

DANKUNI MUNICIPALITY

Detailed Project Report for Construction of 1562 EWS Houses under BLC mode and CLS mode of Pradhan Mantri Awas Yojana (PMAY)-HFA(U) for Dankuni Municipality

2016-17



SUBMITTED BY

Dankuni Municipality
Dist: Hooghly, West Bengal
September, 2016

PREFACE

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

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

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

Total beneficiaries of the scheme are 1562 no sprojected for the year 2016-17.

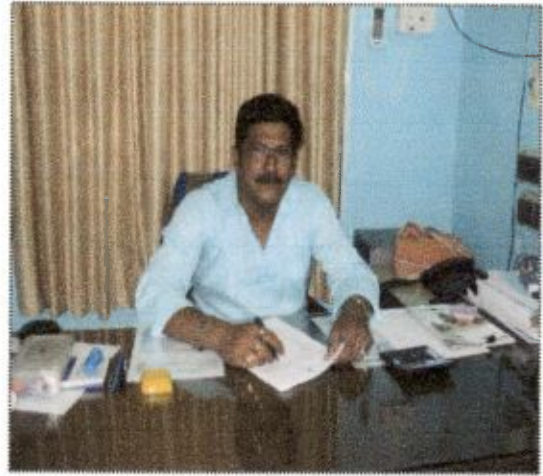
Total cost of the project is **Rs. 6342.50 Lakhs**as per relevant department &P.W.D. schedule of rates.

sa.
Chairperson
Dankuni Municipality
Manoharpur, Dankuni, Hooghly

Introductory Note by Chairman



Smt. Hasina Shabnam,
Chairperson, Dankuni Municipality



Mr. Debashis Mukherjee,
Vice- Chairman, Dankuni Municipality

Dankuni Municipality was declared a Notified Area in the year 01.11.2008 and subsequently on June, 2009 the said notified area was declared to be a Municipality. The first election in this municipality was held in 28th June, 2009.

It's an honour and privilege to present before the citizen of Dankuni, the **Housing for all Plan of Action (HFAPoA) (2015-16 to 20218-22)**, which aims to provide housing to all urban poor and underprivileged section of the Municipality and to reach all essential services to its people and develop the small town into a vibrant economy. Learning from the past we look forward towards achieving long term benefits, perspectives and convergences rather than short term goals.

We look forward for a vibrant municipality with all the citizens' having their own shelter.

Chairperson *sh.*
Chairman
Dankuni Municipality
Dankuni Municipality
Manoharpur, Dankuni, Hooghly


Vice Chairman
(DEBASISH MUKHERJEE)
Dankuni Municipality
Vice Chairman
Dankuni Municipality

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d. Abbreviation

A&OE	Administrative and Other Expenses	LIG	Low Income Group
AHP	Affordable Housing in Partnership	MD	Mission Directorate
AIP	Annual Implementation Plan	MoA	Memorandum of Agreement
BMTPC	Building Materials & Technology Promotion Council	MoHUPA	Ministry of Housing and Urban Poverty Alleviation
CDP	City Development Plan	MoU	Memorandum of Understanding
CLS	Credit linked subsidy	NA	Non Agricultural
CNA	Central Nodal Agencies	NBC	National Building Code
CPHEEO	Central Public Health and Environmental Engineering Organisation	NHB	National Housing Bank
CSMC	Central Sanctioning and Monitoring Committee	NOC	No Objection Certificate
DIPP	Department of Industrial Policy and Promotion	NPV	Net Present Value
DPR	Detailed Project Report	PLI	Primary Lending Institution

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EMI	Equated Monthly Installment	RWA	Residents' Welfare Association
EWS	Economically Weaker Section	SECC	Socio Economic and Caste Census
FAR	Floor Area Ratio	SFCPoA	Slum Free City Plan of Action
FSI	Floor Space Index	SLAC	State Level Appraisal Committee
HFA	Housing for All	SLNA	State Level Nodal Agency
HFAPoA	Housing for All Plan of Action	SLSMC	State Level Sanction and Monitoring Committee
IEC	Information Education & Communication	TDR	Transfer of Development Rights
IFD	Integrated Finance Division	TPQMA	Third Party Quality Monitoring Agency
IIT	Indian Institute of Technology	ULB	Urban Local Body
IS	Indian Standard	UT	Union Territory

e. Working Definitions

Affordable Housing Project:	Housing Projects where 35 % of the houses are constructed for EWS category
Beneficiary	A beneficiary family will comprise husband, wife and unmarried children. The beneficiary family should not own a pucca house (an all-weather dwelling unit) either in his/her name or in the name of any member of his/her family in any part of India
Carpet Area	Area enclosed within the walls, actual area to lay carpet. This area does not include the thickness of the inner walls.
Central Nodal Agencies	Nodal Agencies identified by Ministry for the purposes of implementation of Credit Linked subsidy component of the mission
Economically Weaker Section(EWS)	EWS households are defined as households having an annual income up to Rs 3, 00,000(Rupees Three Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre
EWS House	An all-weather single unit or a unit in a multi storeyed super structure having carpet area of upto 30 sq.m. with adequate basic civic services and infrastructure services like toilet , water, electricity etc. States can determine the area of EWS as per their local needs with information to Ministry
"Floor Area Ratio" (FAR)/FSI	The quotient obtained by dividing the total covered area (plinth area) on all the floors by the area of the plot:

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	<p style="text-align: center;">Total covered area on all the floors x 100 FAR = ----- Plot area</p> <p>If States/Cities have some variations in this definition, State/City definitions will be accepted under the mission</p>
Implementing Agencies	Implementing agencies are the agencies such as Urban Local Bodies, Development Authorities, and Housing Boards etc. which are selected by State Government / SLSMC for implementing Housing for All Mission.
Low Income Group (LIG)	LIG households are defined as households having an annual income between Rs.3, 00,000 (Rupees Three Lakhs One) up to Rs.6, 00,000 (Rupees Six Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.
Primary Lending Institutions (PLI)	Scheduled Commercial Banks, Housing Finance Companies, Regional Rural Banks (RRBs), State Cooperative Banks, Urban Cooperative Banks or any other institutions as may be identified by the Ministry
Slum	A compact area of at least 300 population or about 60-70 households of poorly built congested tenements, in unhygienic environment usually with inadequate infrastructure and lacking in proper sanitary and drinking water facilities.
State Land Nodal Agencies (SLNAs)	Nodal Agency designated by the State Governments for implementing the Mission
Transfer of Development Rights (TDR)	TDR means making available certain amount of additional built up area in lieu of the area relinquished or surrendered by the owner of the land, so that he can use extra built up area himself in some other land.

Town features

HISTORY

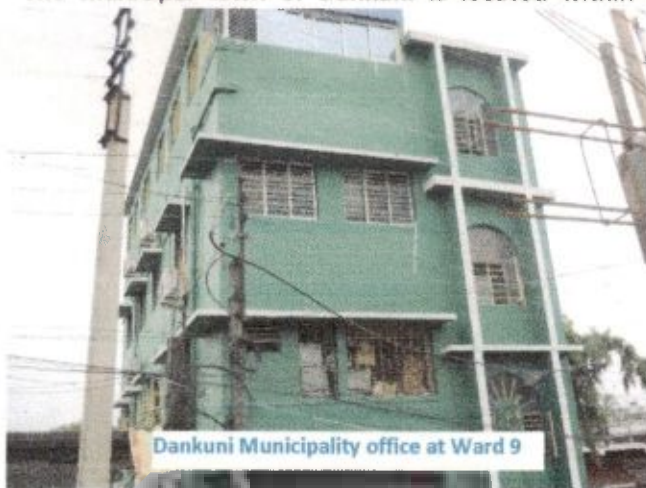
Dankuni Municipality is established in 1st November, 2008 after converted by three gram panchayat Dankuni, Mrigala, Monoharpur, and part of Garalgaccha gram panchayet. Dankuni Municipality is situated within Dankuni police station under Sreerampur subdivision in the district of Hooghly. It was established in 2008 with a Government nominated Board. Initially Nineteen wards were carved out of Panchayet areas to make way for the Municipality. The 11 mauzas are included with it. At that time population of Dankuni Municipality stood at 2010 is **1,04,326**. Currently this Municipality has an area of 19.5 sq. km. At the outset the Municipality ran its office from erstwhile Monaharpur Gram Panchayet at Monaharpur, Dankuni, Hooghly.

YEAR OF ESTABLISHMENT

Dankuni Municipality is established in 1st November, 2008.

ADMINISTRATIVE BOUNDARIES

The municipal town of Dankuni is located within the Sreerampur subdivision in the district of Hooghly, West Bengal. It is situated at a distance of approx. 14 km from Kolkata. The Municipality is surrounded by the Rishra and Naity Gram Panchayet in the North and Chakpara Anandanagar and Raghunathpur Gram Panchayet in the south, Barijhati, Garalgacha Gram Panchayet and Saraswati River in the West and Kanaipur Gram Panchayet in East. (Geographical coordinates: 22° 81' North, 88° 23' East).



LINKAGES OF RAIL, ROAD, PORT AND AIR

It is well-reachable by trains from both **Howrah Station and Sealdah Station**. Dankuni Junction rail station is 15 km from Howrah Station. The "Heart of Dankuni" is Dankuni Railway Station and Dankuni Housing. Dankuni is located on the **Howrah-Bardhaman Chord** line, which was constructed in 1917. The Calcutta Chord to Dankuni over the Willington Bridge (renamed Vivekananda Bridge) was opened in 1932. It is part of the Kolkata Suburban Railway system. Already, there is a growing presence of freight and wagon movements around Dankuni Railway Station, which is important as it connects

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Water supply:

In the identified slums, almost only 35% population of the total population covered by piped water supply through stand posts and also uses water from public tube wells to meet their daily need of drinking water. Currently the slum pockets do not have the quantum of water essentially required for daily use. Moreover not all areas in the slum are covered by pipe lines and this being so, the extension of pipeline is required to cover the entire stand posts are required to set up in areas where the pipe line already exists.

Road:

In respect of road coverage in slums it is found that existing network of roads is inadequate for easy connectivity. The slums have 9.4 km of black top road having 3.0 metre wide crust. Brick paved road 7.2 km 2.4 meter wide and 12.1 km kuccha road in total, which constitute about 33%, 25% and 42% respectively.

Street Light & Electricity:



Transformer at ward 20

Major parts of slum areas lack electricity connection. In some ways the gap has been filled by illegal tapping of electricity. Regarding street illumination the street posts numbering only about 426 lamp posts erected which is inadequate to meet the needs of the slum dwellers.

Drains:

Mostly open surface type drainage that flows undergravity covering 9.6 km is in existence and the water flows off to Dankuni Khal. Such meagre coverage has led to water logging in different areas of slums and consequently areas required more drainage constructivity.

Solid Waste Management: The practice of primary collection system has not been introduced and the problem is being tackled by providing vats. This Municipality has decided to initiate house to house collection for the town under SWM programme. It is here that community participation is required. Logistics like bins, hand carts, tricycle vans to collect and cart out accumulated garbage are being procured.



Sanitation:

Modern sanitation facilities are singularly absent in the slums where maximum kaccha latrines are in use for defecation and other purposes. To make the matter worse, open defecation is also practised generating unhygienic conditions throughout the slums. Hence two pronged attack is to be made on this-while kaccha latrines are to be converted into **Low Cost Sanitary Latrine**, **Community Latrines** are to be constructed on basis of community participation along with bathroom facilities.

Community hall:

By nature, slums are noted for lack of social and cultural activities. Hence establishment of community hall may help fill this gap. There is no going slum development project at the municipality.

Urban houseless population:

A total of 16 houseless populations were identified during a survey conducted on June 2014. 1 person is neither interested to avail government run facility nor is living in any static location

Assessment of Present Status of Slums

It has been reported that out of total 129 slums, 87 are notified, 42 are not notified.

In terms of available socio economic and demographic profile and infrastructure facilities i.e. road, drain, drinking water supply, sanitation, solid waste management, drinking water facilities etc. the status is not good.

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Eastern Railway with South Eastern Railway with a link line. Dankuni has a fast growing freight yard, where goods traffic is moved, sorted, and packed to deliver at other destinations. In the future, Dankuni will play a significant role because it will be the endpoint of the Ludhiana-Dankuni leg of the Dedicated **Freight Corridor** that is being built by Indian Railways. Traffic, especially that of freight will continue to grow and will positively impact the railways.

Apart from this railway connection, this town also enjoys good linkage by road with other towns of the district. The hinterlands as well as other sub-division town are also well connected by the state highway and National Highway. Dankuni Municipality enjoys pretty good road network connectivity with the surrounding areas. **Both NH -2 and NH- 6** terminate at Dankuni. The Palsit–Dankuni section of NH 2 is also referred to as **Durgapur Expressway**. Other major arteries meeting at Dankuni are **Belghoria Expressway** connecting to **NH 34** and the **Dankuni–Memari Delhi Road**.

ECONOMIC ACTIVITY

Dankuni is an upcoming industry based town. It is a fast-growing industrial township near Kolkata, India. There are already numbers of big, medium and small industries functioning in the area. More are in the pipe line. Because of this employment potential, people from all over this state and other states of India have migrated for jobs here. Hence quite a high percentage of population depends on these industries and the rest cater to the needs of this bulging work force. As a result consumer trading is also the main stay of business in this area. In service sectors like. Major Industries like "**Mother Diary**", "**Coca Cola**", "**Dankuni Coal Complex Ltd**", "**Food Corporation of India**" and many other have been established.

DEMOGRAPHIC GROWTH AND POPULATION PROJECTION

Dankuni municipality has come to in existence in the year 2008. Population projection for 25 years has been shown in the following section. The trend of population projection has been made using Natural growth trend.

Ward wise area, population & population density distribution

Details	No of households	Total population	Male	Female	SC population	ST population	Density per Sq. Km.
Dankuni (M)	22,544	94,936	49,105	45,831	8,760	209	4,869
WARD NO.-0001	1,077	5,108	2,646	2,462	223	-	3,173
WARD NO.-0002	1,143	4,864	2,586	2,278	1,194	2	3,685
WARD NO.-0003	1,254	5,257	2,867	2,390	1,728	4	4,075
WARD NO.-0004	1,223	5,880	3,059	2,821	24	-	1,750
WARD NO.-0005	1,242	5,371	2,820	2,551	1,186	64	4,100
WARD NO.-0006	1,269	5,916	3,075	2,841	35	1	16,433
WARD NO.-0007	929	4,035	2,077	1,958	549	-	8,070
WARD NO.-0008	1,301	5,357	2,788	2,569	257	7	8,503
WARD NO.-0009	1,277	4,803	2,384	2,419	53	7	17,789
WARD NO.-0010	987	3,896	1,982	1,914	603	26	16,233
WARD NO.-0011	1,187	4,906	2,528	2,378	409	1	7,666
WARD NO.-0012	933	3,798	1,959	1,839	526	16	18,086

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Details	No of households	Total population	Male	Female	SC population	ST population	Density per Sq. Km.
WARD NO.-0013	1,140	4,136	2,104	2,032	86	11	27,573
WARD NO.-0014	1,261	5,406	2,802	2,604	521	25	2,787
WARD NO.-0015	1,539	6,334	3,382	2,952	204	22	2,892
WARD NO.-0016	1,343	5,366	2,718	2,648	664	12	8,130
WARD NO.-0017	914	3,497	1,744	1,753	83	3	12,489
WARD NO.-0018	1,627	7,539	3,821	3,718	18	3	11,780
WARD NO.-0019	898	3,467	1,763	1,704	397	5	1,825

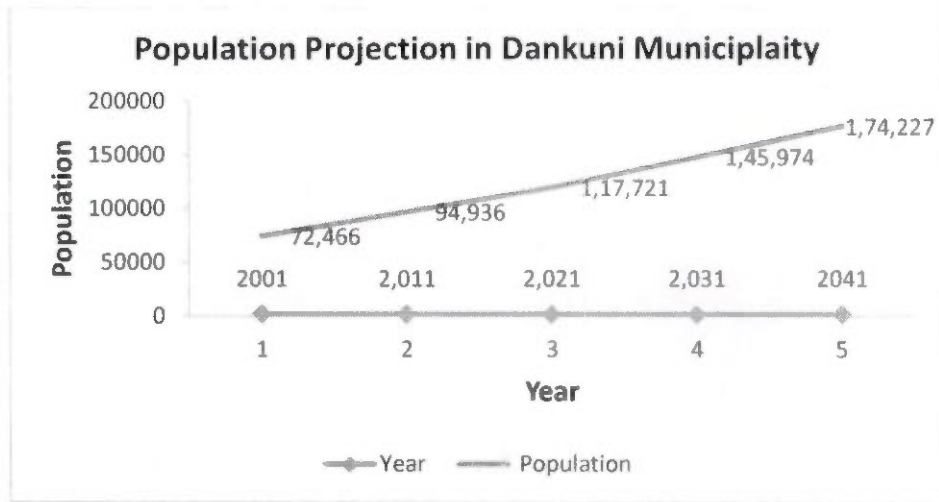
Source: Census 2011

Population Projection

	Year	Population	Trend in % Increase	Persons increased
Census	2001 (Census) considered during formation of Municipality on 2008	72466		
	2,011 (Census)	94,936	31.01	22,470
Projection based on Natural growth trend	2,021	1,17,721	24.00	22,785
	2,031	1,45,974	24.00	28,253
	2041	1,74,227	19.35	28,253

Source: Dankuni Municipality 2015.

