets created @4% for one year		242.88		4%	9.72	9.72	4.86	4.37	0.49	
Total O & M Cost Sub Total (C)						9.72	9.72	4.86	4.37	0.49	0.00
Sub Total(A+B+C)						252.59	252.59	126.30	113.67	1.59	11.04
(D) Other Cost											
1	DPR Preparation, project management, supervision & Quality control		% total cost		0.56%	1.36	1.36	1.02	0.34		
2	Contingency		% total cost		3%	7.29	7.29	5.46	1.82		
Sub Total (D)						8.65	8.65	6.48	2.16	0.00	0.00
Grand Total (A+B+C+D)						261.24	261.24	132.78	115.83	1.59	11.04

Signature of the ULB Level Competent

Signature of the State Level Competent Technical

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

Signature of the Chairman / CEO/Commissioner of ULB/  
Name & Designation:  
Chairman, North Dum Dum Municipality



# NORTH DUM DUM MUNICIPALITY

## WORK AND COST SUMMARY - SLUM WISE DETAILS

Slum No.	Name of Slum	Area SqKm	Population	HOUSING		Drainage (M) (Rs.287.00/M) (Section - 400x400)		Pipe Line @ Rs.1672.00 /M		Concrete Roads (@ Rs. 4057.00/M)		Grand Total (Rs. in lakh)
				Dwelling Units (@ Rs.3.68 Lakh/ each)								
				Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	
001	Alipur Battala Area	0.34	2640	3	11.04	15.7	0.44	3	0.05	15	0.61	12.14
018	Uttar Pratapgar Area(1)	0.106	1170	2	7.36	10.5	0.29	2	0.03	10	0.41	8.10
019	Netaji Subhas Sarani	0.100	1152	2	7.36	10.5	0.29	2	0.03	10	0.41	8.10
023	Uttar Pratapgar Area(2)	0.195	1500	1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
028	Nabajiban Low Ground Area	0.069	683	3	11.04	15.7	0.44	3	0.05	15	0.61	12.14
031	Kalyannagar(Chak Para)	0.164	829	2	7.36	10.5	0.29	2	0.03	10	0.41	8.10
039	Akash Deep Area (Nutun pally)	0.066	633	1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
040	Rishi Arabinda Sarani	0.128	809	3	11.04	15.7	0.44	3	0.05	15	0.61	12.14
041	Monoranjan Roy Pally Area	0.073	564	2	7.36	10.5	0.29	2	0.03	10	0.41	8.10
045	Nabanagar Hospital Road			1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
048	Vivekananda Pally (Western Side of railway line)			2	7.36	10.5	0.29	2	0.03	10	0.41	8.10
049	3 A No K. K. Pally Area			4	14.72	20.9	0.59	4	0.06	20	0.82	16.19
055	Surya Sen Pally			2	7.36	10.5	0.29	2	0.03	10	0.41	8.10
057	Khudiram Pally Area			1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
081	Mahanagar Math Anchal Area			3	11.04	15.7	0.44	3	0.05	15	0.61	12.14
091	Math Para Area			1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
095	Rabindra Pally Area			1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
097	Fakir Para Area			2	7.36	10.5	0.29	2	0.03	10	0.41	8.10
100	Uttar Patna Area			3	11.04	15.7	0.44	3	0.05	15	0.61	12.14
102	Nilachal Area			1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
103	Debinagar Area			3	11.04	15.7	0.44	3	0.05	15	0.61	12.14

Slum No.	Name of Slum	Area SqKm	Population	HOUSING								Grand Total (Rs. in lakh)
				Dwelling Units (@ Rs.3.68 Lakh/ each)		Drainage (M) (Rs.2817.00/M) (Section - 400x400)		Pipe Line @ Rs.1572.00 /M		Concrete Roads (@ Rs. 4097.00/M)		
				Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	Qty.	Amt.	
112	Ramkrishna Pally Area			3	11.04	15.7	0.44	3	0.05	15	0.61	12.14
121	Narayan Pally Area			1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
122	Naikuri Anchal Area			1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
134	Slum At 6 No Rail Gate By The Side Of Railway Track – Ward (3)			2	7.36	10.5	0.29	2	0.03	10	0.41	8.10
135	Slum At Olaichandi 1st Lane			2	7.36	10.5	0.29	2	0.03	10	0.41	8.10
137	Anjangarh			1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
139	Nabanagar North			3	11.04	15.7	0.44	3	0.05	15	0.61	12.14
143	Sapta Gram South			1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
144	Sarat Colony			1	3.68	5.2	0.15	1	0.02	5	0.20	4.05
145	Indira Nagar	0.055	605	2	7.36	10.5	0.29	2	0.03	10	0.41	8.10
Total		1.30	10585	60	220.80	314.0	8.84	60	0.94	300	12.29	242.88



# DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

## Pradhan Mantri Awas Yojana Housing For All (Urban)

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

Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda  
/24 Pgs (N & S)/ Kalyani Sub Div.)

( Kolkata

Floor Area 25.37 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil ( including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm . <b>SOR, PWD, P-1, I -2 a</b>	13.000	%cu.m	12047.00	1566.11
2	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete.( Payment to be made on the basis of measurement of finished quantity of work ) a) With earth obtained from excavation of foundation. <b>SOR, PWD, P-1, T/3 a</b>	11.120	%cu.m	7831.00	870.81
3	Supplying Laying Polithin Sheets etc. <b>SOR, PWD, P-45, T - 13</b>	22.000	sqm	25.00	550.00
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering.a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety <b>SOR, PWD, Page 24 ; Item -10 a</b>	3.500	cu.m.	5823.00	20380.50
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete. <b>SOR, PWD, P-45, T-12</b>	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 <b>SOR, PWD, P-29, T -22(a), (b)</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 <b>SOR, PWD, P-73, I -29</b>	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 <b>SOR, PWD, P-14, T -7(i)</b>	3.940	cu.m.	6851.66	26995.54
9	Reinforcements for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16G black annealed wire at every inter-section, complete as per drawing and direction. (a) For works in foundation, basement and upto roof of ground floor / upto 4m. (i) Tor steel/Mild steel. <b>SOR, PWD, P-27, T -15(i)</b>	0.309	MT	60705.93	18775.74



SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
10	Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor). (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.) <b>SOR, PWD, P-66, T -12(a)</b> 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M <sup>2</sup>	360.00	13342.68
11	Plaster ( to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary . In ground floor. A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster <b>SOR, PWD, P-151, T -2 (i)(b)</b> b) Out side Wall, 15mm th. <b>SOR, PWD, P-151, I -2 (i)(c)</b> B)10mm th ceiling plaster (4:1) <b>SOR, PWD, P-151, I -2 (i)(c)</b>	116.940 111.950 23.330	sq.m. sq.m. sq.m.	181.00 156.00 140.00	21166.14 17464.20 3266.20
12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. <b>SOR, PWD, P-152, I -8</b>	26.700	sq.m.	38.00	1014.60
13	Artificial stone in floor,dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick <b>SOR, PWD, P-40, I -3 (i)</b>	26.490	sq.m.	265.00	7019.85
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1)a fitted and fixed complete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) <b>SOR, PWD, P-90, I -18 (c)</b>	34	each	22.00	748.00
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood <b>SOR, PWD, P-85, T -1(i)</b>	0.213	cu.m.	46171.00	9834.42
16	Panel Shutter of door & Window (each Panal Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panal of size 30 to 45 cm. Other Local wood <b>SOR, PWD, P-105, I -84 (iv)c</b>	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 <b>SOR, PWD, P-91, T -20(iv)</b>	32.000	each	34.00	1088.00
18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia <b>SOR, PWD P-93, I-25,c</b>	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats <b>SOR, PWD, P-155, I -3 (b)</b>	124.960	%sq.m	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothening surface thoroughly external surface One Coat <b>SOR, PWD, P-155, I -4(ii)(a)</b>	100.560	%sq.m	1514.00	1522.48



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 <b>SOR, PWD, P - 162, I - 7(a)</b> 2) On Steel Surface <b>SOR, PWD, P - 162, I - 7(b)</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 <b>SOR, PWD, P - 162, - 8A(a), (b)</b>	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 dia with center bolt and round fitting. 300 mm long <b>SOR, PWD, P-93, I - 27c</b>	2.000	each	193.00	386.00
24	Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item <b>will not be</b> issued by deptt. <b>SOR, PWD, P-32, I - 38 (b)</b>	1.690	sq.m.	351.00	593.19
25	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials ( Spun yarn, valamoid / bitumen / M. seal etc.) complete. <b>P-173, I-21 A (ii), C(ii), D(ii)</b> <b>SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)</b> i) UPVC Pipe 110 mm dia ii) UPVC Bend 87.5 degree 110 mm dia iii) UPVC Shoe 110 mm	3.000 2.000 1.000	Mtr. each each	291.00 162.00 128.00	873.00 324.00 128.00
26	M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. Grill weighing 10 kg/sq m to 16 kg/m2 <b>SOR, PWD, P - 76, I - 10 (i)</b> <b>(2.70sqm @ 10.5kg per sqm = 28.35 kg)</b>	0.284	Qntl	8247.00	2342.15
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied, fitted and fixed in position (excluding cost of concrete for fixing). 450 mm long <b>SOR, PWD, (Sanitary) P - 65, I - 1 (iii)</b>	1.000	each	1062.00	1062.00
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including adding colour as necessary. <b>SOR, PWD, (Sanitary) P - 66, I - 9</b>	1.000	Pair	70.00	70.00
29	Supplying, fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed surface. S Trap 100 mm <b>SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)</b>	1.000	each	923.00	923.00
30	Supplying, fitting fixing CI Round Gratings 150mm dia <b>SOR, PWD, (Sanitary) P - 55, I - 18(ii)</b>	1.000	Each	100.00	100.00

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement mortar (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 75mm. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plastering and neat cement punning on top of the slab and making hooking arrangment on slab for lifting of the slab if require as well as jointing the connection with the inspection pit (450 x 450) covered with 50mm thick RCC slab (4:2:1) with stone chips and necessary reinforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder earth including supplying fitting fixing fibre glass pan P-tap & polythene pipe as per requirement to connect with the inspection pit complete with all respect as per direction of EIC.(ANNEXURE-II)	1	Item	7544.00	7544.00
	<b>TOTAL AMOUNT</b>		<b>Rs.</b>		<b>350000.36</b>
	<b>Say</b>		<b>Rs.</b>		<b>350000.00</b>
	<b>Add for Electrical Works (ANNEXURE-I)</b>		<b>Rs.</b>		<b>17858.00</b>
	<b>TOTAL AMOUNT</b>		<b>Rs.</b>		<b>367858.00</b>
<b>(Rupees Three lakh Sixty seven thousand Eight hundred &amp; Fifty eight only)</b>					



ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER RAY (ANNEXURE-I)					
Sl.No	Item of works	Unit	Rate	Quantity	Amount
1	Supplying & fitting polythene pipe complete with fittings as necessary. Under ceiling /beam/bound with 22SWG GI wire inclusive S & Drawing 1x18 SWG GI wire as fish wire inside the pipe & fittings and providing 55 mm dia disc of MS sheet (20SWG) having colour paint at one face first ended at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction) 19 mm dia 3 mm thick polythene pipe	RM	39.00	25.00	975.00
2	Powerckt wiring supplying and drawing 1 ; 1KV grade single core stranded FR PVC insulated & unseathed single core stranded Copper wire (Finolex make) 2 x 2.5 sqmm (PH & N) +1x1.5 sqmm (ECC) per laid polythene pipe and by the prelaid GI fish wire & making necessary connections as required.	RM	76.00	50.00	3800.00
3	Concealed Distribution wiring in in 2x1.5 sqmm single core standard *FR* insulated and unseathed cop per wire Finolex make & 1x1.5 sq mm single core stranded PVC insulated and unseathed cop per (Finolex make) wire used as ECC in 19 mm bore 3 mm thk. polythene pipe complete with all accessories embedded in wall smooth run to light / fan/call bell point with 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 swich (Anchor make) on existing switch board as mentioned sl. no.3	points	76.00	2.00	152.00
5	Supplying & drawing 1.1 KV grade single core 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