Figure 1 Trend of population growth & Population Projection (based on Natural Growth Trend)



Source: Municipal records, 2015

PLACES OF INTEREST

Chamundatala Mandir situated at Ward 11 and Furfura Sarif closed to municipal area, are the two important place of interest.

FESTIVALS

Like all other parts of West Bengal, Dankuni celebrates most of the common Pujas like Durga Puja, Kali Puja, Laxmi Puja but Monber Kali puja, Pardankuni Rakkha Kali puja, Chamunda Mata Puja is a special occasion when fairs are held. Baishakhi mela, Anondo Mela, Boimela, Rash mela, Milon mela are some other fairs.

TRADITIONAL ARTS/CRAFTS

Zardousi work is practiced in various wards of the municipal town.

CLIMATE

Dankuni has a tropical savanna climate. The annual mean temperature is 26.8°C, although monthly mean temperatures range from 16°C to 33°C and maximum temperatures in Hooghly often exceed 38°C. The main seasonal influence upon the climate is the monsoon. Maximum rainfall occurs during the monsoon in August and the average annual total is above 1,500 mm. Moderate north-westerly to north-easterly winds prevail for most of the year with a high frequency of calms. Summer is dominated by strong south-westerly monsoon winds. Winters are comfortable with temperatures ranging between 11°C to 17°C.

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SOIL AND GROUND WATER SCENARIO

The ULB is a completely flat land with no of place having more than an elevation of 200 meters. The soil of Dankuni is alluvial and fertile. Availability of ground water is very easy, although in some areas it is contaminated with iron content which is rather high compared to other areas.

MUNICIPAL OFFICE

The Municipal office is situated at the erstwhile Monoharpur Gram Panchayat. The present municipality is governed by the Board of Councillors (BOC). The chairperson is administrative head of the municipality and is supported by Councillors, Standing Committees, Executive Officer and other employees to run the municipal functions smoothly.

City at a Glance

Sl.no	Indicator	2001	2011	2015
1	Area (inSq. Km.)		19.5	19.5
1.1	Planning Area (Sq. Km)		19.5	19.5
1.2	Municipal Area (Sq. Km)	ULB not formed	19.5	19.5
1.3	Area of Slums(Sq. Km)			
2	Number of Municipal Wards	ULB not formed	19	21
3	Population and Households			
3.1	Total Population (no's in millions)	ULB not formed	94,936	1,10,126
3.2	Number of Households	ULB not formed	22,544	27,021
3.3	Density of Population	ULB not formed	5350	
3.4	Slum households as percentage of total Households in city	ULB not formed	10642	10642
3.5	Current (2015) Population (Year of Survey) (no's in millions)			1,10,126
3.6	Current Number (2015) of Households(Year of survey)			27051
3.7	Slum population as percentage of total population in city			24.56

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Data source: KUSP survey, 2010.

Housing and Physical Infrastructure profile

Dankuni municipality is a newly formed municipality. The municipality has typical peri urban features with typical rural houses. Dankuni Municipality has 127 nos. slums with slum population of 44,696 nos. as identified in Socio-economic Survey (USHA) conducted by the Municipality. People living in these slums do not have access to basic amenities of life. It is because of non-development of basic infrastructure development has been the first priority in this Municipality.

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

Table 4 Slum details of Dankuni Municipality at a glance

Details	No	in % (out of total Municipality indicators)
Number of Slums	127	100
Total number of population of Slums	44,696	47.08
Total area of slums	4.68 sq km.	24.00
Total number of dwelling units of Slums	10,642	47.21
Total number of S.C. population of Slums	1,711	19.53
Total number of S.T. population of Slums	91	43.54
Total number of general population of Slums	7640	8.89

Source: USHA 2011-12

Housing - It appears from the household survey slum dwellers own shacks, Kuchha and temporary house which are mostly in wretched and dilapidated state. After identification of such house, new housing accommodation has been proposed under BSUP and existing other government supported programmes. Under centrally sponsored BSUP programme a total of 127 slums has been identifies for housing and infrastructure improvements. A total of 1499 houses were sanctioned while only 1299 houses constructed till June 2015.

Annexure-7C

(Para 14.5 of the Guidelines)

Format for Project under Beneficiary led Construction or Enhancement

1	Name of the State	:	WEST BENGAL						
2	Name of the City	:	DANKUNI						
3	Project Name	:	HOUSING FOR ALL						
4	Project Code	:							
5	State Level Nodal Agency	:	SUDA						
6	Implementing Agency / ULB'	:	DANKUNI MUNICIPALITY						
7	Date of approval by State Level sanctioning and Monitoring Committee (SLSMC)	:							
8	No. of locations covered in project	:	Name of Location	No. of beneficiary	Whether Slum (Y/n)	if yes, 1 if notified, 2 if recognised and 3 if identified	if slum, whether it gets completely rehabilitated Y/n		
9	Project Cost	:	129	1562	Y	1 & 2	N		
			6342.5 lakh						
10	No of Beneficiaries covered in the project	:	Gen	SC	ST	OBC	Total	Minority	Person with Disability
			1060	175	11	68	1562	247	1
11	Whether beneficiary have been selected as PMAY guideline? (Yes/No)	:	Yes						
12	No. of houses constructed / acquired Please specify ownership (any of these)	:	Joint (01) 698	Female (02) 322	Male (03) 542	Transgender (4)			
13	No. of beneficiaries covered in project	:	Male (01) 799	Female(02) 763	Transgender (03)				
14	Whether it has been ensured that selected beneficiaries have rightful ownership of the land	:	Yes						
15	Whether building plan for all houses have bee approved	:	Yes						
16	i) GoI grant required (Rs. 1.5 lakh per eligible beneficiary) (Rs in Lakhs)	:	2350						
	ii) State grant, if any (Rs. In lakhs)	:	3280.93						
	iii) ULB grant, if any (Rs. In Lakh)	:	285.57						
	iv) Beneficiary Share (Rs.in lakhs)	:	388						
	v) Estimated Loan of Beneficiary	:	38						
	Total (Rs.in lakh)	:	6342.5						
17	Whether technical specification/ design for housing have been ensured as per Indian Standards/NBC/ State noms.	:	Yes						
18	Whether it has been ensured that balance cost of construction is tied up with State grant, ULB grant & beneficiary share?	:	Yes						
19	Whether trunk and line infrastructure is existing or being provisioned	:	Yes						
	i) Water Supplu (Yes/ No)	:	Yes						
	ii) Sewerage (Yes / No)	:	NO						
	iii) Road (Yes / No)	:	Yes						
	iv) Strom Water Drain (yes/No)	:	Yes						
	v) External Electrification (Yes/No)	:	Yes						
	vi) Solid Waste Management (Yes/No)	:	Yes						
vii) Any other, specify	:								


	viii) In case, any infuture has not been proposed, reasons thereof.	:	NA
20	Whether disaster (earthquake, flood, cyclone landslide etc.) resistance features have been adopted in concept, design and implementation?	:	Yes
21	Whether Demand Survey completed for entire city?	:	Yes
22	Whether city-wide integrated project have been formulated? If not, reasons therof.	:	Yes
23	Whether validation with SECC data for housing conditions conducted?	:	Yes
24	Whether Direct Benefit Transfer (DBT) of fund to individual bank account of beneficiary ensured in the project?	:	Yes
25	Whether there is provision in DPR for tracking/ monitoring the progress of individual houses through geo-tagged photographs?	:	Yes
26	Whether any innovation/cost effective/Green technology adopted in the project?	:	Yes
27	Comments of SLAC after techno economic appraisal of DPR.	:	
28	Brief of project , including any other information ULB/State would like to furnish.	:	

*State will give code number to each project sanctioned under HFA as 'ABCDEF GHIJKLM'
(Where 'AB' is State Code as per census 'CDEFGH' is city code as per census 'IJ' is running number of project of the city and 'K' is project component code i.e. 'k' will be 1-for in-situ- slum redevelopment, 2 -for Relocation 3- for AHP and 4-for Beneficiary led-Construction or enhancement), 'L' will be N- for New, R- for Revised, 'M' will be running number which will be O for new and 1 and so on for revision.

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

Signature
(State Level Nodal Officer)

Signature
(Secretary / Principal Secretary, Concerned Department)


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

Sl.
Chairperson
Dankuni Municipality
Manoharpur, Dankuni, Hooghly

EXECUTIVE SUMMARY

Executive Summary

Project Details		
1	State	: West Bengal
2	City	: Dankuni Municipality
3	Project Name	: Pradhan Mantri Awas Yojana Housing for All (Urban)
4	Project Cost	: (Rs. In Lacs) 6342.50
5	Central Share	: (Rs. In Lacs) 2350.00
6	State Share	: (Rs. In Lacs) 3280.93
7	ULB Share	: (Rs. In Lacs) 285.57
8	Beneficiary Share	: (Rs. In Lacs) 388.00
9	Estimated Loan of Beneficiary	: (Rs. In Lacs) 38.00
10	Total Infrastructure cost	: (Rs. In Lacs) 571.14
1	Percentage of Infrastructure cost of Beneficiary-led Individual House Construction Cost	: 10.00 %
1	Infrastructure cost per dwelling unit	: (Rs. In Lacs) 0.3680
1	Year of Implementation	: 2016-17
3		


Chairman
Dankuni Municipality
 Manoharpur, Dankuni, Hooghly

HFAPoA for Dankuni Municipality

- 1 Component Housing
 4 construction : Beneficiary Led Construction (BLC) & Affordable Housing for Weaker Section through
 1 SOR : Credit Linked Subsidy (CLS)
 5 Adopted : PWD (WB) w.e.f 1.7.14 with current corrigendum.

Project Contributions (Physical + Financial) (Rs. In lacs)												
Sl No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share (@Rs.1.5 Lac/D. U.)	State Govt. Share (@Rs.1.93 Lac/D. U.)	ULB Share	Estimated Loan (@Rs. 3.8 Lac/D. U.)	Beneficiaries Share (@Rs. 0.25 Lac/D. U.)
A. HOUSING												
I. Beneficiary-led Individual House Construction or Enhancement (BLC)												
1	New in-situ											
	Single storied units		1552	No	368000	5711.36	5711.36	2328.00	2995.36	0.00	0.00	388.00
	Total (I)					5711.36	5711.36	2328.00	2995.36	0.00	0.00	388.00
II. Affordable Housing for Weaker Section through Credit Linked Subsidy (CLS)												
1	New in-situ											
	Single storied units		10	No	600000	60.00	60.00	22.00	0.00	0.00	38.00	0.00
	Total (II)					60.00	60.00	22.00	0.00	0.00	38.00	0.00

HFAPoA for Dankuni Municipality

		Total Housing Cost Sub Total (A)				5771.36	2350.00	2995.36	0.00	38.00	388.00	
B. INFRASTRUCTURE												
Sl No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)	Appraised Project Cost (in lakh)	Central Share (in lakh)	State Govt. Share (@ 50%) (in lakh)	ULB Share (@ 50%) (in lakh)	Estimated Loan (@ Rs. 3.8 Lac/D. U.)	Beneficiaries Share (in lakh)
1	Roads											
i	BT Roads	Bituminous	0	Sq m	612.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ii	CC Roads	Cement Concrete	6831	Mt r	4097.00	279.87	279.87	0.00	139.93	139.93	0.00	0.00
2	Water Supply											
i	Pipeline (Dist.)	100 mm dia. Dist. (DI)	9146	Mt r	1249.00	114.23	114.23	0.00	57.12	57.12	0.00	0.00
3	Storm Water Drains											
i	Drainage (M) (Section - 300x300)	Brick Masonry	3730	Mt r	2297.00	85.68	85.68	0.00	42.84	42.84	0.00	0.00
i	Drainage (M) (Section - 400x400)	Brick Masonry	2027	Mt r	2817.00	57.10	57.10	0.00	28.55	28.55	0.00	0.00
i	Drainage (M) (Section - 450x600)	Brick Masonry	782	Mt r	3651.00	28.55	28.55	0.00	14.28	14.28	0.00	0.00

HFAPoA for Dankuni Municipality

4	Plantation												
	Plantation for Greenery improvement	3087	No s.	185.00	5.71	5.71	0.00	2.86	2.86	0.00	0.00	0.00	0.00
	Total Infrastructure Cost Sub Total (B)				571.14	571.14	0.00	285.57	285.57	0.00	0.00	0.00	0.00
	Grand Total (A+B)				6342.50	6342.50	2350.00	3280.93	285.57	38.00	388.00	388.00	388.00


 Signature of the ULB Level
Assistant Engineer
 Technical Office
Dankuni Municipality
 Dankuni, Hooghly



Signature of the State Level Competent Technical Officer

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

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

Fax No: +91- 33- 23375474

Telephone No.: +91-33-23371331

Mobile No.: (0)9475825219

E-mail: ce_medte@yahoo.com

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


 Chairman
Dankuni Municipality
 Manoharpur, Dankuni, Hooghly

HFAPoA for Dankuni Municipality

Signature of the State Level

Nodal Officer

Name & Designation: Sri M.N.

Pradhan, IAS

Director, SUDA

Address: State Urban

Development Agency

Fax No: 91-33-23585767

Telephone No: + 91-33-
23585767

Mobile No.: (0) 9830031488

E-Mail: wbsudadir@gmail.com

Sd.
Signature of the Chairman / CEO/Commissioner of ULB/ Implementing Agency
Name & Designation: Chairman

Chairman, Dankuni Municipality
Dankuni Municipality
Manoharpur, Dankuni, Hooghly

Address:

Fax No.:

Telephone No.:

Mobile No.:

E-mail No.:

HFAPoA for Dankuni Municipality


FUND FLOW PATTERN

NAME OF THE SCHEME	ESTIMATED COST	Rupees in lakhs						TOTAL
		YEAR 2016-17						
		GOI	GOWB	ULB	Beneficiaries	Estimated Loan of Beneficiary		
PMAY project - , Dankuni Municipality	6342.50	2350.00	3280.93	285.57	388.00	38.00	6342.50	

PHASING OF FUND

Rupees in lakhs

YEAR 2015-16	RELEASE OF FUND							TOTAL
	Rupees in lakhs							
	GOI	GOWB	ULB	Beneficiaries	Estimated Loan of Beneficiary			
1st Installment @ 40%	940.00	1312.37	114.23	388.00	38.00		2792.60	
2nd Installment @ 40%	940.00	1312.37	114.23	0.00	0.00		2366.60	
3rd Installment @ 20%	470.00	656.19	57.11	0.00	0.00		1183.30	
TOTAL	2350.00	3280.93	285.57	388.00	38.00		6342.50	


 Chairman
 Dankuni Municipality
 Manoharpur, Dankuni, Hooghly

REQUIREMENT OF FUND

Rupees in lakhs

SL. NO	NAME OF THE SCHEME	YEAR 2016-17	TOTAL
1	PMAY project - , Dankuni Municipality	6342.50	6342.50
Total		6342.50	6342.50

se.
Chairman
Dankuni Municipality
Manoharpur, Dankuni, Hooghly

HFAPoA for Dankuni Municipality

SLUM WISE DETAILS OF DWELLING UNITS AND INFRASTRUCTURE COST UNDER BENEFICIARY LED CONSTRUCTION (BLC) OF 2016-17

		DANKUNI MUNICIPALITY WORK AND COST SUMMARY - SLUM WISE DETAILS												CLUSTER-I									
SI No.	Slum No.	Name of Slum	Area Sqkm	Population	HOUSING		PHYSICAL INFRASTRUCTURE										Grand Total (Rs. in lakh)						
					Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Leach Pit (@ Rs.0.0754 Lakh/ each)	Drainage (M) (Section - 300x300)	Drainage (M) (Section - 400x400)	Drainage (M) (Section - 450x600)	Pipe Line @ Rs.1249.00/M	Concrete Roads (@ Rs.4097.00/M)	Closed Eucalyptus Bullah Work (@ Rs.3507.00/M)	Community Centre (@Rs.3120074.00/- each)		Plantation for Greenery (@Rs.185.00/- each)					
1					32	117.76	0	0.00	77	1.77	42	1.18	16	0.59	189	2.36	141	5.77	0.00	0.00	64	0.12	125.54
2	1	Thanthaniya Para	0.074	1317	53	195.04	0	0.00	127	2.93	69	1.95	27	0.98	312	3.90	233	9.56	0.00	0.00	105	0.20	214.54
3	2	Hedor Para	0.118	1369	6	22.08	0	0.00	14	0.33	8	0.22	3	0.11	35	0.44	26	1.08	0.00	0.00	12	0.02	24.25
4	3	Mondal Para	0.028	564	5	18.40	0	0.00	12	0.28	7	0.18	3	0.09	29	0.37	22	0.90	0.00	0.00	10	0.02	20.24
5	4	Sarkar Para	0.012	974	25	92.00	0	0.00	60	1.38	33	0.92	13	0.46	147	1.84	110	4.51	0.00	0.00	50	0.09	101.20
6	5	Saighara	0.084	615	5	18.40	0	0.00	12	0.28	7	0.18	3	0.09	29	0.37	22	0.90	0.00	0.00	10	0.02	20.24
7	6	Chandighar	0.060	524	37	136.16	0	0.00	89	2.04	48	1.36	19	0.68	218	2.72	163	6.67	0.00	0.00	74	0.14	148.28
8	7	Kharial Muslim Para	0.026	194	9	33.12	0	0.00	22	0.50	12	0.33	5	0.17	53	0.66	40	1.62	0.00	0.00	18	0.03	26.43
9	8	Santra Para	0.002	207	3	11.04	0	0.00	7	0.17	4	0.11	2	0.06	18	0.22	13	0.54	0.00	0.00	6	0.01	13.14
10	9	Kharial Bazar	0.022	93	3	11.04	0	0.00	7	0.17	4	0.11	2	0.06	18	0.22	13	0.54	0.00	0.00	6	0.01	13.14
11	10	Paradankuni Muslim Para	0.052	1050	7	25.76	0	0.00	17	0.39	9	0.26	4	0.13	41	0.52	31	1.26	0.00	0.00	14	0.03	29.24
12	11	Mojhi Para 2	0.037	317	7	25.76	0	0.00	17	0.39	9	0.26	4	0.13	41	0.52	31	1.26	0.00	0.00	14	0.03	29.24

HFAPoA for Dankuni Municipality

		DANKUNI MUNICIPALITY WORK AND COST SUMMARY - SLUM-WISE DETAILS															CLUSTER-I						
Sl No.	Slum No.	Name of Slum	Area SqKm	Population	HOUSING		PHYSICAL INFRASTRUCTURE													Grand Total (Rs. in lakh)			
					Amt. (in lakh)	Qty.	Dwelling Units (@ Rs.3.68 Lakh/ each)	Leach Pit (@ Rs.0.0754 Lakh/ each)	Drainage (M) (Rs.2297.00/M) (Section - 300x300)	Drainage (M) (Rs.2817.00/M) (Section - 400x400)	Drainage (M) (Rs.3651.00/M) (Section - 450x600)	Pipe Line @ Rs.1249.00/M	Concrete Roads (@ Rs.4097.00/M)	Closed Eucalyptus Bullah Work (@ Rs.3507.00/M)	Community Centre (@Rs.3120074.00/- each)	Plantation for Greenery Improvement (@Rs.185.00/- each)							
					Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)			
12	13	Ghorai Para	0.050	232	5	18.40	0	0.00	12	0.28	7	0.18	3	0.09	29	0.37	22	0.90	0	0.00	10	0.02	29.24
13	14	Maitry Para	0.077	574	41	150.88	0	0.00	99	2.26	54	1.51	21	0.75	242	3.02	180	7.39	0	0.00	82	0.15	165.97
14																							
15	15	Panchanantala Delhi road Slum	0.097	1039	15	55.20	0	0.00	36	0.83	20	0.55	8	0.28	88	1.10	66	2.70	0	0.00	30	0.06	60.72
16	16	Bag Para	0.062	645	27	99.36	0	0.00	65	1.49	35	0.99	14	0.50	159	1.99	119	4.87	0	0.00	54	0.10	109.20
17	17	Koshi Para & Sarkar Para	0.057	574	2	7.36	0	0.00	5	0.11	3	0.07	1	0.04	12	0.15	9	0.36	0	0.00	4	0.01	8.10
18	18	Chakundi Majhi Para	0.025	344	16	58.88	0	0.00	38	0.88	21	0.59	8	0.29	94	1.18	70	2.89	0	0.00	32	0.06	64.77
19	19	Akan Para	0.081	1242	26	95.68	0	0.00	62	1.44	34	0.95	13	0.48	153	1.91	114	4.69	0	0.00	52	0.10	106.25
20	20	SK Para	0.116	985	31	114.08	0	0.00	74	1.71	40	1.14	16	0.57	183	2.28	136	5.59	0	0.00	62	0.11	125.49
21	21	Molla Para	0.214	1184	17	62.56	0	0.00	41	0.94	22	0.63	9	0.31	100	1.25	75	3.07	0	0.00	34	0.06	88.62
22	23	Akdanga Dakhini Para	0.049	648	15	55.20	0	0.00	36	0.83	20	0.55	8	0.28	88	1.10	66	2.70	0	0.00	30	0.06	60.72
	24	Aagdanga Uttarpara	0.063	929	25	92.00	0	0.00	60	1.38	33	0.92	13	0.46	147	1.84	110	4.51	0	0.00	50	0.09	101.20

HFAPoA for Dankuni Municipality

DANKUNI MUNICIPALITY WORK AND COST SUMMARY - SLUM-WISE DETAILS																							
Slum No.	Name of Slum	Area Sqkm	Population	HOUSING		PHYSICAL INFRASTRUCTURE										CLUSTER-I							
				Dwelling Units (@ Rs.3.88 Lakh/ each)		Leach Pit (@ Rs.0.0754 Lakh/ each)		Drainage (M) (Rs.2297.00/M) (Section - 300x300)		Drainage (M) (Rs.2817.00/M) (Section - 400x400)		Drainage (M) (Rs.3651.00/M) (Section - 450x600)		Pipe Line @ Rs.1249.00 /M		Concrete Roads (@ Rs.4097.00/M)		Closed Eucalyptus Bulah Filling Road Protection Work (@ Rs.3607.00/M)		Community Centre (@Rs.3120074.00/- each)		Plantation for Greenery (@Rs.185.00/- each)	
				Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)
48				16	58.88	0	0.00	38	0.88	21	0.59	8	0.29	94	1.18	70	2.89			32	0.06	64.77	
49	Malik Para Seikh Para	0.071	1761	45	165.60	0	0.00	108	2.48	59	1.66	23	0.83	265	3.31	198	8.11			90	0.17	182.16	
50	New Ramkrishna Pally	0.072	1321	1	3.68	0	0.00	2	0.06	1	0.04	1	0.02	6	0.07	4	0.18			2	0.00	4.05	
51	Taltala	0.014	414	11	40.48	0	0.00	26	0.61	14	0.40	6	0.20	66	0.81	48	1.98			22	0.04	44.53	
52	Malik Para	0.017	459	13	47.84	0	0.00	31	0.72	17	0.48	7	0.24	77	0.96	57	2.34			28	0.05	52.62	
53	Dewan Para	0.017	818	1	3.68	0	0.00	2	0.06	1	0.04	1	0.02	6	0.07	4	0.18			2	0.00	4.05	
54	Arabinda Nagar 1	0.056	679	1	3.68	0	0.00	2	0.06	1	0.04	1	0.02	6	0.07	4	0.18			2	0.00	4.05	
55	Sukanta Pally	0.037	217	15	55.20	0	0.00	36	0.83	20	0.55	8	0.28	88	1.10	66	2.70			30	0.08	60.73	
56	Khudiram Pally	0.051	378	15	55.20	0	0.00	36	0.83	20	0.55	8	0.28	88	1.10	66	2.70			30	0.08	60.73	
57	Bonder Bill	0.032	137	2	7.36	0	0.00	5	0.11	3	0.07	1	0.04	12	0.15	9	0.36			4	0.01	8.10	

HFAPoA for Dankuni Municipality

Sl No.	Slum No.	Name of Slum	Area Sqkm	Population	HOUSING		PHYSICAL INFRASTRUCTURE														CLUSTER-I		Grand Total (Rs. in lakh)			
					Dwelling Units (@ Rs. 3.68 Lakh/ each)		Leach Pit (@ Rs. 0.754 Lakh/ each)		Drainage (M) (Rs. 2297.00/M) (Section - 300x300)		Drainage (M) (Rs. 2817.00/M) (Section - 400x400)		Drainage (M) (Rs. 3651.00/M) (Section - 450x600)		Pipe Line @ Rs. 1249.00 /M		Concrete Roads (@ Rs. 4097.00/M)		Closed Eucalyptus Bush Piling Road Protection Work (@ Rs. 3607.00/M)		Community Centre (@Rs. 3120074.00/- each)			Plantation for Greenery Improvement (@Rs. 186.00/- each)		
					Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)		Qty.	Amt. (in lakh)	
77						4	14.72	0	0.00	10	0.22	5	0.15	2	0.07	24	0.29	18	0.72					8	0.01	16.19
78	95	Surja sen Nagar (North)	0.007	867		39	143.62	0	0.00	94	2.15	51	1.44	20	0.72	230	2.87	172	7.03					78	0.14	167.07
79	101	Monoharipur Paschim & 9 No. Math Para	0.004	1147		3	11.04	0	0.00	7	0.17	4	0.11	2	0.06	18	0.22	13	0.54					6	0.01	12.14
80	102	Kalipour Bidhan Pally	0.005	190		31	114.08	0	0.00	74	1.71	40	1.14	16	0.57	183	2.28	136	5.59					62	0.11	125.49
81	103	Kalipour North Purbasha	0.008	195		19	69.92	0	0.00	46	1.05	25	0.70	10	0.35	112	1.40	84	3.43					38	0.07	76.91
82	104	Mirgala Mondal Para	0.029	380		5	18.40	0	0.00	12	0.28	7	0.18	3	0.09	29	0.37	22	0.90					10	0.02	20.24
83	105	Kalipour Bag Para	0.011	365		5	18.40	0	0.00	12	0.28	7	0.18	3	0.09	29	0.37	22	0.90					10	0.02	20.24
	106	Mirgala Kayem Para	0.017	323		5	18.40	0	0.00	12	0.28	7	0.18	3	0.09	29	0.37	22	0.90					10	0.02	20.24

HFAPoA for Dankuni Municipality

DANKUNI MUNICIPALITY WORK AND COST SUMMARY - SLUM WISE DETAILS																									
Sl No.	Slum No.	Name of Slum	Area Sqkm	Population	HOUSING		PHYSICAL INFRASTRUCTURE												Grand Total (Rs. in lakh)						
					Qty.	Amt. (in lakh)	Qty.	Amt. (in lakh)	Leach Pit (@ Rs.0.754 Lakh/each)	Drainage (M) (Rs.2297.00/M) (Section - 300x300)	Drainage (M) (Rs.2817.00/M) (Section - 400x400)	Drainage (M) (Rs.3651.00/M) (Section - 450x500)	Pipe Line @ Rs.1249.00 /M	Concrete Roads (@ Rs. 4097.00/M)	Closed Eucalyptus Bullah Work (@ Rs. 3507.00/M)	Community Centre (@Rs.3120074.00/- each)	Plantation for Greenery Improvement (@Rs. 185.00/- each)								
94						2	7.36	0	0.00	5	0.11	3	0.07	1	0.04	12	0.15	9	0.36	0.00	0.00	0.00	0.00	0.01	5.16
95	125	Rabindranagar Khalar Math	0.036	214	9	33.12	0	0.00	22	0.50	12	0.33	5	0.17	53	0.66	40	1.62	0.00	0.00	0.00	0.00	0.03	36.43	
96	128	Parichantala	0.054	203	42	154.56	0	0.00	101	2.32	55	1.55	21	0.77	247	3.09	185	7.57	0.00	0.00	0.00	0.00	0.15	170.02	
	NON SLUM	NON SLUM	5.329	68166																					
	Total		1.873	24576	1552	5711.36	0	0	3730	85.67	2027	57.11	782	28.56	9145	114.23	6831	279.86	0	0	0	0	5.71	6382.60	

Sd.
Chairman
Dankuni Municipality
Manoharpur, Dankuni, Hooghly

HFAPoA for Dankuni Municipality

SLUM WISE DETAILS OF DWELLING UNITS UNDER Affordable Housing for Weaker Section through Credit Linked Subsidy OF 2016-17

DANKUNI MUNICIPALITY									
WORK AND COST SUMMARY - SLUM WISE DETAILS									
RAY									
CLUSTER-II									
Sl No.	Slum No.	Name of Slum	Area Sqkm	Population	HOUSING		Grand Total (Rs. In lakh)		
					Dwelling Units (@ Rs.6.00 Lakh/ each)	Amt. (in lakh)		Qty.	Amt. (in lakh)
1	38	Mallick Para	0.059	1149	1	6.00	6.00	1	6.00
2	41	Bibeknanda Pally & Gobra Ruidas Para	0.048	1178	1	6.00	6.00	1	6.00
3	49	Part of Mirigala Mallick Para	0.034	261	1	6.00	6.00	1	6.00
4	55	Malik Para-Sekh Para	0.071	1761	1	6.00	6.00	1	6.00
5	73	Surja Sen Nagar	0.008	188	1	6.00	6.00	1	6.00
96	NON SLUM	NON SLUM	5.329	68166	5	30.00	30.00	5	30.00
Total			1.873	4537	10	60.00	60.00	10	60.00

Sh.
Chairman
Dankuni Municipality
Manoharpur, Dankuni, Hooghly

Annexure of Rates

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

Pradhan Mantri Awas Yojana Housing For All (Urban)

Total Covered Area- 32.88 sq.m (With Electrical Works)

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

Floor Area 25.37 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm . SOR, PWD, P-1, I -2 a	13.000	%cu.m.	12047.00	1566.11
2	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete.(Payment to be made on the basis of measurement of finished quantity of work) a) With earth obtained from excavation of foundation. SOR, PWD, P-1, T/3 a	11.120	%cu.m.	7831.00	870.81
3	Supplying Laying Polithin Sheets etc. SOR, PWD, P-45, T - 13	22.000	sqm	25.00	550.00

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4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering. a) In ground floor and foundation. 6 : 3 : 1 proportion Pakur variety SOR, PWD, Page 24 ; Item -10 a	3.500	cu.m.	5823.00	20380.50
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete. SOR, PWD, P-45, T-12	6.810	sqm,	297.00	2022.57
6	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. b) In super structure SOR, PWD, P-29, T -22(a), (b)	10.430 15.240	cum cum	5719.00 5943.00	59649.17 90571.32
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor SOR, PWD, P-73, I -29	23.220	sq.m.	783.00	18181.26
8	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (I) Pakur Variety SOR, PWD, P-14, T -7(i)	3.940	cu.m.	6851.66	26995.54

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9	<p>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.</p> <p>(a) For works in foundation, basement and upto roof of ground floor / upto 4m. (i) Tor steel/Mild steel. SOR, PWD, P-27, T -15(i)</p>	0.309	MT	60705.93	18775.74
10	<p>Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor). (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.)SOR, PWD, P-66, T -12(a)</p> <p>25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor</p>	37.063	M ²	360.00	13342.68
11	<p>Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary . In ground floor. A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster SOR, PWD, P-151, T -2 (i)(b) b) Out side Wall, 15mm th. SOR, PWD, P-151, I -2 (i)(c)</p>	116.940	sq.m.	181.00	21166.14
		111.950	sq.m.	156.00	17464.20

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		23.330	sq.m.	140.00	3266.20
	B)10mm th ceiling plaster (4:1) SOR, PWD, P-151, I -2 (i)(c)				
12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. SOR, PWD, P-152, I -8	26.700	sq.m.	38.00	1014.60
13	Artificial stone in floor,dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick SOR, PWD, P-40, I -3 (i)	26.490	sq.m.	265.00	7019.85
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1)a fitted and fixed complete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) SOR, PWD, P-90, I -18 (c)	34	* each	22.00	748.00
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood SOR, PWD, P-85, T -1(i)	0.213	cu.m.	46171.00	9834.42

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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 SOR, PWD, P-105, I -84 (iv)c	8.520	sq.m.	1567.00	13350.84
17	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a)75mm x 47mm x 1.70mm SOR, PWD, P-91, T -20(iv)	32.000	each	34.00	1088.00
18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia SOR, PWDP-93, I-25,c	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats SOR, PWD, P-155, I -3 (b)	124.960	%sq.m.	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothing surface thoroughly external surface One Coat SOR, PWD, P-155, I - 4(ii)(a)	100.560	%sq.m.	1514.00	1522.48
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand papering etc. 1) On timber surface SOR, PWD, P - 162, I - 7(a) 2) On Steel Surface SOR, PWD, P - 162, I - 7(b)	21.690 2.700	sq.m. sq.m.	41.00 31.00	889.29 83.70

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22	<p>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 :</p> <p>With super gloss (hi-gloss)-With any shade except white.</p> <p>a) On timber or plastered surface Two Coats b) On Steel surface Two Coats SOR, PWD, P - 162, - 8A(aii),(bii)</p>	<p>21.690 2.700</p>	<p>sq.m. sq.m.</p>	<p>89.00 86.00</p>	<p>1930.41 232.20</p>
23	<p>Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia with center bolt and round fitting. 300 mm long SOR, PWD, P-93, I - 27c</p>	<p>2.000</p>	<p>each</p>	<p>193.00</p>	<p>386.00</p>
24	<p>Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item will not be issued by deptt. SOR, PWD, P-32, I - 38 (b)</p>	<p>1.690</p>	<p>sq.m.</p>	<p>351.00</p>	<p>593.19</p>
25	<p>Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete. P-173, I-21 A (ii), C(ii), D(ii) SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)</p> <p>i) UPVC Pipe 110 mm dia ii) UPVC Bend 87.5 degree 110 mm dia iii) UPVC Shoe 110 mm</p>	<p>3.000 2.000 1.000</p>	<p>Mtr. each each</p>	<p>291.00 162.00 128.00</p>	<p>873.00 324.00 128.00</p>


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26	M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. Grill weighing 10 kg/sq m to 16 kg/m2 SOR, PWD, P - 76, I - 10 (i) (2.70sqm @ 10.5kg per sqm = 28.35 kg)	0.284	Qntl	8247.00	2342.15
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied ,fitted and fixed in position (excluding cost of concrete for fixing). 450 mm long SOR, PWD, (Sanitary) P - 65, I - 1 (iii)	1.000	each	1062.00	1062.00
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including adding colour as necessary. SOR, PWD, (Sanitary) P - 66, I - 9	1.000	Pair	70.00	70.00
29	Supplying,fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed surface. S Trap 100 mm SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)	1.000	each	923.00	923.00
30	Supplying, fitting fixing CI Round Gratings 150mm dia SOR, PWD, (Sanitary) P - 55, I - 18(ii)	1.000	Each	100.00	100.00