SLNo.	Item of works	Unit	Rate	Quantity	Amount
6	Supplying Delivery & instalation on wall of 30/32 amp DP MCBof Havel's make with enclosed box along with all its necessary 1 connection complete.(Anchor)	nos	808.00	2	1616.00
7	Earthing in soft soil with 50 mm dia GI pipe (TATA make Medium ) 3.64 mm th. X 3.04 Mtr long and 1 x 4 SWG GI ( hot dip) wire (4 m long) 13 mmdia x 80 mm long GI bolts, double nuts, double washer including S & F 15 mm dia GI protection (1 mtr long) to be filled with bitumen partlyunder the ground level & partly above GL driven to an average depth of 3.65 m below the GL & restoring surface duly rammed.	each	1715.00	1	1715.00
8	Connecting the equipment to earth BUSbar inclusive S&F 10 SWG (Hot Dip) GI wire on wall /floor with a staples buried inside wall /floor as required & making connection to equipments with bolt, nut, washer, cable lugs etc. as required & mending good damages.	M	6.00	5	30.00
			TOTAL		17858.00
Rupees 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**

	C/L of main outer wall			125 mm Partition wall		Varandah C/L	
	4.65			3.375		1.275	
	0.8			1.15		0.9	
	1.15			1.15	2.3	2.175	
	3.45			2.187			
	1.15			1.9			
	1.7			1.387	5.474		
	3.375			11.149			
	1.275						
	2.825						
	3.125						
	23.5						
	X wall	1.25					
Sl.no.							
1	Earth work in excavation						
	250 mm wall						
	23.5	0.75	0.7	12.34			
	0.875	0.75	0.7	0.46			
	24.375			12.8	m <sup>3</sup>		
	125 mm Wall						
	2.625		0.4	0.225	0.24		
	WC	0.4	0.4	0.225	0.04		
	Bath	0.65	0.4	0.225	0.06		
	5.474	0.75		0.225			
	4.724	0.4		0.225	0.43		
	Varanda	1.425	0.4	0.225	0.13		
					0.88		
	Step						
		0.5	0.9	0.075	0.034		
					13.715	m <sup>3</sup>	
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 <sup>3</sup>		



6	B.W (6:1) in Foundation of plinth							
		23.5	0.625	14.6875				
		23.5	0.5	11.75				
		23.5	0.375	8.8125				
				35.25	0.15	5.288		
		23.5	0.25		0.525	3.084		
	X wall	0.938	0.625	0.586				
		1	0.5	0.5				
		1.063	0.375	0.399				
				1.485	0.15	0.223		
		1.125	0.25		0.525	0.148		
	125mm	3.125	0.25		0.525	0.41		
	Bath&WC	2	0.9	0.25	0.523	0.235		
	Kit	5.224	0.25		0.525	0.686		
	Vard	1.925	0.25		0.525	0.253		
	Steps		0.5	0.9	0.15	0.068		
			0.25	0.9	0.15	0.034		
						10.427	ms	
7	DPC	23.5						
		1.125						
		24.625		0.25		6.156		
		3.125						
		1.8						
		5.224						
		10.149		0.125		1.269		
						7.425		
	Less		0.9	0.25	0.225			
			0.9	0.125	0.113			
	3		0.75	0.125	0.281			
						0.619		
						6.806	sqm	
8	BW in super structure (6:1)							
		23.5						
		1.125						
		24.625	2.75	0.25	16.93			
	Parapet	23.8	0.075	0.25	0.446			
						17.376		
	Less opens							
	1	0.9	2.1	1.89				
	4	0.9	0.9	3.24				
	1	0.75	0.9	0.675				
	3	0.75	0.75	1.688				
				7.493	0.25	1.873		
	Lintel							
	1	1.525	1.525					
	4	1.2	4.8					
	1	1.05	1.05					
			7.375	0.25	0.1	0.184		
	Wo2							
	1	3.05	3.05	0.25	0.1	0.076		



					(-)	2.134			
	Net brick work						15.242	m <sup>3</sup>	
9	125 th. Brick work (6:1)								
	room		3.125	2.6	8.125				
	kit		2.125	2.75	5.844				
			1.65	2.75	4.5375				
			1.45	2.65	3.8425				
	2		0.9	2.1	3.78				
						26.12875			
	Less opening								
	1 0.9		0.9						
	3 0.75		2.25						
			3.15	2.1	6.615				
	Lintel								
	1 1.3		1.3						
	1 1.025		1.025						
			2.325	0.1	0.2325				
					6.8475				
						19.28125			
	Parapet								
	23.5			0.15		3.525			
						22.806			
	passeege	0.75		0.55		0.4125			
						23.219	sqm		
10	Conc M-20								
	Roof slab								
	32.15	1.1475	31.003		0.1	3.1			
	Beam		3.625	0.25	0.15	0.136			
			2.575	0.25	0.1	0.064			
	Lintel						3.301		
	D1		1 1.525	1.525					
	W1		4 1.2	4.8					
	W2		1 1.05	1.05					
	WO2		1 3.05	3.05					
				10.425	0.25	0.1	0.261		
	D1		1 1.39	1.39					
	D2		1 1.025	1.025					
	D2	2	1.4 2.8						
	O2		1 0.875	0.875					
	D2	2		6.09	0.125	0.1	0.076		
	Chaja								
	W1		4 1.2	4.8					
	W2		1 1.03	1.03					
	D1		1 1.275	1.275					
	W02		1 3.05	3.05					
				10.155	0.3	0.075	0.228		
							3.866	m <sup>3</sup>	
11	Reinforcement								
		3.866	0.80%	1	7850	0.243	MT		