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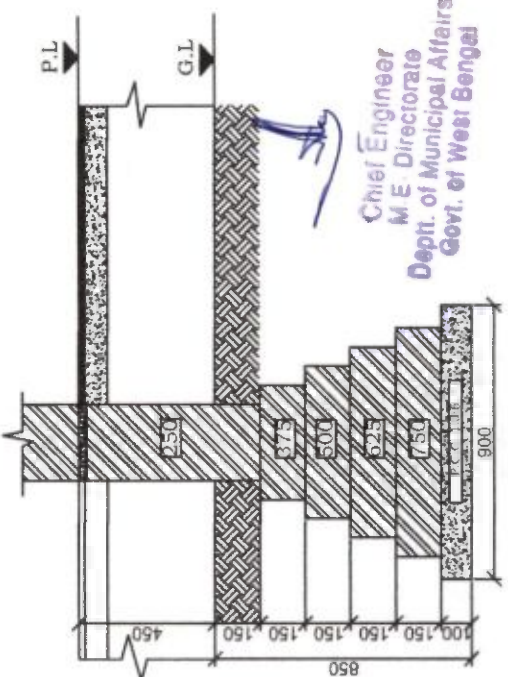
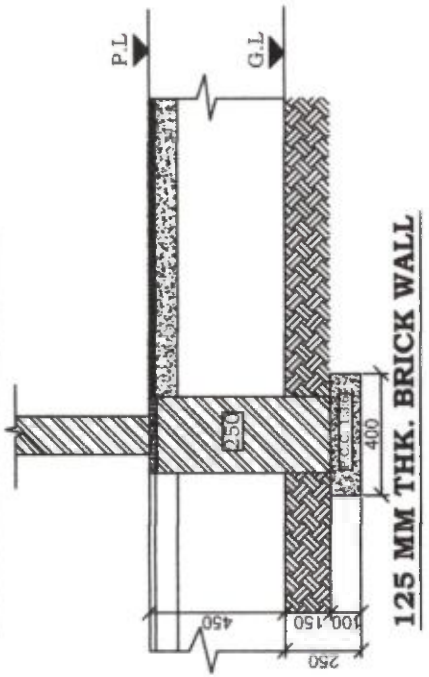
<p>Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement mortar (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 75mm. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plastering and neat cement punning on top of the slab and making hooking arrangement on slab for lifting of the slab if require as well as jointing the connection with the inspection pit (450 x 450) covered with 50mm thick RCC slab (4:2:1) with stone chips and necessary reinforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder earth including supplying fitting fixing fibre glass pan P-tap & polythene pipe as per requirement to connect with the inspection pit complete with all respect as per direction of EIC.(ANNEXURE-II)</p>	<p align="center">1</p>	<p align="center">Item</p>	<p align="center">7544.00</p>	<p align="right">7544.00</p>	
<p>TOTAL AMOUNT</p>					<p>Rs. 350000.36</p>
<p>Say</p>					<p>Rs. 350000.00</p>
<p>Add for Electrical Works (ANNEXURE-I)</p>					<p>Rs. 17858.00</p>
<p>TOTAL AMOUNT</p>					<p>Rs. 367858.00</p>
<p align="center">(Rupees Three lakh Sixty seven thousand Eight hundred & Fifty eight only)</p>					


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

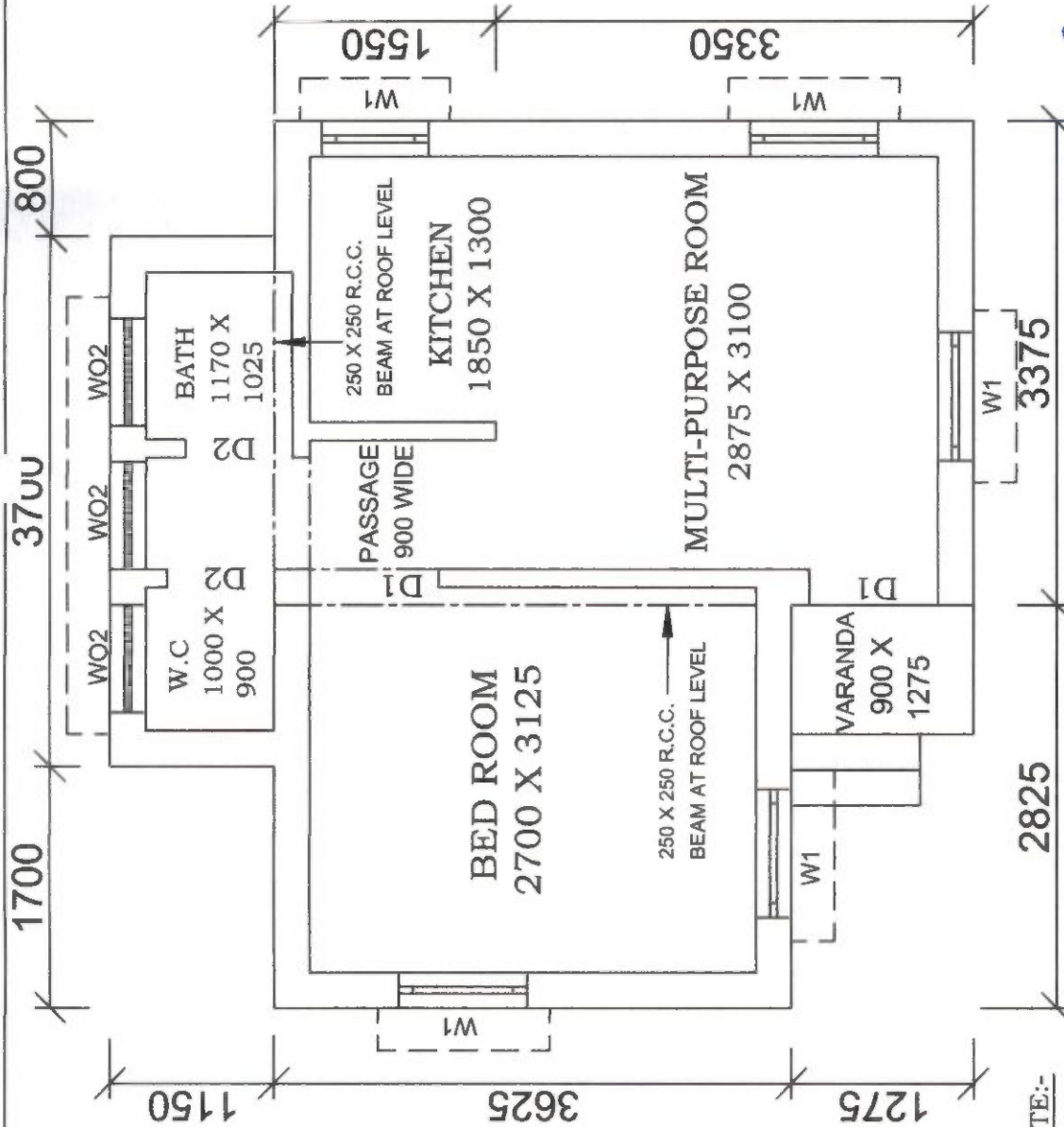

 Sub-Assistant Engineer
 Dankuni Municipality
 Dankuni, Hooghly

sc
 Chairman
 Dankuni Municipality
 Manoharpur, Dankuni, Hooghly

FOUNDATION DETAILS



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



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

- NOTE:-**
- ALL WINDOW OPENINGS (W1&W2) WILL BE PROVIDED WITH Z-BATTEN SHUTTERS.
 - ALL DOORS (D1&D2) - 25TH Z-BATTEN SHUTTERS, SINGLE LEAF.
 - WO2 - OPENING PROVIDED WITH R.C.C. JALLI
 - PLINTH HEIGHT - 450 TH.
 - CEILING HEIGHT - 2750 TH.
 - MAIN WALL - 250 TH.
 - PARTITION WALL - 125 TH.
 - ROOF SLAB, BEAM, LINTEL, ETC. WITH REINFORCED CEMENT CONCRETE M20 GRADE.
 - FLOOR OF VERANDAH, WC, BATH, & KITCHEN ROOM TO BE KEPT 15 MM BELOW THE FLOOR LEVEL OF ROOM & PASSAGE.
 - 100 MM TH. PIECE LINTEL OVER OPENING HAVE BEEN PROVIDED.
 - ALL DIMENSION ARE IN MM.

Chairperson
Dankuni Municipality
FLOOR AREA - 25.37 SQM.
BUILT UP AREA - 32.38 SQM.

PRADHAN MANTRI AWAS YOJANA
HOUSING FOR ALL (URBAN)
OFFICE OF THE CHIEF ENGINEER
MUNICIPAL ENGINEERING DIRECTORATE
GOVT. OF WEST BENGAL

DWG. NO. _____ SCALE :- 1:50 & 1:25

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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 piano key type switchb (6 Amps) (Anchor make) fixed on sheet metal (16 SWG) Switch Board with bakelite/ perspex (wall maching 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	Distribution concealed wiring with 2x1.5 sq mm (PH & N) single core stranded FR PVC insulated & unseathed single core stranded 1.1 KV grade Copper Wire (finolex) & 1x1.5 sq mm (ECC) single core stranded (PH & N) 1.1 KV grade cu wire (finolex) & 1 x 1.5 sq mm single core stranded PVC insulated & unseathed cu wire (finolex) used as ECC in 19 mm bore, 3 mm thick polythene pipe complete with all accessories embedded in wall 250 volt 5 amp 3 pin plug point including S & F 250 Volt 5 amp 3 pin flush type plug socket & piano key type switch (Anchor make) on existing switch board as mentioned sl. no.3	points	76.00	2.00	152.00

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

Rupees Thirteen Thousand Eight Hundred Seventy Eight Only



Sub-Assistant Engineer
Dankuni Municipality
 Dankuni, Hooghly

sa
Chairman
Dankuni Municipality
 Manoharpur, Dankuni, Hooghly

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

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

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6	B.W (6:1) in Foundation of plinth										
	23.5	0.625	14.6875								
	23.5	0.5	11.75								
	23.5	0.375	8.8125								
	23.5	0.25	35.25	0.15	5.288						
				0.525	3.084						
	X wall	0.938	0.625	0.586							
	I	0.5	0.5								
		1.063	0.375	0.399							
				1.485	0.15	0.223					
	1.125	0.25		0.525	0.148						
125mm	3.125	0.25		0.525	0.41						
Bath&WC		2	0.25	0.523	0.235						
Kit	5.224	0.25		0.525	0.686						
Vard	1.925	0.25		0.525	0.253						
Steps		0.5	0.9	0.15	0.068						
	*	0.25	0.9	0.15	0.034						
					10.427	mb					
7	DPC	23.5									
		1.125									
		24.625	0.25	6.156							
		3.125									
		1.8									
		5.224									
		10.149	0.125	1.269							
	Less		0.25	7.425	0.225						

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			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						
		Less opens							17.376			
	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							
		Lintel			7.493	0.25			1.873			
	1	1.525		1.525								
	4	1.2		4.8								
	1	1.05		1.05								
		Wo2		7.375	0.25	0.1			0.184			
	1	3.05		3.05	0.25	0.1			0.076			
		Net brick work				(-)			2.134			
										15.242	m	
9	125 th. Brick work (6:1)											
		room		3.125	2.6	8.125						

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

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			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

HFAPoA for Dankuni Municipality

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
Inside			2.7	3.125				

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

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	W2		1	3.3		3.3		0.075		0.075		0.213		ms
18	Z batten shutter					37.8								
	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		
19	Iron Butt Hinges											8.557		sqm
	D1+D2										12			
	W1		4		4						16			
	W2		1		4						4			
20	Iron soket bolt											32		nos.
	Door								6					
	Window								5					
												11		nos.
21	White wash													
	Inside+Ceiling Plaster- inside punning													
						116.933				15.31		124.953		sqm
22	Colour wash													
	Out side Plaster- out side punning													
						111.953						100.568		sqm
23	Priming on timber sutrace													
		2	2	0.9		2.1						7.56		

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		2	0.75	2.1	6.3		
		4	0.9	0.9	6.48		
		1	0.75	0.9	1.35		
						21.69	sqm
24	Painting best quality on wooden surface same sl.no. 23					21.69	sqm
25	MS ornamental gril....10Kg-16 Kg						
	W1	4	0.75	0.75	2.25		
	W2	1	0.75	0.6	0.45		
					2.7		
					@12Kg/sqm	32.4	Kg
26	Priming on Steel surface					2.7	sqm
27	Painting best quality on steel surface same sl.no. 24					2.7	sqm
28	R.C.C. Shelf						
		1.75	0.5			0.875	sqm
29	Roof treatment with cow dang						
				32.18			
	Deduct	1.14	(varanda)	1.14			
	Cornice	25	0.125	3.125			
				27.915		27.915	sqm



Sub-Assistant Engineer
Dankuni Municipality
Dankuni, Hooghly

Chairman
Dankuni Municipality
Manoharpur, Dankuni, Hooghly

HFAPoA for Dankuni Municipality

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

(ANNEXURE-II)

Sl No	Description of Items	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bttom boiling out water aqs required complete . Depth of excavation not existing 1500mm P.No-1, I-2(a)	2.500	%Cu.M	12047.00	301.18
2	Cement concrete with graded Jhama Khoa ballast (30 mm size) excluding shuttering. (a) 6:3:1 proportion. In ground floor and foundation	0.050	Cu.M	5803.06	290.15
3	Brick work with 1st class bricks in cement mortar (6:1). a) In foundation & Plinth P.no-29, I-21(a)	0.010	Cu.M	5719.00	57.19
4	125 mm. thick brick work with 1st class bricks in cement mortar (4:1) G.Floor P.no-31, I-29	3.000	SqM	714.00	2,142.00

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5	<p>Controlled Cement concrete with well graded stone chips (20 - mm nominal size) excluding shuttering and reinforcement with complete design of concrete as per I : 456 and relevant special publications submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in charge Consumption of cement will not be less than 300 Kg of cement -with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on- the basis of preliminary test and job mix formula. -I n ground floor and foundation. [Using concrete mixture] M 20 Grade P.no-12, I-6(a)</p>	0.145	Cu.M	6871.54	996.37
6	<p>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 P.no-27, I-15(a)(i)</p>	0.010	M.T	68508.00	685.08
7	<p>Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete.</p>				
	<p>i) UPVC Pipe 110 mm dia P.no-173, I-21(A)(ii)</p>	4.000	Mtr	291.00	1,164.00

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	ii) UPVC Bend 87.5 degree 110 mm dia P.no-174, I-21(B)C(ii)	2.000	Each	162.00	324.00
8	Jaffri brick work 125 mm. thick with 1st class bricks in cement mortar (4:1) including 12 mm. thick cement plaster (4:1) in all faces in ground floor .P.no-32, I-35	2.000	SqM	792.00	1,584.00
				Cost of 2 no leach pit	7,543.97
				Total=	7,544.00

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

Step - 1	Schedule Rate	Rs	6068.00(A)
Step - 2	Deduct cost of cement=(Quantity of cement)x(lissue rate of cement vide item no-1 column-4 Table1-1 of Annexure-1 0.055x8100	Rs	672.30(B)
Step - 3	Add cost of cement supplied by cost contractor including 10% profite = 1.1x(Quantity of cement)x(Basik price of cement vide item no -1 column- 5 table-1-1 of annexure -1 1.1x.055x7364	Rs	672.33 (C.)

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Note:- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D	Rs 6068.03 (D)
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**Rate Analysis
Ordinary Mix Concrete 1:1.5:3**

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

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

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

**Annexure - II
Format - A**

(Format for Rate Analysis of Cement Concrete Item)

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

(i) Pakur Variety

Consumption of Stone aggregate (Page B-59)

Distance of site considered =

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

Steps			Unit	Rate	Amount
Step - 1	Rate of item as per relevant section of this Schedule A =	1.00	CUM	5389.00	5389.00

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

ESTIMATE FOR CONSTRUCTION OF CONCRETE ROAD 2.5 MRTRE WIDE

PWD BUILDING SCHEDULE 2014

SI No	Description of Items	Length	Breadth	Depth	Quantity	Unit	Rate	Amount
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1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the btom boiling out water aqs required complete . Depth of excavation not existing 1500mm P.No-1, I-2(a)	1.00	2.5	0.400	1.000	%Cu.M	12047.00	120.47
2	Filling foundation or plinth by silver sand in layer not exceeding 150 mm. as directed and consolidating same by through saturation with water rammingcomplete. Including the cost of supply of sand. (a) by fine sand P.No-2, I-4(B)	1.00	2.5	0.200	0.500	%Cu.M	110422.00	552.11
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand P.no-11, I-1	1.00	2.5		2.500	Sq.M	377.00	942.50
4	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes P.no-24, I-10(a)	1.00	2.5	0.125	0.313	Cu.M	6802.74	2,125.86

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5	Brick edging 75 mm. wide with picked jhama bricks, laid true to line and level including cutting necessary trench in soil or in hard metal surface, laying the bricks and repacking the trench (on both sides of the edging) with spoils and ramming the same throughly, complete as per direction. (b) Brick-on-end edging (250 mm) depth. P.No-189 , I-3(b)	2.00		2.000	%Mtr	9392.00	187.84	
6	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipal /Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in - Charge P.no-9, I-13	1.00	2.500	0.400	1.000	Cu.M	168.00	168.00
							Total=	4,096.78
							Total=	4,097.00

DANKUNI MUNICIPALITY

ESTIMATE FOR CONSTRUCTION OF CLOSED EUCALYPTUS BULLAH PILLING WITH EARTH FILLING WITH CEMENT BAG WALLING & EARTH FILLING FOR PROTECTING ROADS UNDER RAY PROJECT OF DANKUNI MUNICIPALITY.

Consider Length = 55 Mtr.

Sl. No	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (in Rs.)	AMOUNT (InRs.)
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1 P no-217 81 no-24	Pumping out water from Ponds or Tank. 2x(13.75+13.75)x0.70=38.50	38.50	%Cu.M	1054.00	405.79
2 P no-318 Sl no- 18.18(i)	Supplying U_C. Bullah Piles at work including dressing and making one end pointed. 100 mmDia For post 368x2.40=883.20 For runner 1x55=55.00 including lap 1x40=40.00 Total = 95.00 mtr	883.20	Mtr	96.00	84787.20
3 P-318 Sl.No- 18.18(i)	Supply of Bullah (EUC) for tie bar & tie post Tie Bar 38x1.00=38.00 Tie Post 38x1.00=38.00	95.00	Mtr	96.00	9120.00
4. Page-318 Sl.I~o- 13.17(i)	Labour for driving Eucalyptus bullah piles by monkey in sorts of soil including hoisting and placing piles in position, protecting the pile head with iron ring and cutting and shaping heads before and after driving and including hire and labour for necessary driving appliances and all tackles.	38.00	Mtr	96.00	3648.00
		38.00	Mtr	96.00	3648.00

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	100 mm Diameter 368x1.20=441.60	441.60	Mtr	83.00	36652.80
5 Page-319 SI.No-18.28	Supplying empty Cement bags in good condition 1x1377=1377	1377.00	%Nos	330.00	4544.10
6 Page-319 SI.No-18.29	Filling empty Cement bags with dry earth or sand, stitching the bag (cost of thread included) and carrying and placing them in position and all incidental charges complete but. excluding cost of sand and gunny bags. 1x1377=1377	1377.00	%Nos	350.00	4819.50
7 Page-319 SI.No-13.27	Coal tarring on wooden surfaces including cost of materials (a) Double coat. 1x883.20x2x3.14x0.05=277.32 2x38x2x3.14x0.05=23.86 1x95x2x3.14x0.05=29.83 331.01 Total =	331.01	Sqm	36.00	11916.36
8 Page-322 SI.No-18.41	Labour for fitting and fixing 10cm to 15cm diameter eucalyptus-bullah as ties and runners including necessary nails, bolts and nuts. 1x38=38.00 Total = 133.00	133.00	Mtr	20.60	2739.80

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<p>9 Page- I (Build.) Sl.No-3 (c) (iii)</p>	<p>Earth work in filling in foundation trenches 01' plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work)</p>					
<p>10 P.no-9, I-13</p>	<p>(i) With carried earth arranged by the contractor within a radius exceeding 3 km. But not exceeding 5 km. including the cost of carried earth. 1x55x0.90x1.20=59.40</p>	<p>59.40</p>	<p>%Cu.M</p>	<p>40300.00</p>	<p>23938.2</p>	
	<p>Removal of rubbish, earth etc. from the orking site and disposal of the same beyond the compound in conformity with the Municipapal/Corporation Rules forsuch disposal. loading into truck and cleaning the site in all respect as per direction of Engineer - in - Charge 55x1.20x0.600=39.60</p>	<p>39.60</p>	<p>Cu.M</p>	<p>168.00</p>	<p>6652.80</p>	
	<p>Total for 55 mtr. Length Rs. =</p>					<p>192872.55</p>
	<p>Say Rs. =</p>					<p>192873.00</p>
	<p>Cost per Mtr. Length =</p>					<p>3507.00</p>



Sub-Assistant Engineer
Dankuni Municipality
Dankuni, Hooghly

Sl.
Chairman
Dankuni Municipality
Manoharper, Dankuni, Hooghly

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

SI. 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) $1000 \times 0.50 \times 1.00 = 500.00$	500.00	12,047.00	% M ³	60,235.00
2. Page-1 It No-3(a)	Earth work in filling in foundation trenches or plinth with good earth. In layers not exceeding 150 mm including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) $[(1)-(3.14 \times 0.1^2) \times 1000 = 31.40, 500.00 - 31.40 = 468.60 \text{ cum}]$ a) with earth obtain from excavation of foundation.	468.60	7,831.00	% M ³	36,696.07

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<p>3. Page No- 53 It No-1.2.2 (b)</p>	<p>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</p>	<p align="center">1,000.00</p>	<p align="center">394.00</p>	<p align="center">%M</p>	<p align="center">3,940.00</p>
<p>4. Page No- 56 It No-1.2.5 (b)</p>	<p>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</p>	<p align="center">270.00</p>	<p align="center">20</p>	<p align="center">Each</p>	<p align="center">5,400.00</p>
<p>5. Page No- 57 IT No- 1.2.6 (b)</p>	<p>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</p>	<p align="center">29.00</p>	<p align="center">210</p>	<p align="center">Each</p>	<p align="center">6,090.00</p>
<p>6. Page No- 58 It No-1.2.7 (b)</p>	<p>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</p>	<p align="center">50.00</p>	<p align="center">33.00</p>	<p align="center">Each</p>	<p align="center">1,650.00</p>

HFAPoA for Dankuni Municipality

<p>7. Page No- 71 It No- 1.5 (b)</p>	<p>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</p>	<p align="center">30.00</p>	<p align="center">35.00</p>	<p align="center">Each</p>	<p align="center">1,050.00</p>
<p>8. Page No- 71 It No-1.5 (b)</p>	<p>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</p>	<p align="center">11.00</p>	<p align="center">443.00</p>	<p align="center">Each</p>	<p align="center">4,873.00</p>
<p>9. Page No- 78 It No- 4.1 (b)</p>	<p>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</p>	<p align="center">1,000.00</p>	<p align="center">8.00</p>	<p align="center">M</p>	<p align="center">8,000.00</p>
<p>10. Page No- 80 It No-5.1 (b)</p>	<p>Disinfections of water main by filling with water containing bleaching powder of sufficient quantity capable of maintaining a residual chlorine concentration of 10mg/l within the main after a detention period of two hours and complete as per specification and direction of the Engineer in charge. b) 100mm Dia</p>	<p align="center">1,000.00</p>	<p align="center">4.00</p>	<p align="center">M</p>	<p align="center">4,000.00</p>

HFAPoA for Dankuni Municipality

<p>11. Page No-82 It No-6.1</p>	<p>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.</p>	<p align="center">1,290.00</p>	<p align="center">12.00</p>	<p align="center">HP.Hr</p>	<p align="center">15,480.00</p>
<p>12. Page No-105 It No-9.6 (a)(i) & (c)(i)</p>	<p>All types of ductile iron (spun) special (viz Bend, Tee, Taper, Tail piece etc.) size conforming to I.S. Specification No-9523 / 2000 with cement mortar lining (inside and bituminous coating (outside) (25% of payments will be held up till successful hydraulic testing) . i) All socketed Tee 80 mm- 300 mm Nos @ 29.50 Kg/each =177 Kg 100x100x100, 6 Nos @ 21.50 Kg/each = 129 Kg</p>	<p align="center">306.00</p>	<p align="center">67.00</p>	<p align="center">Kg</p>	<p align="center">20,502.00</p>
	<p>j) Tail Piece 80 mm- 300 mm @ 9.70 Kg/Each =174.60 Kg</p>	<p align="center">174.60</p>	<p align="center">80.00</p>	<p align="center">Kg</p>	<p align="center">13,968.00</p>
<p>13. Page No-108 It No-9.8 (ii)</p>	<p>Single / Double bit SBR gasket suitable for jointing C.I / D.I presser pipes, conforming to I.S. 5382-1985 b) 100 mm Dia</p>	<p align="center">312.00</p>	<p align="center">31.00</p>	<p align="center">Each</p>	<p align="center">9,672.00</p>
<p>14. Page No-108. It No-9.8 (ii)</p>	<p>Cast iron double flanged valves generally conforming to I.S. 14846 : 2000 having four faces and spindle nut or gunmetal, inside screw non rising type brass / AISI 410 spindle ; seat tested to 10 Kg / CM2 And body tested to 15 Kg / CM2 Flanges flat faces and drilled to I.S: 1538: 1993b) 100 mm Dia</p>	<p align="center">10.00</p>	<p align="center">3,209.00</p>	<p align="center">Each</p>	<p align="center">32,090.00</p>

HFAPoA for Dankuni Municipality

<p>15. Page No- 87 It No- 6.26 (b)</p>	<p>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</p>	<p align="center">18.00</p>	<p align="center">1,028.00</p>	<p align="center">Each</p>	<p align="center">18,504.00</p>
<p>16. Page No- 93 It No-6.33 (b)</p>	<p>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</p>	<p align="center">4.00</p>	<p align="center">2241</p>	<p align="center">Each</p>	<p align="center">8,964.00</p>
<p>17. Page No- 93 It No-6.33 (b)</p>	<p>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</p>	<p align="center">4.00</p>	<p align="center">1977</p>	<p align="center">Each</p>	<p align="center">7,908.00</p>
<p>18. Page No- 93 It No-6.34 4(b)</p>	<p>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</p>	<p align="center">3.00</p>	<p align="center">1887</p>	<p align="center">Each</p>	<p align="center">5,661.00</p>

HFAPoA for Dankuni Municipality

19 Page No- 22 It No-15	Sluice valve chamber with C.I heavy cover with locking arrangement (weight not less than 25 Kg) (size of chamber 450 mm x 600 mm inside up to 900 mm depth) 250mm thick cement brick walls (6:1) 150 mm thick cement concrete (6:3:1) bed with jhama chips 19 mm thick cement plaster (6:1) for inside wall and 12 mm thick cement plaster (6:1) for outer walls including rounding corners b) 100 mm Dia sluice valve chamber	10.00	7,576.00	Each	75,760.00
20	Supply of D.I Pipe with conformation to relevent IS codes and as per direction of EIC. 100 mm dia	1,000.00	867.00	M	867,000.00
21 P-9, It No- 13	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipal /Corporation Rules forsuch disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in -Charge. 1000x0.5x0.5=250 cum	250.00	168.00	cum	42,000.00
Total Rs.					1,249,443.07
Say=					1,249,443.00

Per meter Length=Rs. **1249.00**

(Rupees Twelve Hundred Fourty Nine only)

ESTIMATE FOR CONSTRUCTION OF SURFACE DRAIN (300X300)

PWD BUILDING SCHEDULE 2014

Sl No	Description of Items	Length	Breadth	Depth	Quantity	Unit	Rate	Amount
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HFAPoA for Dankuni Municipality

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 bitom boiling out water aqs required complete. Depth of excavation not existing 1500mm P.No-1, I-2(a)	1.00	0.95	0.475	0.451	%Cu.M	12047.00	54.36
2	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand P.no-11, I-1	1.00	0.95		0.950	Sq.M	377.00	358.15
3	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. In ground floor (a) 6:3:1 and foundation proportion.	1.00	0.95	0.100	0.095	Cu.M	5803.06	551.29
4	Brick work with 1st class bricks in cement mortar (4:1). a) In foundation & Plinth P.no-29, I-21(a)	1.00	0.25	0.600	0.150	Cu.M	6068.00	910.20
5	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface including throating, nosing and drip course where necessary. (Gr.floor). i) With 4:1 cement mortar. a) 20 mm. Thick plaster. P.no-151, I-2(a)	1.00	1.1		1.100	Sq.M	206.00	226.60

HFAPoA for Dankuni Municipality

6	Neat cement punning above 1.5 mm thick in wall, dado, windowsills, floor, drain etc. P.no-152, I-8	1.00	1.100	1.100	1.100	1.100	Sq.M	38.00	41.80
7	Artificial stone in floor dado staircase etc. with cement concrete 1:2:4 with stone chips laid in pannels as directed with topping made with ordinary or white cement (as measured) and marble dust in porportion (2:1) including smooth finishing and round P.no-40, I-3(ii)	1.00	0.300	0.300	0.300	0.300	Sq.M	303.00	90.90
8	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipal /Corporation Rules forsuch disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in - Charge P.no-9, I-13	1.00	0.800	0.475	0.3800	0.3800	Cu.M	168.00	63.84
Total=									2,297.14
Total=									2,297.00

ESTIMATE FOR CONSTRUCTION OF SUR FACE DRAIN (400X400)

PWD BUILDING SCHEDULE 2014

Sl No	Description of Items	Length	Breadth	Depth	Quantity	Unit	Rate	Amount
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HFAPoA for Dankuni Municipality

1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom boiling out water aqs required complete. Depth of excavation not existing 1500mm P.No-1, I-2(a)	1.00	1.05	0.575	0.604	%Cu.M	12047.00	72.73
2	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand P.no-11, I-1	1.00	1.05		1.050	Sq.M	377.00	395.85
3	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. In ground floor (a) 6:3:1 and foundation 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 P.no-29, I-21(a)	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. P.no-151, I-2(a)	1.00	1.3		1.300	Sq.M	206.00	267.80

HFAPoA for Dankuni Municipality

6	Neat cement punning above 1.5 mm thick in wall, dado, windowsills, floor, drain etc. P.no-152, I-8	1.00	1.300		1.300	Sq.M	38.00	49.40
7	Artificial stone in floor dado staircase etc. with cement concrete 1:2:4 with stone chips laid in pannels as directed with topping made with ordinary or white cement (as measured) and marble dust in porportion (2:1) including smooth finishing and round P.no-40, I-3(ii)	1.00	0.400		0.400	Sq.M	303.00	121.20
8	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipal /Corporation Rules forsuch disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in - Charge P.no-9, I-13	1.00	0.900	0.575	0.5175	Cu.M	168.00	86.94
							Total=	2,816.85
							Total=	2,817.00

ESTIMATE FOR CONSTRUCTION OF SURFACE DRAIN (450X600)

PWD BUILDING SCHEDULE 2014

Sl No	Description of Items	Length	Breadth	Depth	Quantity	Unit	Rate	Amount
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HFAPoA for Dankuni Municipality

1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bottom boiling out water aqs required complete. Depth of excavation not existing 1500mm P.No-1, I-2(a)	1.00	1.1	0.775	0.853	%Cu.M	12047.00	102.70
2	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand P.no-11, I-1	1.00	1.1		1.100	Sq.M	377.00	414.70
3	Cement concrete with graded jhama Khoa ballast (30 mm size) excluding shuttering. and foundation proportion. (a) 6:3:1	1.00	1.1	0.100	0.110	Cu.M	5803.06	638.34
4	Brick work with 1st class bricks in cement mortar (4:1). a) In foundation & Plinth P.no-29, I-21(a)	1.00	0.25	1.200	0.300	Cu.M	6068.00	1,820.40
5	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface including throating, nosing and drip course where necessary. (Gr.floor). i) With 4:1 cement mortar. a) 20 mm. Thick plaster. P.no-151, I-2(a)	1.00	1.7		1.700	Sq.M	206.00	350.20

HFAPoA for Dankuni Municipality

6	Neat cement punning above 1.5 mm thick in wall, dado, windowsills, floor, drain etc. P.no-152, I-8	1.00	1.700	1.700	Sq.M	38.00	64.60	
7	Artificial stone in floor dado staircase etc. with cement concrete 1:2:4 with stone chips laid in pannels as directed with topping made with ordinary or white cement (as measured) and marble dust in porportion (2:1) including smooth finishing and round P.no-40, I-3(ii)	1.00	0.450	0.450	Sq.M	303.00	136.35	
8	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipapal /Corporation Rules forsuch disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in - Charge P.no-9, I-13	1.00	0.950	0.775	Cu.M	168.00	123.69	
							Total=	3,650.98
							Total=	3,651.00

ESTIMATE FOR GARBAGE VAT

SL.NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT
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HFAPoA for Dankuni Municipality

1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm. SOR, PWD, P-1, I-2(a)	1	7	0.8	0.225	1.26					
		1	3.55	2.3	0.45	3.67425	4.934	%cu.m.	12047.00		594.43
2	Earthwork in filling in foundation & plinth with earth obtained from excavation Pg 3, Item3										
				20% of excavation		1	1.0	cu.m.	7831		81.05
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand SOR, PWD, P-33, I-1 [R]										
		1	7	0.8		5.6	5.6	sqm	377.00		2111.20
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering. a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety Page 59 ; Item No. : -I-10 a										
		1	7	0.8	0.15	0.8400	0.8400	cu.m.	5823		4891.32
5	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. SOR, PWD, P-69, I-21(a) [R]										
		1	7	0.75	0.175	0.92					

HFAPoA for Dankuni Municipality

1	7	0.5	0.175	0.61								
1	7	0.25	1.15	2.01						cu.m.	5719.00	20266.71
6	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary . In ground floor. i) With 6:1 cement mortar. c) 20mm thick plaster SOR, PWD, P-319, I-2(ii)											
	1	7	2.75	19.25						sq.m.	181.00	3484.25
7	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. SOR, PWD, P-323, I-8											
	Qty. same as Sl.no. 5											
				19.25						sq.m.	38.00	731.50
8	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm .as directed & consolidating same by thorough saturation with water ramming complete .including the cost of supply of sand . (pament to be made on measurement of finished quantity.) p.no. 5,sl-4A											
	1	2.5	1.25	0.3	0.9375							
	1	1.5	0.25	0.3	0.1125					%cu.m.	98524	1034.50
9	Nominal mix M20 cement concrete(1:1.5:3) with graded stonechips excluding shuttering in reinforcement if any with Pakur Stone chips. P-35, I-6(a)(i) & P-61, I-11											
	1	2.5	1.25	0.15	0.46875							
	1	1.5	0.25	0.15	0.05625					cu.m.	6802.74	3571.44

HFAPoA for Dankuni Municipality

10	Hire and labour charges for shuttering with hard wood for precast R.C. slab, curved or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc. complete in all respect. (Only the area in contact with concrete to be measured).								
	SOR, PWD, P-65, I -14								
	2	7	0.15	2.1					
	1	1.5	0.15	0.225	2.325	sq.m.	100	232.50	
TOTAL								Rs.	36998.90
								SAY	36999.00

ESTIMATE FOR THE CONSTRUCTION OF COMMUNITY CENTRE NEW
 Schedule Based On P.W.D. (Building & Sanitary & Plumbing) August, 2014 & Corrigena

AREA = 223.40 sqm
 UNIT - EACH.