12	Shuttering								
	31	23.5	1.125						
			24.63	0.25					
	31			6.156	24.844				
	Side beam	2	3.125	0.15	0.9375				
		2	2.325	0.1	0.465				
	side slab	1	25.3	0.1	2.53				
	Lintel	1		0.9	0.225				
		1	1.525	0.1	0.153				
		1	1.275	0.35	0.446				
		1	0.3	0.05	0.015				
						29.615	sqm		
	4W1	4	0.9	0.25	0.9				
		4	1.2		0.1	0.48			
		4	1.2	0.35	1.68				
	2	4	0.3	0.05	0.12				
	1W2	1	0.75	0.25	0.188				
		1	1.05		0.1	0.105			
		1	1.05	0.35	0.368				
	2	1	0.3	0.05	0.03				
	WO2	3	0.75	0.25	0.563				
	1	1	3.05		0.1	0.305			
		1	3.05	0.35	1.068				
	2	1	0.3	0.05	0.03				
	Lintel 125 Wall								
	D1	1	0.9	0.125	0.113				
		2	1.3	0.1	0.26				
	D2	2	0.75	0.125	0.188				
	2	2	1.15	0.1	0.46				
	D2	2	0.75	0.125	0.188				
		2	1.9	0.1	0.38				
						7.423			
						37.038	sqm		
13	Plaster (6:1)								
	Out side 15 mmth.								
			2.85	1.125	0.45				
		25.3			4.425	111.953	sqm		
	Inside 20 mm th.								
	2	2.7	3.125	2.75	32.038				
	2	2.875	2.625	2.75	30.25				
	2	2	1.65	2.75	20.075				
	2	2.075		2.75	11.413				
	Above lintel								
	1	0.75		0.65	0.488				
	Bath								
	2	0.9		2.75	4.95				
	WC								
	1	2.95		2.75	8.113				
	1	2.25		2.75	6.188				
	4	2.2		0.9	7.92				
	T. 125 wall								



	2	0.9		0.125	0.225				
						121.658			
	Open out side less								
	3	0.75		2.1	4.725				
					(-)	4.725			
						116.933	sqm		
	Celling Plaster				24.47				
	Less				1.14				
						23.33	Sqm		
14	Neat cement punning								
	Out side	Plinth							
		25.3	0.45			11.385	Sqm	11.385	
	Inside		2.7	3.125					
			2	5.825	0.1	1.165	Sqm		
			2.875	2.625					
			2	5.5	0.1	1.1	Sqm		
	Kithen		2	1.65					
			2	3.65	0.45	3.285	Sqm		
			1	1.65	0.45	0.743	Sqm		
			2	2.075	0.1	0.415	Sqm		
	Varanda			1.775	0.1	0.178	Sqm		
	step WC	1		3	0.45	1.35	Sqm		
	Bath			3.5	2	7	Sqm		
				0.75	0.1	0.075	Sqm		
	In side punning						15.31	15.31	
	Total							26.695	Sqm
15	Art. Stone flooring								
	Floor area					25.37	sqm		
	Step	2	0.9	0.25		0.45			
	W1	4	0.9	0.1		0.36			
	W2	1	0.75	0.1		0.075			
	W3	3	0.75	0.1		0.225			
							26.48	Sqm	
16	Ms Clamp for door & window								
	D1+D2	4		6		24			
	W1+W2	5		2		10			
							34	nos.	
17	Wood work in Door & window frame								
	D1	2	5.1	10.2					
	D2	2	4.95	9.9					
	W1	4	3.6	14.4					
	W2	1	3.3	3.3					
				37.8	0.075	0.075	0.213	m3	
18	Z batten shutter								
	D1	2	0.775	2.025		3.139			
	D2	2	0.625	2.025		2.531			
	W1	4	0.775	0.775		2.403			
	W2	1	0.775	0.625		0.484			
							8.557	sqm	
19	Iron Butt Hinges								

	D1+D2					12			
	W1	4	4			16			
	W2	1	4			4			
							32	nos.	
20	Iron socket bolt								
	Door				6				
	Window				5				
							11	nos.	
21	White wash								
	Inside+Ceiling Plaster- inside punning								
			116.933	23.33	15.31		124.953	sqm	
22	Colour wash								
	Out side Plaster- out side punning								
			111.953	11.385			100.568	sqm	
23	Priming on timber surface								
	2	2	0.9	2.1		7.56			
	2	2	0.75	2.1		6.3			
	4	2	0.9	0.9		6.48			
	1	2	0.75	0.9		1.35			
							21.69	sqm	
24	Painting best quality on wooden surface								
	same sl.no. 23						21.69	sqm	
25	MS ornamental grill....10Kg-16 Kg								
	W1	4	0.75	0.75	2.25				
	W2	1	0.75		0.6 0.45				
					2.7				
					@12Kg/sqm		32.4	Kg	
26	Priming on Steel surface						2.7	sqm	
27	Painting best quality on steel surface						2.7	sqm	
	same sl.no. 24								
28	R.C.C. Shelf								
		1.75	0.5				0.875	sqm	
29	Roof treatment with cow 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 exavation not existing 1500mm <b>P.No-1, I-2(a)</b>	2.500	%Cu.M	12047.00	301.18
2	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. In ground floor and foundation (a) 6:3:1 proportion.	0.050	Cu.M	5803.06	290.15
3	Brick work with 1st class bricks in cement mortar (6 :1). a) In foundation & Plinth <b>P.no-29, I-21(a)</b>	0.010	Cu.M	5719.00	57.19
4	125 mm. thick brick work with 1st class bricks in cement mortar (4 : 1) G.Floor <b>P.no-31, I-29</b>	3.000	SqM	714.00	2,142.00
5	Controlled Cement concrete with well graded stone chips (20 - mm nominal size) excluding shuttering and reinforcement with complete design of concrete as per I : 456 and relevant special publications submission of job mix formula after preliminary 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 <b>P.no-12, I-6(a)</b>	0.145	Cu.M	6871.54	996.37
6	Reinforcemnet for reinforced concrete work in all sorts of structures incl. Distribution bars, stirrups, binder etc. incl. supply of rods, initial straightening & removal of loose rust (if necessary), cutting to requisite length, hooking etc <b>P.no-27, I-15(a)(i)</b>	0.010	M.T	68508.00	685.08
7	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials ( Spun yarn, valamoid / bitumen / M. seal etc.) complete.				
	i) UPVC Pipe 110 mm dia <b>P.no-173, I-</b>	4.000	Mtr	291.00	1,164.00
	ii) UPVC Bend 87.5 degree 110 mm dia <b>P.no-174, I-21(B)C(ii)</b>	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



**Annexure - II**

**Format - A**

(Format for Rate Analysis of Cement Concrete Item)

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

20 mm = 0.573 Cum

10 mm = 0.287 Cum

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	<b>5389.00</b>
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 : Beigharia				
20mm Nominal Size:	0.573	CUM	1463.00	838.30
10mm Nominal Size:	0.287	CUM	1296.00	371.95
Total B =				<b>1210.25</b>
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 =				<b>153.51</b>
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 =				<b>49.88</b>
Final Rate of Item = [Rs. A - Rs.B + Rs.C + Rs.D] = Rs.				<b>6802.64</b>

# 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 bottom boiling out water as required complete. Depth of excavation not existing 1500mm <b>P.No-1, I-2(a)</b>	1.00	2.5	0.400	1.000	%Cu.M	12047.00	120.47
2	Filling foundation or plinth by silver sand in layer not exceeding 150 mm. as directed and consolidating same by through saturation with water ramming complete. Including the cost of supply of sand. (a) by fine sand <b>P.No-2, I-4(B)</b>	1.00	2.5	0.200	0.500	%Cu.M	110422.00	552.11
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand <b>P.no-11, I-1</b>	1.00	2.5		2.500	Sq.M	377.00	942.50
4	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes <b>P.no-24, I-10(a)</b>	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 metalled surface, laying the bricks and repacking the trench (on both sides of the edging) with spoils and ramming the same thoroughly, complete as per direction. (b) Brick-on-end edging (250 mm ) depth. <b>P.No-189, I-3(b)</b>	2.00			2.000	%Mtr	9392.00	187.84
6	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipal /Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in -Charge <b>P.no-9, I-13</b>	1.00	2.500	0.400	1.000	Cu.M	168.00	168.00
							Toatl=	4,096.78
							Total=	4,097.00



## Supplying 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 <sup>3</sup>	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 <sup>2</sup> )*1000=31.40, 500.00-31.40=468.60 cum a) with earth obtain from excavation of foundation.	468.60	7,831.00	% M <sup>3</sup>	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



Sl. No.	Description of Item	Quantity	Rate	Unit	Amount (in Rs.)
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
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/1 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 confirming 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 150x150x100, 6 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 100x100, 18 Nos @ 9.70 Kg/Each =174.60 Kg	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, confirming to I.S. 5382-1985 b) 100 mm Dia	312.00	31.00	Each	9,672.00



Sl. No.	Description of Item	Quantity	Rate	Unit	Amount (in Rs.)
14. Page No-108. It- No-9.8 (ii)	Cast iron double flanged valves generally confirming 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: 1993 b) 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
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 then 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	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipapal /Corporation Rules forsuch disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in - Charge. 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 Hundread Fourty Nine only)



# 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 as required complete. Depth of excavation not existing 1500mm <b>P.No-1, I-2(a)</b>	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 <b>P.no-11, I-1</b>	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. In ground floor and foundation (a) 6:3:1 proportion.	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 <b>P.no-29, I-21(a)</b>	1.00	0.25	0.800	0.200	Cu.M	6068.00	1,213.60
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. <b>P.no-151, I-2(a)</b>	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. <b>P.no-152, I-8</b>	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 proportion (2:1) including smooth finishing and round <b>P.no-40, I-3(ii)</b>	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 Municipal Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in -Charge <b>P.no-9, I-13</b>	1.00	0.900	0.575	0.5175	Cu.M	168.00	86.94
							<b>Total=</b>	<b>2,816.85</b>
							<b>Total=</b>	<b>2,817.00</b>



# FUND FLOW PATTERN

Rupees in lakhs

SL. NO	NAME OF THE SCHEME	ESTIMATE D COST	YEAR- 2015-16										TOTAL	
			Phase I					Phase II						
			GOI	GOWB	ULB	Benifici aries	Total	GOI	GOWB	ULB	Benifici aries	Total		
1	Housing for All (PMAY) North Dum 2015-16(phase-I)	261.24	132.78	115.83	1.59	11.04	261.24							261.24
	<b>Total</b>	<b>261.24</b>	<b>132.78</b>	<b>115.83</b>	<b>1.59</b>	<b>11.04</b>	<b>261.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>261.24</b>

## YEARWISE PHASING OF FUND

Rupees in lakhs

YEAR	RELEASE OF FUND					TOTAL
	GOI	GOWB	ULB	Beneficiaries		
Phase I	132.78	115.83	1.59	11.04		261.24
Phase II	0.00	0.00	0.00	0.00		0.00
<b>TOTAL</b>	<b>132.78</b>	<b>115.83</b>	<b>1.59</b>	<b>11.04</b>		<b>261.24</b>