SL. NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE (Rs.)	AMOUNT(Rs.)
1	Earthwork in excavation of foundation trenches or drains in all sorts soil (inc-luding mixed soil but excluding laterite or sandstone) including remov-ing spreading or stacking the spoils within a lead of 75m as directed. The item includes necessary trimming the sides of trenches, leveling, dressing, and ramming the bottom bailing out water as required complete. (a) Depth of excavation not exceeding 1500 mm. P.W.D.(Building), Page -1, It. - 2(a)	169.91	% M ³	12,047.00	20469.06

HFAPoA for Dankuni Municipality

2	Earthwork in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. a) With earth obtained from excavation of foundation. P.W.D. (Bldg.), Page - 1, It. - 3(a)	122.69	% M ³	7,831.00	9607.85
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand. P.W.D. (Building), Page -11, It.1	314.66	M ²	377.00	118624.94
4	Cement concrete with graded jhama khoa (30 mm size) xcluding shuttering and reinforcement. In ground floor and foundationa) 6:3:1 proportion. P.W.D(Building), Page - 11, It. - 4(a)	23.60	M ³	5,803.00	136945.00
5	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. P.W.D (Building), Page - 14, It. - 7(i)	74.24	M ³	6802.74	505008.21
6	Brick work with 1st class bricks in cement mortar (6:1). a) In foundation & Plinth. P.W.D.(Building), Page - 29, It.- 22(a) b)In Super structure, Ground floor. P.W.D.(Building), Page - 29, It.- 22(b)	36.89	M ³	5,719.00	210973.91
		59.36	M ³	5,943.00	352776.48

HFAPoA for Dankuni Municipality

7	125 mm thick brick work with 1st class bricks in cement mortar (4: 1) a) In Ground floor. P.W.D(Building), Page - 31, It. - 29	159.36	M ²	783.00	124778.88
8	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns lintels curved or straight including fitting fixing and striking out after completion of works (upto roof of ground floor). (a) 25 mm to 30 mm thick wooden shuttering as per direction & decision of the E.I.C. P.W.D(Building), Page - 26, It. - 12(a)	453.83	M ²	360.00	163380.24
9	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups binders etc including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every inter-section, complete as per drawing and direction.(a) for works in foundation, basement and upto roof of ground floor/upto 4m. (i) Tor steel/Mild steel. P.W.D(Building), Page - 27, It. - 15a(i)	5.84	MT	68,508.00	400086.72

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

HFAPoA for Dankuni Municipality

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

HFAPoA for Dankuni Municipality

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

HFAPoA for Dankuni Municipality

22	<p>Construction of Septic tank of different capacities as per approved drawing with 1st brick work in cement mortar (4:1) including two 560 mm dia R.C.C. manhole cover of approved make supplied, fitted fixed in the top slab with necessary fittings, 19 mm thick cement plaster (4:1) with neat cement finish to the internal surfaces and 12 mm thick cement plaster (4:1) to out side walls upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone including supplying, fitting fixing all necessary specials, fittings S.W. tees, C.I. foot rest etc including excavating earth in all sorts of soil, shoring, bailing and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tank with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 5% by weight of cement, complete in all respect as per direction of E.I.C. For 10 users</p>	1.00	Each	39,964.00	39964.00
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HFAPoA for Dankuni Municipality

23	<p>Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1.6 metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round and cement brick work (1:4) upto 0.90 metre from top with 20mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15mm thick cement plaster (1:4) on outer face from top of the well upto G.L. and 6 mm thick cement plaster (1:4) on top of the R.C.C. cover slab including filling bottom 1.00 metre of inside of the well with brick metal (50 mm to 63 mm size) including R.C.C. cover slab of 100 mm thick with cement conc (1:1.5:3) with stone chips with necessary reinforcement and shuttering including one 560 mm dia. R.C.C. manhole cover (heavy type) of approved make supplied, fitted and fixed in the cover slab with necessary fittings, making necessary arrangements for pipe connections, excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials.</p> <p>With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m</p>	1.00	Each	17,982.00	17982.00
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P.W.D(S & P), Page - 74, It. - 4

HFAPoA for Dankuni Municipality

24	<p>Constructing Inspection pit of inside measurements 600 mm x 600 mm x upto 600 mm(depth) with 250 mm thick 1st class brick work in cement mortar (4:1) on all sides, bottom of the pits consisting of 100 mm thick cement concrete (6:3:1) with jhama khoa over a layer of jhama brick flat soling, 15 mm thick (4:1) cement plaster to inside walls and outside walls upto G.L.and 20 mm thick (4:1) plaster to bottom of the pit, providing necessary invert with cement concrete (6:3:1) with stone chips as per direction , neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stonechips and necessary reinforcement upto 1% and shuttering including 6 mm thick cement plaster (4:1) in all external surfaces of the slab and one 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings , necessary earth work in excavation in all sorts of soil filling sides of the pits with earth and removing spoils after work complete in all respect. P.W.D(S&P), Page - 71, It. - 1</p>	2.00	Each	7,980.00	15960.00
25	<p>Supplying fitting fixing C.I.specials of down pipes in position with clamps nails etc. with jointing materials including cutting holes in masonry or concrete mending good damages complete.</p>				

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

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

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

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

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

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

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

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

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

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

DETAILS ESTIMATE FOR THE CONSTRUCTION OF COMMUNITY CENTRE

All dimensions are in mm

CL Length	Main Wall	67-39+7.348 = 74.738 m						
	Partition Wall	5.675+2.225+(9.472+2.50+2.225)+2.40+(4.0*3)+[2.80+8.030+2.0(2.475*4)]= 56.977 m						

Sl. No.	Item No.	No.	Length	Depth	Width	Quantity	Total Quantity	Unit
1	Excu		74.738	1.425	1.1	117.152		
			56.977	0.925	0.75	39.528		
							156.680	cu

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2	B/filling	74.738 56.977	1.05 0.6	(1.10-0.375) (0.750-0.25)	56.894 17.093	m
3	BFS (foundation) for ASF	74.738 56.977		1.1 0.75	82.2118 42.7328 177.427 0	cu m
4	PCC (for foundation) for ASF	74.738 56.977 177.427	0.075 0.075 0.075	1.1 0.75	6.166 3.205 13.307	cu m
5	RCC (1:1.5:3) Foundation	74.738 56.977	0.3 0.25	1.1 0.75	24.664 10.683	cu m
	*Lintel	74.738 56.977	0.15 0.15	0.25 0.125	35.347 2.803 1.068	cu m
	Chajja Roof Beam	2 74.738 (8.03+2.227) (2.96+5.315+9.472)	0.1 0.175 0.175 0.175	0.45 0.25 0.25 0.25	3.871 0.540 3.270 0.448 0.776	cu m
	Roof Slab Area	(12.948+3.0)	x	(10.296+1.73+2.555+3.666)	5.034	cu m
	Less	3.0 2.227	x x	9.722 = 3.21 =	= 291.0 (-) 29166 (-) 7.148	Sq.m. Sq.m. Sq.m.

302.372

73.987

22.678

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		3.666	x	(2.65 +3.048) =	(-) 20.89	Sq.m.
		2.555	x	3.048 =	(-) 7.787	Sq.m.
		1.73	x	2.0 =	(-) 3.46	Sq.m.
					<u>68.451</u>	
		222.549	0.125		222.549	sq.m.
					27.819	cu m
	Waist Slab	2.85	0.15	1.2	1.026	
	0.5 landing slab	1.25	0.125	2.4	0.375	
		1.2	0.25	0.15	0.495	
					1.896	cu m
6	BKW (foundation)					73.966 m
	upto GL	74.738	1.05	0.375	29.428	
	PL to GL	74.738	0.4	0.25	7.474	
	PL to roof	74.738	(3.0-0.175)	0.25	52.783	
	upto PL	74.738	(0.60+0.40)	0.25	14.244	
					103.929	cu m
	Less for Window		0.9	1.2	11.880	
			0.75	1.2	8.100	
	Less for doors					
	Main Entrance to		2	2	8.000	
	Comm. Hall		2	2	4.000	
	Entrance to crech				31.980	cu m
		31.98		0.25	7.995	m
7	125 thick BKW	56.977	2.825	160.96		95.934 m

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		10	0.9	2	18	142.960	Sq.m.
8	Less for doors						
	Shuttering	2	74.738		0.3	44.843	
	Foundation	2	56.977		0.25	28.489	
	Tie beam	2	74.738		0.25	37.369	
		2	56.977		0.25	28.489	
	Lintel Beam	2	74.738		0.15	22.421	
		2	56.977		0.15	17.093	
	Chajja	6	0.45		2	5.400	
	Roof Beam	2	74.738		0.175	26.158	
		2	56.977		0.175	19.942	
	Slab (area)					222.549	
							452.753 Sq.m.
9	For foundation						
	12 dia	499	74.738/0.150			598.8	
	8 dia	8		1.2		597.904	
	For slab & beam						
						0.89	0.533
						0.395	0.236
							4.518
10	Artificial Stone in floor						5.287 MT
	P cum Dinning				2	4.950	
	Creche				4.575	25.963	
	Toilet				2.8	7.000	
							5.816 MT

assuming 10% extra for lapping, cutting, wastage etc.

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R-1		3.05							
Toilet		2	2	1.2	8.540				
		2	2	1.1	2.200				
Library		2.225		2.875	6.397				
R-2		3.35		2.475	8.291				
Toilet		1.5	2	1.2	1.800				
Waiting space (including dispensary)		5.875		4.4	25.850				
Stair room floor		1.875		2.425	4.547				
Consultant room		2.4		2.475	5.940				
Projection Room		2.3		2.475	5.693				
Toilet	2	2		1.025	4.100				
Toilet & Greenroom		4		2.625	10.500				
R-3 & stage		(7.348+2.625)		5.796	57.803				181.97 sq.m
11	Woodwork	22	(0.9+1.20)	0.05	0.0855	m			
		18	(0.75+1.20)	0.05	0.0649	m			
		4	(2.0 +2.0)	0.05	0.0296	m			
		4	(2.0 +2.0)	0.05	0.0148	m			
		20	(0.9+2.0)	0.05	0.0424	m			
12	Neat Cement		(64.17+196.938)						
	Less	24							
				0.3	78.332				
				0.3	7.2				71.132 Sq.m.
13	MS Grill	49.98 sq.m.	@ 13 kg/sq.m.						649.74 Kg.
14	Panel (Wooden)	31.98		18					49.98 Sq.m.

HFAPoA for Dankuni Municipality

15	Plaster (4:1) 10mm thick Ceiling area (6:1) 20mm thick Outside	h =	(3.0+0.125+0.40)	3.525	m	177.427	sq.m
		L =	8.03+3.666+2.65+2.555+1.0+1.73+3.048+10.296+12.948+9.722+5.315 +3.21	64.17	m		
	Less for doors & windows	Area =	64.17	3.525	226.199	Sq.m.	
	Inside			31.98	Sq.m.	194.219	sq.m
	Creche	2	(5.675 + 4.575)	20.5	m		
	P cum Dining	2	(2.475 + 2.0)	8.95	m		
	Toilet	2	(2.5 + 2.80)	10.6	m		
	R-1	2	(3.05 + 2.80)	11.7	m		
	R-2	2	(3.35 + 2.475)	11.65	m		
	Toilet	2	(2 + 1.20)	6.4	m		
	Library	2	(2 + 1.10)	6.2	m		
	Toilet	2	(2.225 + 2.875)	10.2	m		
	Waiting Space (including dispensary)	2	(1.50 + 1.20)	5.4	m		
	Stair room floor	2	(5.875 + 4.40)	20.55	m		
	Consultant room	2	(1.875 + 2.425)	8.6	m		
	Projection room	2	(2.40 + 2.475)	9.75	m		
	Toilet	2	(2.30 + 2.475)	9.55	m		
	Toilet & Green room	2	(2.0 + 1.025)	12.1	m		
	R-3 & Stage	2	(4.0 + 2.625)	13.25	m		
		2	[(7.348 + 2.625) + 5.796]	31.538	m		
				196.938	m		
	Height of Inside Plaster = 3.0 m.		(196.938 x 3)	590.814			

HFAPoA for Dankuni Municipality

Less for window & door on 250 thk wall
Less for window & door on 125 thk wall

(-) 31.98
(-) 36

522.834 sq.m



Sub-Assistant Engineer
Dankuni Municipality
Dankuni, Hooghly

Sh.
Chairman
Dankuni Municipality
Manoharpur, Dankuni, Hooghly

Abstract of Estimated Cost for Drain section of 400mm x 400mm

All rates are taken from P.W.D. Schedule 2014 ,Kolkata location followed.

Length= 1.0 Mtr.

SL No	Description						UNIT	QTY.	RATE (RS.)	AMOUNT (RS.)	
	Details	No	L	B	H	Qty.					
1	Earth work in excavation of foundation trenches or drains. In all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing. Spreading or stacking the spills within a lead of 75m. As directed. The item includes necessary trimming the sides of trances, leveling dressing and ramming the bottom complete a) Depth of excavation not exceeding 1500mm. Page-1, Item-2.						%Cum	0.60	12,047.00	72.73	
	For drain	1.0	1.000	1.05	0.575	0.60					-
					Total-	0.60					-
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 basis of measurement of finished quantity of work). (a) With earth obtained from excavation of foundation. Page-1, Item No.-3.a						%Cum	0.04	7,831.00	3.13	
	Consider total Earth	2.0	1.000	0.050	0.400	0.04					-
					Total-	0.04					-
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. Page-11, Item-1.						Sqm	1.05	377.00	395.85	
	For drain	1.0	1.000	1.050		1.05					-
					Total-	1.05					-
4	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, as per relevant IS codes. A) Pakur Variety. Page-11, Item-5.a a) Ground floor.						Cum	0.11	4,603.00	483.32	
	For drain	1.0	1.000	1.050	0.100	0.11					-
					Total-	0.11					-
5	Brick work with 1st class bricks in cement mortar (4:1) (a) In foundation and plinth Page-29, Item No.-21.a						Cum	0.2	6,068.00	1,213.60	
	For drain	2.0	1.000	0.250	0.400	0.20					-
					Total-	0.20					-
6	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor). [Excluding cost of chipping over concrete surface] (ii) with 1:4 cement mortar Page-151, Item-2.ii.b (a) 15mm thick plaster						m ²	1.7	176.00	299.20	
	For drain	1.0	1.000	1.700		1.70					-
					Total-	1.70					-
7	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. Page-152, Item-8. NOTE: Cement 0.152 cu.m per 100 sq.m.						m ²	1.7	38.00	64.60	
	For drain	1.0	1.000	1.700		1.70					-
					Total-	1.70					-

Total- 2,532.43

Add Contingency @ 3% 75.97

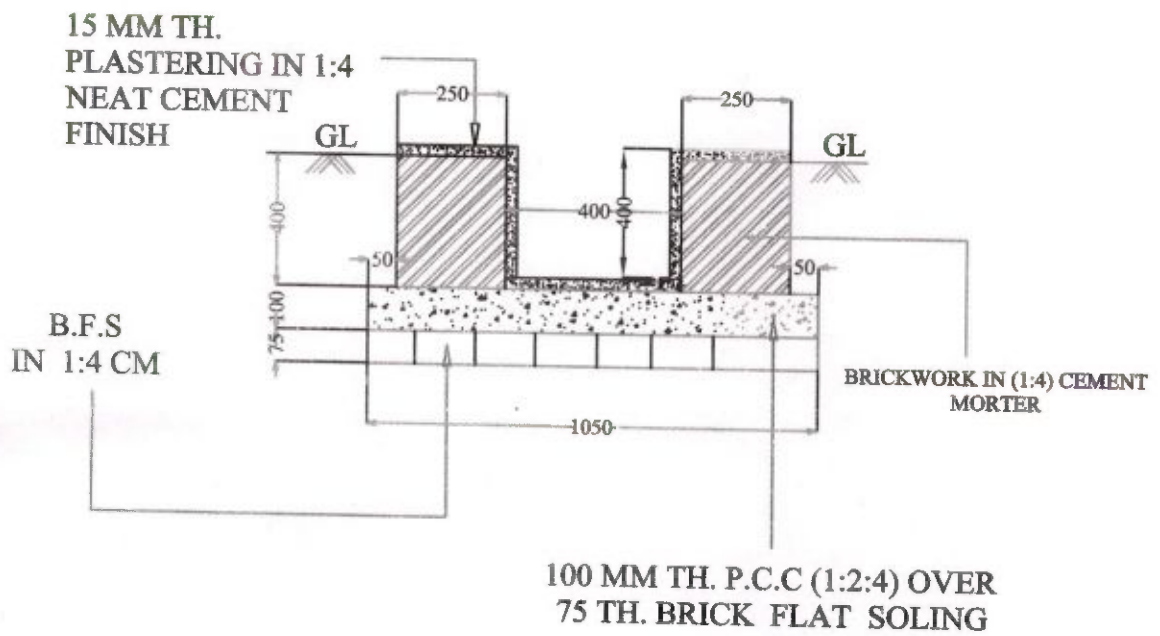
G. Total- 2,608.40

Rate /Mtr length= 2,608.40

Sub-Assistant Engineer
Dankuni Municipality
Dankuni, Hooghly

SA
Chairperson
Dankuni Municipality
Manoharpur, Dankuni, Hooghly

CROSS SECTION OF DRAIN (400 x 400)