## REQUIREMENT OF FUND

Rupees in lakhs

SL. NO	NAME OF THE SCHEME	Phase I	Phase II	TOTAL
1	Housing for All (PMAY) North Dum 2015-16(phase-I)	261.24	0.00	261.24
<b>Total</b>		<b>261.24</b>	<b>0.00</b>	<b>261.24</b>

**OFFICE OF THE BOARD OF COUNCILLORS**  
**NORTH DUM DUM MUNICIPALITY,**

**COST ESTIMATE OF THE INTERIOR PIPE LINE FOR SINGLE**  
**DWELLING UNIT**

**P.W.D S.O.R Sanitary and Plumbing Work from 1<sup>st</sup> July-2014**

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

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



# NORTH DUM DUM MUNICIPALITY

## PMAY (HFA-2015-2016) PHASE - I

SL. NO	SLUM/ NON- SLUM NAME	SLUM CODE	DWEL LING UNIT	INFASTRUCTURES				
				WATER CONNECTI ON (Nos)	TOILET FACILITIES (In number)	ELCTRIC POLES WITH CONNECTI ON OF ELECTRICI TY (In Number)	DRAINS (In Meter)	ROADS (In Meter)
1	Alipur Battala Area	001	3	3	No	No	15.7	15
2	Uttar Pratapgar Area(1)	018	2	2	No	No	10.5	10
3	Netaji Subhas Sarani	019	2	2	No	No	10.5	10
4	Uttar Pratapgar Area(2)	023	1	1	No	No	5.2	5
5	Nabajiban Low Ground Area	028	3	3	No	No	15.7	15
6	Kalyannagar(Chak Para)	031	2	2	No	No	10.5	10
7	Akash Deep Area (Nutun pally)	039	1	1	No	No	5.2	5
8	Rishi Arabinda Sarani	040	3	3	No	No	15.7	15
9	Monoranjan Roy Pally Area	041	2	2	No	No	10.5	10
10	Nabanagar Hospital Road	045	1	1	No	No	5.2	5
11	Vivekananda Pally (Western Side of railway line)	048	2	2	No	No	10.5	10
12	3 A No K. K. Pally Area	049	4	4	No	No	20.9	20
13	Surya Sen Pally	055	2	2	No	No	10.5	10
14	Khudiram Pally Area	057	1	1	No	No	5.2	5
15	Mahanagar Math Anchal Area	081	3	3	No	No	15.7	15
16	Math Para Area	091	1	1	No	No	5.2	5
17	Rabindra Pally Area	095	1	1	No	No	5.2	5
18	Fakir Para Area	097	2	2	No	No	10.5	10
19	Uttar Patna Area	100	3	3	No	No	15.7	15
20	Nilachal Area	102	1	1	No	No	5.2	5
21	Debinagar Area	103	3	3	No	No	15.7	15
22	Ramkrishna Pally Area	112	3	3	No	No	15.7	15
23	Narayan Pally Area	121	1	1	No	No	5.2	5
24	Naikuri Anchal Area	122	1	1	No	No	5.2	5
25	Slum At 6 No Rail Gate By The Side Of Railway Track - Ward (3)	134	2	2	No	No	10.5	10
26	Slum At Olaichandi 1st Lane	135	2	2	No	No	10.5	10
27	Anjanganrh	137	1	1	No	No	5.2	5
28	Nabanagar North	139	3	3	No	No	15.7	15
29	Sapta Gram South	143	1	1	No	No	5.2	5
30	Sarat Colony	144	1	1	No	No	5.2	5
31	Indira Nagar	145	2	2	No	No	10.5	10
			60	60			314.0	300

# NORTH DUM DUM MUNICIPALITY




PMAY (HFA- 2022)


BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-01

NABAJIBAN COLONY (SLUM CODE- 28)



Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category					Gender	UID NO.	Photo
				SC	ST	OBC	Minority	PH	EWS	General	
1	SUNIL CHANDRA DUTTA	LT YOGENDRA NATH DUTTA	338/126						EWS	General	Male 19110007 07800010 08000008
2	MRINAL KANTI DAS	KALIPADA DAS	292/668						EWS	General	Male 19110007 07800010 08000055
3	DIPAK SAJJAR	LATE BIHARI LAL SAJJAN	121(607)						EWS	General	Male 19110007 07800010 07800003




NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-02														
NABANAGAR NORTH (SLUM CODE-139) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	JAYDEEP BISWAS	KANAI BISWAS	456							EWS	General	MALE	19110007 07800020 1150	
2	NIMAI PAUL	KRISHNA GOPAL PAUL	208/15							EWS	General	MALE	19110007 07800020 11320234	
3	MANINDR A BARUI	JATINDRA NATH BARUI	51/1							EWS	General	MALE	19110007 07800020 11400001	



NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-02														
NABANAGAR BIRATI (SLUM CODE-45) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	ARATI DAS	KALIPADA DAS	54/2							EWS	General	FEMALE	19110007 07800020 1190	






NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-02														
NETAJI SUBHAS SARANI (SLUM CODE-19) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	GITA SAHA	LOKNATH SAHA	128/7							EWS	General	FEMALE	19110007 07800020 1180	
2	MITA SAHA BASU	RABINDRA NATH BASU	72 (74)							EWS	General	FEMALE	19110007 07800020 1180	


NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-03														
SAPTAGRAM SOUTH (SLUM CODE-143) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	PRAFULLA KUMAR BOSE	LATE ATUL BOSE	49 (34)							EWS	General	MALE	19110007 07803007 00003	






NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-03														
6 NO RAIL GATE (SLUM CODE-134) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)														
Sl. No.	Name of Beneficiary	Partner's Name / Husband's Name	Holding No.	Category					Gender	UID NO.	Photo			
				SC	ST	OBC	Minority	PH				EWS	General	
1	TARAK BISWAS	LATE MOTILAL BISWAS	18/3							EWS	General	MALE	19110007 07800030 73000004	
2	BIDHAN PAIKAR	LT SATISH PAIKAR	47/159/1							EWS	General	MALE	19110007 07800030 07400054	


NORTH DUM DUM MUNICIPALITY												
PMAY (HFA- 2022)												
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-07												
UTTAR PATNA (SLUM CODE-100) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)												
Sl. No.	Name of Beneficiary	Father's Name / Husband's	Holding No.	Category					Gender	UID NO.	Photo	
				SC	ST	OBC	Minority	PH				EWS
1	SUNIRMAL GHOSH	SWARNA KAMAL GHOSH	132(16)						EWS	General	MALE	
2	SHIBNATH GHOSH	MATHAM LAL GHOSH	5/2						EWS	General	MALE	
3	USHARANI DAS	BUDDHI MONDAL	87(85)						EWS	General	FEMALE	





NORTH DUM DUM MUNICIPALITY												
PMAY (HFA- 2022)												
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-17												
SARAT COLONY (SLUM CODE-144) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)												
Sl. No.	Name of Beneficiary	Father's Name / Husband's	Holding No.	Category					Gender	UID NO.	Photo	
				SC	ST	OBC	Minority	PH				EWS
1	NIRMAL PAUL	RABIN PAUL	209 (179)							MALE	1911000707 8001702840 0101	



NORTH DUM DUM MUNICIPALITY													
PMAY (HFA- 2022)													
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-08													
RAMKRISHNA NAGAR AREA(SLUM CODE-112) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)													
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category					Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH				EWS	General
1	KOUSHALY A SHAW	LATE RAJA RAM SHAW	129(170)						EWS	General	FEMALE	191100070 780008020 40	
2	BARUN SARKAR	SWADESH RANJAN SARKAR	126(249)						EWS	General	FEMALE	191100070 780008020 100074	
3	NIRMAL DUTTA	LATE JITENDRA DUTTA	78/58						EWS	General	MALE	191100070 780008019 80	




NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-09														
KHUDIRAM PALLY (SLUM CODE 57)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	TARUN GANGULY	KRISHNAB AR GANGULY	411(43/391)							EWS	General	MALE	19110007 07800090 18200117	




NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-09														
Surya Sen Pally (SLUM CODE 55)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	ANIL DAS	MANINDR A DAS	203/48/5							EWS	General	MALE	19110007 07800090 18200129	
2	MAHADEB MONDAL	BIJOY MONDAL	341/1									MALE	19110007 07800090 18000011	





NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-11														
UTTAR PRATAPGAR AREA -1 (SLUM CODE 18)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	KRISHNA KANTA HALDER	LAKSHMI KANTA HALDER	87							EWS	General	MALE	191100070 780011014 00	
2	MANABI SAHA	BABLU SAHA	118							EWS	General	FEMALE	191100070 780011013 4	


NORTH DUM DUM MUNICIPALITY														
PMAY (HFA - 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-11														
UTTAR PRATAPGAR AREA -2 (SLUM CODE 23)														
Sl. No.	Name of Beneficiar	Father's Name /	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	ALOK SAHA	BINAY SAHA	32/1							EWS	General	MALE	191100070 780011013 20	





NORTH DUM DUM MUNICIPALITY											
PMAY (HFA- 2022)											
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-13											
DEBINAGAR AREA (SLUM CODE 103)											
Sl. No.	Name of Beneficiary	Father's Name /	Holding No.	Category					Gender	UID NO.	Photo
				SC	ST	OBC	Minority	PH	EWS	General	
1	DILIP DEY SUTRADHAR	HALURAM DEY SUTRADHAR	23/1						EWS	General	
2	NAREN SARKAR	LATE GOPAL SARKAR	69						EWS	General	
3	GOUR NITAI PAUL	SUNIL PAUL	21/2						EWS	General	


NORTH DUM DUM MUNICIPALITY													
PMAY (HFA- 2022)													
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-16													
MONORANJAN ROY PALLY AREA (SLUM CODE 4I)													
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID NO.	Photo	
				SC	ST	OBC	Minority	PH	EWS				General
1	PURNIMA DAS	BASUDEB DAS	469							EWS	General	191100070 780016042 510068	
2	BIJAN ACHARYA	LATE BANKIM CH ACHARYA	3							EWS	General	191100070 780016042 700038	






NORTH DUM DUM MUNICIPALITY									
PMAY (HFA - 2022)									
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-16									
ASHOK DEEP AREA(NATUN PALLY) (SLUM CODE 39)									
Sl. No.	Name of Beneficiary	Father's Name / Husband's	Holding No.	Category					Photo
				SC	ST	OBC	Minority	PH	
1	BISWAJIT PRAMANICK	LT SUKDEB PRAMANICK	110/1						<div>191100070</div> <div>780016</div> 

NORTH DUM DUM MUNICIPALITY														
PMAY (HFA - 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-17														
INDIRA NAGAR (SLUM CODE-145) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	DHIRENDRA CH ROY	MOTILAL ROY	177(212/3)							EWS	General	MALE	1911000707 8001702900 150	
2	SEKHAR ROY	PRAMATHA NATH ROY	177(N)										1911000707 8001702830 134	 MALE



NORTH DUM DUM MUNICIPALITY													
PMAY (HFA- 2022)													
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-17													
MATH PARA (SLUM CODE-91) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)													
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID NO.	Photo	
				SC	ST	OBC	Minority	PH	EWS				General
1	JHARNA SIKDAR	MADHUSUDAN MODAK	21/2							EWS	General	FEMALE 1911000707 8001702870 0146	

NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-18														
RISHI ARABINDA SARANI(SLUM CODE 40)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	FAJER ALI MONDAL	LATE FAKAR ALI	300(165/2)							EWS	General	MALE	1911000707 8001802920	
2	SABANA BIBI	MAHABUB ALI	193/3							EWS	General	FEMALE	1911000707 8001802920	
3	LUTFAR ALI	LT. AFSAR ALI	198/5/1							EWS	General	MALE	1911000707 8001802920	