[Handwritten Signature]

Sub -Assistant Engineer

Sub-Assistant Engineer
Dankuni Municipality
Dankuni, Hooghly

Chairman
[Handwritten Signature]

Chairperson
Dankuni Municipality
Manoharpur, Dankuni

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
77	95	Surja sen Nagar (North)	The condition of living in the slum is unhygienic	Land belongs to the Private	1	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
78	101	Monoharpur Paschim & 9 No. Math Para	The condition of living in the slum is unhygienic	Land belongs to the Private	1	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
79	102	Kalipur Bidhan Pally	The condition of living in the slum is unhygienic	Land belongs to the Private	1	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
80	103	Kalipur North Purbasha	The condition of living in the slum is unhygienic	Land belongs to the Private	1	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housing	Road Status	Habitatation pattern
73	84	Monber Purbo Para & Mallick Para	The condition of living in the slum is unhygienic	Land belongs to the Private	0	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space
74	85	Monber Neye Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space
75	86	R.K.B.T Full Bagan	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space
76	87	Monber Paschim Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
69	79	Chhayani Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
70	81	Barkandaj Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
71	82	Khan Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
72	83	Mollah Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housing	Road Status	Habitat pattern
65	75	Station Pally	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
66	76	Part of Rabindra Nagar	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
67	77	Lal Baba Road	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
68	78	Sahana Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
61	68	Chhayani Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
62	69	Maity Para 1	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
63	73	Surja Sen Nagar	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
64	74	Natun Pally	The condition of living in the slum is unhygienic	Land belongs to the Private	0	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitatation pattern
57	64	Chaituya Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space
58	65	Delhi Road-PWD Colony	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space
59	66	Hazra Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space
60	67	Hazra Para Boro Harisava	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space

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Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
53	60	Arabinda Nagar 1	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
54	61	Sukanta Pally	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
55	62	Khudiram Pally	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
56	63	Bonder Bill	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

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Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housing	Road Status	Habitat pattern
49	56	New Ramkrishna Pally	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
50	57	Taltala	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
51	58	Malik Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
52	59	Dewan Para	The condition of living in the slum is unhygienic	Land belongs to the Private	0	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
45	51	Nandan Kanan	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
46	53	Monaharpur, Roy Para, Rail Gate	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
47	54	Monaharpur Baishali Pally	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
48	55	Malik Para-Sekh Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housing	Road Status	Habitatation pattern
41	46	Mrigala Mal Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space
42	47	Kalipur Buno Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space
43	49	Part of Mrigala Mallick Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space
44	50	Rabindra Nagar	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitatation pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
37	42	Gobra Dakshin Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
38	43	Gobra Santra Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
39	44	Kalipur Mahishal Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
40	45	Kalipur Mal Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housing	Road Status	Habitation pattern
33	37	Patsaiat Purba Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitation pattern in the slums is congested with insufficient open space
34	38	Mallick Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitation pattern in the slums is congested with insufficient open space
35	39	Laskar Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitation pattern in the slums is congested with insufficient open space
36	41	Bibekananda Pally & Gobra Ruidas Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitation pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housing	Road Status	Habitat pattern
29	32	Ghosh Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
30	34	Patsaiat Paschim Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
31	35	Patsaiat Molla Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
32	36	Pathsaiaat Madya Para	The condition of living in the slum is unhygienic	Land belongs to the Private	0	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housing	Road Status	Habitat pattern
25	28	Bikash Nagar	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
26	29	Ramkrishna Pally	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
27	30	Gobra Station Bazar	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
28	31	Chaina Para & Mondal Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
21	23	Akdanga Dakhin Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
22	24	Aagdanga Uttarpara	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
23	26	Bagpara (East)	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
24	27	Bagpara (West)	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitation pattern
17	18	Chakundi Majhi Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitation pattern in the slums is congested with insufficient open space
18	19	Akan Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitation pattern in the slums is congested with insufficient open space
19	20	Sk Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitation pattern in the slums is congested with insufficient open space
20	21	Molla Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitation pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
13	14	Maitry Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads .	Habitat pattern in the slums is congested with insufficient open space
14	15	Panchanantala Delhi road Slum	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads .	Habitat pattern in the slums is congested with insufficient open space
15	16	Bag Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads .	Habitat pattern in the slums is congested with insufficient open space
16	17	Kashi Para & Sarkar Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads .	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
9	10	Khariel Bazar	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
10	11	Pardankuni Muslim Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
11	12	Majhi Para - 2	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
12	13	Ghorui Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
5	6	Satghara	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
6	7	Chandighar	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
7	8	Khariyal Muslim Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
8	9	Santra Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

List of Slum/Non Slum for 2015-16

Sl. No	Slum Code No	Name of the Slums	Status	Land	Age in years	National Highway	Status of Housings	Road Status	Habitat pattern
1	1	Thanthaniya Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
2	2	Hedor Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
3	3	Mondal Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space
4	4	Sarkar Para	The condition of living in the slum is unhygienic	Land belongs to the Private	3	The National Highway - 2 is within 5.0 kms away	Major population is living in huts, made of darma / bricks with tin sheets and asbestos /tiles on roof	Majority portion of roads are damaged roads	Habitat pattern in the slums is congested with insufficient open space

HFAPoA for Dankuni Municipality

Infrastructure Cost

Sl No.	Scheme Component	Type	Quantity	Unit	Rate (in Rs./unit)	Proposed project cost (in lakh)
1	Roads					
i	BT Roads	Bituminous	0	Sqm	612.00	0.00
ii	CC Roads	Cement Concrete	6831	Mtr	4097.00	279.87
2	Water Supply					
i	Pipeline (Dist.)	100 mm dia. Dist. (DI)	9146	Mtr	1249.00	114.23
3	Storm Water Drains					
i	Drainage (M) (Section - 300x300)	Brick Masonry	3730	Mtr	2297.00	85.68
i	Drainage (M) (Section - 400x400)	Brick Masonry	2027	Mtr	2817.00	57.10
i	Drainage (M) (Section - 450x600)	Brick Masonry	782	Mtr	3651.00	28.55
4	Plantation					
i	Plantation for Greenery improvement	Greenery improvement	3087	Nos.	185.00	5.71
Total Infrastructure Cost						571.14



Sub-Assistant Engineer
Dankuni Municipality
Dankuni, Hooghly

Sl.
Chairman
Dankuni Municipality
Manoharpur, Dankuni, Hooghly

HFAPoA for Dankuni Municipality

S L. N O	SLUM/ NON- SLUM NAME	SLUM CODE	DWELL ING UNIT	INFASTRUCTURES			
				WATER CONNEC TION (Nos)	TOILET FACILI TIES (In number)	ELCTRIC POLES WITH CONNEC TION OF ELECTRI CITY (In Number)	ROA DS (In Mete r)
4							94
9 5	Panchanantala	128	42	5	38	0	115.6 94
9 6	NON SLUM	NON SLUM	17550	7743	14359	0	115.6 94

Chairman
Dankuni Municipality
Municipal Office, Dankuni

Sub-Assistant Engineer
Dankuni Municipality
Dankuni, Hooghly

HFAPoA for Dankuni Municipality

S L. N O	SLUM/ NON- SLUM NAME	SLUM CODE	DWELL ING UNIT	INFASTRUCTURES			
				WATER CONN ECTION (Nos)	TOILET FACILI TIES (In number)	ELCTRIC POLES WITH CONN ECTION OF ELECTRI CITY (In Number)	ROA DS (In Mete r)
74	Monber Neye Para	85	168	34	143	0	115.6 94
75	R.K.B.T Full Bagan	86	178	42	123	0	115.6 94
76	Monber Paschim Para	87	269	85	236	0	115.6 94
77	Surja sen Nagar (North)	95	210	25	207	0	115.6 94
78	Monoharpur Paschim & 9 No. Math Para	101	260	15	184	0	115.6 94
79	Kalipur Bidhan Pally	102	45	2	25	0	115.6 94
80	Kalipur North Purbasha	103	52	38	44	0	115.6 94
81	Mrigala Mondal Para	104	81	3	70	0	115.6 94
82	Kalipur Bag Para	105	103	83	92	0	115.6 94
83	Mrigala Kayem Para	106	68	66	65	0	115.6 94
84	Arabinda Nagar 2	107	130	128	128	0	115.6 94
85	Kalipur Koley Para	109	94	77	87	0	115.6 94
86	Bibekananda Para	110	129	9	125	0	115.6 94
87	Gayen Para	111	163	121	136	0	115.6 94
88	Malick Para	113	110	98	99	0	115.6 94
89	Adarsha Nagar	115	97	81	58	0	115.6 94
90	R.K.B.T Kadamtala	117	74	23	48	0	115.6 94
91	R.K.B.T. Tentultala	118	123	8	105	0	115.6 94
92	Ram Krishna Para	119	63	58	63	0	115.6 94
93	Sk. Para- Kath Gola	122	160	45	103	0	115.6 94
9	Rabindranagar Khalar Math	125	65	58	58	0	115.6

HFAPoA for Dankuni Municipality

S L. N O	SLUM/ NON- SLUM NAME	SLUM CODE	DWELL ING UNIT	INFASTRUCTURES			
				WATER CONN ECTION (Nos)	TOILET FACILI TIES (In number)	ELCTRIC POLES WITH CONN ECTION OF ELECTRI CITY (In Number)	ROA DS (In Mete r)
3							94
5 4	Sukanta Pally	61	61	54	8	0	115.6 94
5 5	Khudiram Pally	62	84	1	2	0	115.6 94
5 6	Bonder Bill	63	72	19	12	0	115.6 94
5 7	Chaituya Para	64	25	5	6	0	115.6 94
5 8	Delhi Road-PWD Colony	65	60	11	11	0	115.6 94
5 9	Hazra Para	66	100	100	100	0	115.6 94
6 0	Hazra Para Boro Harisava	67	117	117	117	0	115.6 94
6 1	Chhayani Para	68	128	128	119	0	115.6 94
6 2	Maity Para 1	69	30	31	31	0	115.6 94
6 3	Surja Sen Nagar	73	194	1	187	0	115.6 94
6 4	Natun Pally	74	84	10	81	0	115.6 94
6 5	Station Pally	75	304	27	299	0	115.6 94
6 6	Part of Rabindra Nagar	76	110	10	106	0	115.6 94
6 7	Lal Baba Road	77	110	6	90	0	115.6 94
6 8	Sahana Para	78	212	203	170	0	115.6 94
6 9	Chhayani Para	79	153	140	79	0	115.6 94
7 0	Barkandaj Para	81	132	78	129	0	115.6 94
7 1	Khan Para	82	200	78	197	0	115.6 94
7 2	Mollah Para	83	354	150	344	0	115.6 94
7 3	Monber Purbo Para & Mallick Para	84	285	131	275	0	115.6 94

HFAPoA for Dankuni Municipality

S L N O	SLUM/ NON- SLUM NAME	SLUM CODE	DWELL ING UNIT	INFASTRUCTURES			
				WATER CONNEC TION (Nos)	TOILET FACILI TIES (In number)	ELCTRIC POLES WITH CONNEC TION OF ELECTRI CITY (In Number)	ROA DS (In Mete r)
3 3	Patsaiat Purba Para	37	100	37	94	0	115.6 94
3 4	Mallick Para	38	334	84	236	0	115.6 94
3 5	Laskar Para	39	120	35	55	0	115.6 94
3 6	Bibekananda Pally & Gobra Ruidas Para	41	301	23	267	0	115.6 94
3 7	Gobra Dakshin Para	42	127	43	115	0	115.6 94
3 8	Gobra Santra Para	43	91	20	67	0	115.6 94
3 9	Kalipur Mahishal Para	44	177	32	169	0	115.6 94
4 0	Kalipur Mal Para	45	71	34	54	0	115.6 94
4 1	Mrigala Mal Para	46	81	11	75	0	115.6 94
4 2	Kalipur Buno Para	47	86	57	77	0	115.6 94
4 3	Part of Mrigala Mallick Para	49	57	51	50	0	115.6 94
4 4	Rabindra Nagar	50	127	99	102	0	115.6 94
4 5	Nandan Kanan	51	322	254	256	0	115.6 94
4 6	Monaharpur, Roy Para, Rail Gate	53	179	141	146	0	115.6 94
4 7	Monaharpur Baishali Pally	54	73	69	70	0	115.6 94
4 8	Malik Para-Sekh Para	55	414	15	307	0	115.6 94
4 9	New Ramkrishna Pally	56	268	38	268	0	115.6 94
5 0	Taltala	57	109	52	73	0	115.6 94
5 1	Malik Para	58	130	11	112	0	115.6 94
5 2	Dewan Para	59	227	7	218	0	115.6 94
5	Arabinda Nagar 1	60	162	158	161	0	115.6

HFAPoA for Dankuni Municipality

S L. N O	SLUM/ NON- SLUM NAME	SLUM CODE	DWELL ING UNIT	INFASTRUCTURES			
				WATER CONNEC TION (Nos)	TOILET FACILI TIES (In number)	ELCTRIC POLES WITH CONNEC TION OF ELECTRI CITY (In Number)	ROA DS (In Mete r)
2							94
1 3	Maitry Para	14	223	207	147	0	115.6 94
1 4	Panchanantala Delhi road Slum	15	312	251	254	0	115.6 94
1 5	Bag Para	16	164	17	149	0	115.6 94
1 6	Kashi Para & Sarkar Para	17	125	123	123	0	115.6 94
1 7	Chakundi Majhi Para	18	88	28	53	0	115.6 94
1 8	Akan Para	19	336	286	304	0	115.6 94
1 9	Sk Para	20	239	72	105	0	115.6 94
2 0	Molla Para	21	295	75	230	0	115.6 94
2 1	Akdanga Dakhin Para	23	162	127	147	0	115.6 94
2 2	Aagdanga Uttarpara	24	209	82	107	0	115.6 94
2 3	Bagpara (East)	26	128	42	44	0	115.6 94
2 4	Bagpara (West)	27	167	83	120	0	115.6 94
2 5	Bikash Nagar	28	76	35	57	0	115.6 94
2 6	Ramkrishna Pally	29	121	31	101	0	115.6 94
2 7	Gobra Station Bazar	30	148	27	75	0	115.6 94
2 8	Chaina Para & Mondal Para	31	149	49	114	0	115.6 94
2 9	Ghosh Para	32	77	12	68	0	115.6 94
3 0	Patsaiat Paschim Para	34	81	25	60	0	115.6 94
3 1	Patsaiat Molla Para	35	60	3	47	0	115.6 94
3 2	Pathsaiaat Madya Para	36	68	31	63	0	115.6 94

HFAPoA for Dankuni Municipality

Sl.No	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum (in sq.km.)
95	128	Panchanantala	Panchanantala	18	0.054
96	NON SLUM	NON SLUM	NON SLUM	NON SLUM	5.329

Slum wise Infrastructure details

S L. N O	SLUM/ NON- SLUM NAME	SLUM CODE	DWELL ING UNIT	INFASTRUCTURES			
				WATER CONNEC TION (Nos)	TOILET FACILI TIES (In number)	ELCTRIC POLES WITH CONNEC TION OF ELECTRI CITY (In Number)	ROA DS (In Mete r)
1	Thanthaniya Para	1	308	77	227	0	115.6 94
2	Hedor Para	2	311	87	264	0	115.6 94
3	Mondal Para	3	150	43	101	0	115.6 94
4	Sarkar Para	4	221	54	161	0	115.6 94
5	Satghara	6	147	40	131	0	115.6 94
6	Chandighar	7	137	42	100	0	115.6 94
7	Khariyal Muslim Para	8	51	42	45	0	115.6 94
8	Santra Para	9	52	8	28	0	115.6 94
9	Khariyal Bazar	10	47	19	32	0	115.6 94
10	Pardankuni Muslim Para	11	222	43	197	0	115.6 94
11	Majhi Para - 2	12	89	31	84	0	115.6 94
1	Ghorui Para	13	65	39	60	0	115.6