**NORTH DUM DUM MUNICIPALITY**

**PMAY (HFA- 2022)**

**BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-19**

**3A NO K.K. PALLY AREA (SLUM CODE 49)**



Sl. No.	Name of Beneficiary	Father's Name /	Holding No.	Category					Gender	UID NO.	Photo
				SC	ST	OBC	Minority	PH			
1	HARIPADA BISWAS	JATINDRA NATH BISWAS	140						MALE	19110007 07800190 3170	
2	UJJAL DEY	NIKHIL CHANDRA DEY	60 (599)						MALE	19110007 07800190 3170	
3	TARAKNATH DEY	NIKHIL CHANDRA DEY	60/2						MALE	19110007 07800190 31700156	
4	LITU BISWAS	SAHITYA BISWAS	39 (85)						MALE	19110007 07800190 3170	

**NORTH DUM DUM MUNICIPALITY**


**PMAY (HFA- 2022)**


**BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-20**

**VIVEKANANDA PALLY(WEST) (SLUM CODE 48)**

Sl. No.	Name of Beneficiary	Father's Name / Husband's	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	BASUDEB MAITY	PORITOSH MAITY	21 (220)							EWS	General	MALE	1911000707 8002002450 0027	
2	PRAKASH CHANDRA PAL	HAREKRISHN A PAL	9/198							EWS	General	MALE	1911000707 8002002450 0012	





NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-24														
NARAYAN PALLY (SLUM CODE-121) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	LATIF UDDIN MONDAL	ANSAR ALI MONDAL	201 (176)							EWS	General	MALE	1911000707 8002402310 0041	




NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-24														
NAIKURI ANCHAL AREA (SLUM CODE-122) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	SAFIUDDIN MONDAL	MOTHER BOX MONDAL	201 (176)							EWS	General	MALE	1911000707 8002402340 0122	









NORTH DUM DUM MUNICIPALITY															
PMAY (HFA- 2022)															
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-25															
FAKIR PARA AREA (SLUM CODE 97)															
Sl. No.	Name of Beneficiar	Father's Name /	Holding No.	Category						Gender	UID NO.	Photo			
				SC	ST	OBC	Minority	PH	EWS				General		
1	BANI DUTTA	PRABHAT DUTTA	9/18							EWS	General	FEMALE	1911000707 8002503530		
2	SUBHASH ROY	LATE AKHIL ROY	42/3								EWS	General	MALE	1911000707 802503530	






NORTH DUM DUM MUNICIPALITY														
PMAY (HFA- 2022)														
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-26														
MAHANAGAR MATH ANCHAL AREA (SLUM CODE-81) NABANAGAR NORTH NABANAGAR NORTH NABANAGAR NORTH (SLUM CODE- 139)														
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID NO.	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	KANAI MALIK	PANCHU MALIK	109 (117/1)							EWS	General	MALE	1911000707 8002602210 0088	
2	BALAI MALIK	PANCHU MALIK	110(N)							EWS	General	MALE	1911000707 8002602210 0089	
3	DILIP ROY	AMULYA ROY	29(24)							EWS	General	MALE	1911000707 8002602230 0044	


NORTH DUM DUM MUNICIPALITY											
PMAY (HFA - 2022)											
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-29											
SLUM AT OLAICHANDI 1ST LANE (SLUM CODE 135)											
Sl. No.	Name of Beneficiary	Father's Name /	Holding No.	Category					Gender	UID NO.	Photo
				SC	ST	OBC	Minority	PH	EWS	General	
1	SHABARI SARKAR	SWAPAN SARKAR	12/1						EWS	General	
2	DIPAK NATH KAR	KHAGENDRA NETH KAR	38/1						EWS	General	



NORTH DUM DUM MUNICIPALITY																
PMAY (HFA- 2022)																
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-30																
KALYAN NAGAR (SLUM CODE 31)																
Sl. No.	Name of Beneficiar	Father's Name /	Holding No.	Category						Gender	UID NO.	Photo				
				SC	ST	OBC	Minority	PH	EWS				General			
1	PRALAY CHAKRABORTY	SUKHENDRA CHAKRABORTY	127/106							EWS	General	MALE	1911000707 8030039200 001			
2	RANJAN BHATTACHARYA	SUKHENDRA BHATTACHARYA	41(60)									EWS	General	MALE	1911000707 8003003880 0115	

NORTH DUM DUM MUNICIPALITY											
PMAY (HFA- 2022)											
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-31											
ALIPUR BATTALA (SLUM CODE 1)											
Sl. No.	Name of Beneficiary	Father's Name /	Holding No.	Category					Gender	UID NO.	Photo
				SC	ST	OBC	Minority	PH	EWS	General	
1	SHYAMAL SARKAR	LATE PRALLAHD SARKAR	1(421)						EWS	General	
2	HARADHAN DAS	LATE RAMLAL DAS	34 (31)						EWS	General	
3	GITA ROY	LATE RAMESH ROY	32 (418)						EWS	General	



NORTH DUM DUM MUNICIPALITY													
PMAY (HFA- 2022)													
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-32													
Anjangarh (SLUM CODE 137)													
Sl. No.	Name of Beneficiary	Father's Name /	Holding No.	SC	ST	OBC	Minority	PH	EWS	General	Gender	UID NO.	Photo
1	MD MAJET ALI	LT HAJI GOLAM SANED	94(319)						EWS	General	MALE	1911000707 8003200830	

NORTH DUM DUM MUNICIPALITY									
PMAY (HFA - 2022)									
BENEFICIARY LIST OF NORTH DUM DUM MUNICIPALITY OF WARD NO:-32									
NILACHAL AREA (SLUM CODE 102)									
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category					Photo
				SC	ST	OBC	Minority	PH	
1	MAJADUR RAHAMAN	LT HABIBAR RAHAMAN	12(232)						
							EWS	General	MALE
									1911000707 8003200990
									