HFAPoA for Dankuni Municipality

Sl.No	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum (in sq.km.)
60	67	Hazra Para Boro Harisava	Hazra Para Boro Harisava	13	0.051
61	68	Chhayani Para	Chhayani Para	13	0.057
62	69	Maity Para 1	Maity Para 1	13	0.031
63	73	Surja Sen Nagar	Surja Sen Nagar	14	0.008
64	74	Natun Pally	Natun Pally	14	0.008
65	75	Station Pally	Station Pally	15 & 20	0.062
66	76	Part of Rabindra Nagar	Part of Rabindra Nagar	15 & 20	0.030
67	77	Lal Baba Road	Lal Baba Road	15	0.028
68	78	Sahana Para	Sahana Para	20	0.049
69	79	Chhayani Para	Chhayani Para	20	0.057
70	81	Barkandaj Para	Barkandaj Para	14 & 20	0.084
71	82	Khan Para	Khan Para	20	0.071
72	83	Mollah Para	Mollah Para	20	0.059
73	84	Monber Purbo Para & Mallick Para	Monber Purbo Para & Mallick Para	20 & 21	0.126
74	85	Monber Neye Para	Monber Neye Para	21	0.050
75	86	R.K.B.T Full Bagan	R.K.B.T Full Bagan	21	0.090
76	87	Monber Paschim Para	Monber Paschim Para	21	0.059
77	95	Surja sen Nagar (North)	Surja sen Nagar (North)	14	0.007
78	101	Monoharpur Paschim & 9 No. Math Para	Monoharpur Paschim & 9 No. Math Para	7	0.004
79	102	Kalipur Bidhan Pally	Kalipur Bidhan Pally	6 & 18	0.005
80	103	Kalipur North Purbasha	Kalipur North Purbasha	6 & 18	0.008
81	104	Mrigala Mondal Para	Mrigala Mondal Para	19	0.029
82	105	Kalipur Bag Para	Kalipur Bag Para	19	0.011
83	106	Mrigala Kayem Para	Mrigala Kayem Para	19	0.017
84	107	Arabinda Nagar 2	Arabinda Nagar 2	11	0.025
85	109	Kalipur Koley Para	Kalipur Koley Para	19	0.047
86	110	Bibekananda Para	Bibekananda Para	9	0.024
87	111	Gayen Para	Gayen Para	12	0.044
88	113	Malick Para	Malick Para	12	0.037
89	115	Adarsha Nagar	Adarsha Nagar	12	0.046
90	117	R.K.B.T Kadamtala	R.K.B.T Kadamtala	21	0.042
91	118	R.K.B.T. Tentultala	R.K.B.T. Tentultala	21	0.034
92	119	Ram Krishna Para	Ram Krishna Para	16	0.048
93	122	Sk. Para- Kath Gola	Sk. Para- Kath Gola	8	0.016
94	125	Rabindranagar Khalar Math	Rabindranagar Khalar Math	17	0.036

HFAPoA for Dankuni Municipality

Sl.No	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum (in sq.km.)
23	26	Bagpara (East)	Bagpara (East)	5	0.013
24	27	Bagpara (West)	Bagpara (West)	5	0.009
25	28	Bikash Nagar	Bikash Nagar	5	0.005
26	29	Ramkrishna Pally	Ramkrishna Pally	5	0.027
27	30	Gobra Station Bazar	Gobra Station Bazar	5	0.036
28	31	Chaina Para & Mondal Para	Chaina Para & Mondal Para	6	0.051
29	32	Ghosh Para	Ghosh Para	5	0.013
30	34	Patsaiat Paschim Para	Patsaiat Paschim Para	6 & 7	0.017
31	35	Patsaiat Molla Para	Patsaiat Molla Para	7	0.026
32	36	Pathsaiaat Madya Para	Pathsaiaat Madya Para	7	0.043
33	37	Patsaiat Purba Para	Patsaiat Purba Para	7	0.042
34	38	Mallick Para	Mallick Para	7	0.059
35	39	Laskar Para	Laskar Para	8	0.015
36	41	Bibekananda Pally & Gobra Ruidas Para	Bibekananda Pally & Gobra Ruidas Para	6	0.048
37	42	Gobra Dakshin Para	Gobra Dakshin Para	6 & 18	0.027
38	43	Gobra Santra Para	Gobra Santra Para	6	0.009
39	44	Kalipur Mahishal Para	Kalipur Mahishal Para	18	0.018
40	45	Kalipur Mai Para	Kalipur Mal Para	19	0.010
41	46	Mrigala Mal Para	Mrigala Mal Para	19	0.020
42	47	Kalipur Buno Para	Kalipur Buno Para	19	0.018
43	49	Part of Mrigala Mallick Para	Part of Mrigala Mallick Para	19	0.034
44	50	Rabindra Nagar	Rabindra Nagar	17	0.029
45	51	Nandan Kanan	Nandan Kanan	17	0.220
46	53	Monaharpur,Roy Para, Rail Gate	Monaharpur,Roy Para, Rail Gate	16	0.090
47	54	Monaharpur Baishali Pally	Monaharpur Baishali Pally	16	0.027
48	55	Malik Para-Sekh Para	Malik Para-Sekh Para	8	0.071
49	56	New Ramkrishna Pally	New Ramkrishna Pally	8 & 9	0.072
50	57	Taltala	Taltala	8	0.014
51	58	Malik Para	Malik Para	9	0.017
52	59	Dewan Para	Dewan Para	9	0.017
53	60	Arabinda Nagar 1	Arabinda Nagar 1	10	0.056
54	61	Sukanta Pally	Sukanta Pally	12	0.037
55	62	Khudiram Pally	Khudiram Pally	11	0.051
56	63	Bonder Bill	Bonder Bill	12	0.032
57	64	Chaituya Para	Chaituya Para	12	0.015
58	65	Delhi Road-PWD Colony	Delhi Road-PWD Colony	13	0.038
59	66	Hazra Para	Hazra Para	13	0.019

HFAPoA for Dankuni Municipality

List of slums and non slum areas of Dankuni Municipality

Sl.No	Slum Code No	Name of the Slum	Location/Address	Ward No	Area of Slum (in sq.km.)
1	1	Thanthaniya Para	Thanthaniya Para	1	0.074
2	2	Hedor Para	Hedor Para	1	0.118
3	3	Mondal Para	Mondal Para	1	0.028
4	4	Sarkar Para	Sarkar Para	1	0.012
5	6	Satghara	Satghara	1	0.094
6	7	Chandighar	Chandighar	2	0.060
7	8	Kharial Muslim Para	Kharial Muslim Para	2	0.026
8	9	Santra Para	Santra Para	2	0.002
9	10	Kharial Bazar	Kharial Bazar	2	0.022
10	11	Pardankuni Muslim Para	Pardankuni Muslim Para	2	0.052
11	12	Majhi Para - 2	Majhi Para - 2	2	0.037
12	13	Ghorui Para	Ghorui Para	2	0.050
13	14	Maitry Para	Maitry Para	3	0.077
14	15	Panchanantala Delhi road Slum	Panchanantala Delhi road Slum	3	0.097
15	16	Bag Para	Bag Para	3	0.062
16	17	Kashi Para & Sarkar Para	Kashi Para & Sarkar Para	3	0.057
17	18	Chakundi Majhi Para	Chakundi Majhi Para	3	0.025
18	19	Akan Para	Akan Para	4	0.081
19	20	Sk Para	Sk Para	4	0.116
20	21	Molla Para	Molla Para	4	0.214
21	23	Akdanga Dakhin Para	Akdanga Dakhin Para	4	0.049
22	24	Aagdanga Uttarpara	Aagdanga Uttarpara	4	0.063

Personal Details:

- Date of Birth : 11th Nov.,1991
- Nationality : Indian
- Gender : Male
- Language Known : Hindi, English
- Marital Status : Unmarried

Specialization:

MAJOR - HUMAN RESOURCE MANAGEMENT

MINOR - FINANCE MANAGEMENT

Declaration:

I hereby declare that all the information mentioned here are true and verifiable at any point of time.

Place -

Date -

Signature

JOB PROFILE:

- Create Team
- Handle Customers

Internship:

- Industrial Training in HR at Bokaro Steel Plant, Bokaro for 45 days.

Computer Proficiency :

- Knowledge of Operating System like Window XP
- Well versed with internet & e-mail.
- Application of software packages (word/excel/PowerPoint)

Achievements and Awards:

- Member of Management's Student Association (MSA) in GGSETC of Bokaro.
- Certificate for presentation on 'Swarved yatra'.
- Certificate for 2 Yrs. In Motivational Talk.

Personal Interest:

- Writing
- Touring

Key Skills:

- Optimistic
- Team Player
- Dedicated

HFAPoA for Dankuni Municipality

8. Approach Road/Lane/Constructed Path to Slum	Motorable Pucca
9.Distance from the nearest Motorable road	LESS THAN 0.5 KMS-1
10.Internal Road	Motorable Pucca
11.Whether Street light facility is available in the Slum	Yes

List of slum, non-slum with social infrastructure

Details of Social Infrastructure at a glance:

Sl.No	1
Slum Code No	1
Name of the Slum	Thanthaniya Para
Education & Social Infrastructure	
Pre-primary School	
Anganwadi under ICDS	2.0 to 5.0 kms
Municipal Pre-school	Not Available
Private Pre-school	Within the slum
Primary School	
Municipal Primary School	Not Available
State Government Primary School	Not Available
Private Primary School	Not Available
High School	
Municipal High School	Not Available
State Government High School	Not Available
Private High School	Not Available
Adult Education Centre	Not Available
Health Facilities	
Urban Health Post	Not Available
Primary Health Centre	Not Available
Government Hospital	Not Available
Maternity Centre	Not Available
Private Clinic	Not Available
Registered Medical Practitioner (RMP)	Not Available
Ayurvedic Doctor/Vaidya	Not Available
Social Development/Welfare	
Community Hall	Not Available
Livelihood/Production Centre	Not Available
Vocational Training/Training cum Production Centre	Not Available
Street Children Rehabilitation Centre	Not Available
Night Shelter	Not Available

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2. Connectivity to City-wide Strom-water Drainage Supply System	Data Not Entered
3. Connectivity to City-wide Sewerage System	Data Not Entered
4. Whether the slum is prone to flooding due to rains	Data Not Entered
5. Frequency of garbage Disposal	Data Not Entered
6. Arrangement for Global Disposal	Data Not Entered
7. Frequency of clearance open drains	Data Not Entered
8. Approach Road/Lane/Constructed Path to Slum	Non-Motorable Kaccha
9. Distance from the nearest Motorable road	MORE THAN 5.0 K.M.
10. Internal Road	Non-Motorable Kaccha
11. Whether Street light facility is available in the Slum	NO Electricity

Sl.No	95
Slum Code No	128
Name of the Slum	Panchanantala
1. Connectivity to City-wide Water Supply System	
2. Connectivity to City-wide Strom-water Drainage Supply System	Data Not Entered
3. Connectivity to City-wide Sewerage System	Data Not Entered
4. Whether the slum is prone to flooding due to rains	Data Not Entered
5. Frequency of garbage Disposal	Data Not Entered
6. Arrangement for Global Disposal	Data Not Entered
7. Frequency of clearance open drains	Data Not Entered
8. Approach Road/Lane/Constructed Path to Slum	Non-Motorable Kaccha
9. Distance from the nearest Motorable road	MORE THAN 5.0 K.M.
10. Internal Road	Non-Motorable Kaccha
11. Whether Street light facility is available in the Slum	NO Electricity

Sl.No	96
Slum Code No	NON SLUM
Name of the Slum	NON SLUM
1. Connectivity to City-wide Water Supply System	PRIVATE & RAILWAY
2. Connectivity to City-wide Strom-water Drainage Supply System	Partially Connected
3. Connectivity to City-wide Sewerage System	Not Connected
4. Whether the slum is prone to flooding due to rains	Not prone
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Daily

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Sl.No	92
Slum Code No	119
Name of the Slum	Ram Krishna Para
1. Connectivity to City-wide Water Supply System	PRIVATE
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially Connected
3. Connectivity to City-wide Sewerage System	Not Connected
4. Whether the slum is prone to flooding due to rains	Not prone
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in a week
8. Approach Road/Lane/Constructed Path to Slum	Non-Motorable Pucca
9. Distance from the nearest Motorable road	LESS THAN 0.5 KMS- 1
10. Internal Road	Non-Motorable Kaccha
11. Whether Street light facility is available in the Slum	Yes

Sl.No	93
Slum Code No	122
Name of the Slum	Sk. Para- Kath Gola
1. Connectivity to City-wide Water Supply System	PRIVATE
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially Connected
3. Connectivity to City-wide Sewerage System	Not Connected
4. Whether the slum is prone to flooding due to rains	Not prone
5. Frequency of garbage Disposal	Once in 2 days
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	No collection
8. Approach Road/Lane/Constructed Path to Slum	Non-Motorable Pucca
9. Distance from the nearest Motorable road	LESS THAN 0.5 KMS- 1
10. Internal Road	Non-Motorable Kaccha
11. Whether Street light facility is available in the Slum	Yes

Sl.No	94
Slum Code No	125
Name of the Slum	Rabindranagar Khalar Math
1. Connectivity to City-wide Water Supply System	

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8. Approach Road/Lane/Constructed Path to Slum	Non-Motorable Pucca
9.Distance from the nearest Motorable road	LESS THAN 0.5 KMS-1
10.Internal Road	Non-Motorable Pucca
11.Whether Street light facility is available in the Slum	Yes

Sl.No	90
Slum Code No	117
Name of the Slum	R.K.B.T Kadamtala
1. Connectivity to City-wide Water Supply System	PRIVATE
2. Connectivity to City-wide Strom-water Drainage Supply System	Not Connected
3. Connectivity to City-wide Sewerage System	Not Connected
4.Whether the slum is prone to flooding due to rains	Not prone
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 15 days
8. Approach Road/Lane/Constructed Path to Slum	Non-Motorable Pucca
9.Distance from the nearest Motorable road	LESS THAN 0.5 KMS- 1
10.Internal Road	Non-Motorable Kaccha
11.Whether Street light facility is available in the Slum	Yes

Sl.No	91
Slum Code No	118
Name of the Slum	R.K.B.T. Tentultala
1. Connectivity to City-wide Water Supply System	PRIVATE
2. Connectivity to City-wide Strom-water Drainage Supply System	Not Connected
3. Connectivity to City-wide Sewerage System	Not Connected
4.Whether the slum is prone to flooding due to rains	Not prone
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 15 days
8. Approach Road/Lane/Constructed Path to Slum	Non-Motorable Pucca
9.Distance from the nearest Motorable road	LESS THAN 0.5 KMS- 1
10.Internal Road	Non-Motorable Kaccha
11.Whether Street light facility is available in the Slum	Yes

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2. Connectivity to City-wide Strom-water Drainage Supply System	Not Connected
3. Connectivity to City-wide Sewerage System	Data Not Entered
4. Whether the slum is prone to flooding due to rains	Not prone
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 15 days
8. Approach Road/Lane/Constructed Path to Slum	Non-Motorable Pucca
9. Distance from the nearest Motorable road	LESS THAN 0.5 KMS-1
10. Internal Road	Non-Motorable Pucca
11. Whether Street light facility is available in the Slum	Yes

Sl.No	88
Slum Code No	113
Name of the Slum	Malick Para
1. Connectivity to City-wide Water Supply System	PRIVATE
2. Connectivity to City-wide Strom-water Drainage Supply System	Data Not Entered
3. Connectivity to City-wide Sewerage System	Data Not Entered
4. Whether the slum is prone to flooding due to rains	Data Not Entered
5. Frequency of garbage Disposal	Data Not Entered
6. Arrangement for Global Disposal	Data Not Entered
7. Frequency of clearance open drains	Data Not Entered
8. Approach Road/Lane/Constructed Path to Slum	Non-Motorable Kaccha
9. Distance from the nearest Motorable road	MORE THAN 5.0 K.M.
10. Internal Road	Non-Motorable Kaccha
11. Whether Street light facility is available in the Slum	NO Electricity

Sl.No	89
Slum Code No	115
Name of the Slum	Adarsha Nagar
1. Connectivity to City-wide Water Supply System	PRIVATE
2. Connectivity to City-wide Strom-water Drainage Supply System	Not Connected
3. Connectivity to City-wide Sewerage System	Not Connected
4. Whether the slum is prone to flooding due to rains	Not prone
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 15 days

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11. Whether Street light facility is available in the Slum	Yes
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Sl.No	85
Slum Code No	109
Name of the Slum	Kalipur Koley Para
1. Connectivity to City-wide Water Supply System	PRIVATE
2. Connectivity to City-wide Storm-water Drainage Supply System	Partially Connected
3. Connectivity to City-wide Sewerage System	Not Connected
4. Whether the slum is prone to flooding due to rains	Not prone
5. Frequency of garbage Disposal	Once in a week
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 15 days
8. Approach Road/Lane/Constructed Path to Slum	Motorable Kaccha
9. Distance from the nearest Motorable road	LESS THAN 0.5 KMS-1
10. Internal Road	Non-Motorable Kaccha
11. Whether Street light facility is available in the Slum	Yes

Sl.No	86
Slum Code No	110
Name of the Slum	Bibekananda Para
1. Connectivity to City-wide Water Supply System	PRIVATE
2. Connectivity to City-wide Storm-water Drainage Supply System	Not Connected
3. Connectivity to City-wide Sewerage System	Data Not Entered
4. Whether the slum is prone to flooding due to rains	Not prone
5. Frequency of garbage Disposal	Daily
6. Arrangement for Global Disposal	Municipal staff
7. Frequency of clearance open drains	Once in 15 days
8. Approach Road/Lane/Constructed Path to Slum	Non-Motorable Kaccha
9. Distance from the nearest Motorable road	LESS THAN 0.5 KMS-1
10. Internal Road	Non-Motorable Kaccha
11. Whether Street light facility is available in the Slum	Yes

Sl.No	87
Slum Code No	111
Name of the Slum	Gayen Para
1. Connectivity to City-wide Water Supply System	PRIVATE