

**DETAILS**  
**PROJECT**  
**REPORT (D.P.R)**



**KANDI MUNICIPALITY**

**Detailed Project Report for Construction of 1000 EWS Houses under  
BLC mode of Pradhan Mantri Awas Yojana (PMAY)-HFA (U) for  
Kandi Municipality.**

**2019-20**



**Submitted by:**

**Kandi Municipality**

**District- Murshidabad**

**West Bengal**



## PREFACE

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

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

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

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## Introductory Note by Chairperson / Mayor

Kandi Municipality under the able political leadership and with the restructured administrative support aims at transforming itself in such a way as to be able to usher in a change in living conditions and quality of life of the citizens in general, and the people living below poverty line in particular. Our aim is to ensure balanced growth through prioritization of projects and mobilization of available financial and human resources to achieve pro-poor, transparent and effective urban development and good governance, and thus providing all our citizens with a safe living environ, all youth gainful employment, and business, houses and entrepreneurs, both existing and prospective, a favorable environment for their investment, to achieve over the next 5-10 years period an environmentally and economically vibrant urban life.

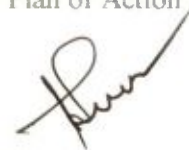
Kandi Municipality is the oldest one in the district of Murshidabad. It is about 30 KMs in a south-west direction from Behrampore and it lies at 23° 58' north Latitude 88° 47' east Longitude. Kandi town ship was conferred the status of Municipality in the year 1869. It is also the oldest sub-divisional town. It presently consists of 18 municipal wards covering 12.97 sq. km.

Kandi Municipality with the active cooperation of citizen for last so many years has grown up as capable and robust institute for effective service delivery and better governance. During these years the shape and the socio-cultural atmosphere of the Municipality has changed to unimaginable extent. And gradually it too has imbibed the spirit of contemporary civilization of 21<sup>st</sup> century and got acquainted with the sphere of Modernization, Industrialization and Globalization.

Today Kandi is in the process of preparing the Housing For All Plan of Action (HFAPoA). In the last 5 years, with the help of the people, we have tried to address the problems of urban poor & slums keeping the aspirations of people and development objectives and targets in mind. At some point we have been successful in realizing the dreams of the people while in others we were not. Preparation of **Housing For All Plan of Action** along with, its implementation and monitoring opened a new challenge to us – the challenge of providing all basic services to all poor people and ensuring equitable socio-economic development of the people of Kandi.

Development is not a one point agenda. With the complex social, political and economic situation it is indeed a daunting task. However we believe that we are progressing in the right direction with the support of Government of West Bengal and Ministry of Housing and Urban Poverty Alleviation, Government of India we will be able to achieve the desired objectives.

It is an honour and privilege to present before the people of Kandi, the 1<sup>st</sup> Housing For All Plan of Action which offers to provide development of all slums and ensure that new slums do not come up and thereby developing Kandi into a vibrant economy. Learning from the past we look forward towards achieving long term benefits, perspectives and convergences rather than short term goals. The Housing For All Plan of Action has been prepared and we look forward for a great future.



Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY

## Abbreviations

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

## Working Definitions

Affordable Housing Project	Housing projects where 35% of the houses are constructed for EWS category
Beneficiary	A beneficiary family will comprise husband, wife and unmarried children. The beneficiary family should not own a pucca house (an all weather dwelling unit) either in his/her name or in the name of any member of his/her family in any part of India.
Carpet Area	Area enclosed within the walls, actual area to lay the carpet. This area does not include the thickness of the inner walls
Central Nodal Agencies	Nodal Agencies identified by Ministry for the purposes of implementation of Credit linked subsidy component of the mission
Economically Weaker Section (EWS):	EWS households are defined as households having an annual income up to Rs. 3,00,000 (Rupees Three Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.
EWS House	An all weather single unit or a unit in a multi-storeyed super structure having carpet area of upto 30 sq. m. with adequate basic civic services and infrastructure services like toilet, water, electricity etc. States can determine the area of EWS as per their local needs with information to Ministry.
"Floor Area Ratio" (FAR)/FSI	The quotient obtained by dividing the total covered area (plinth area) on all the floors by the area of the plot $FAR = \frac{\text{Total covered area on all the floors} \times 100}{\text{Plot area}}$ <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, Housing Boards etc. which are selected by State Government/SLSMC for implementing Housing for All Mission.
Low Income Group (LIG):	LIG households are defined as households having an annual income between Rs.3,00,001 (Rupees Three Lakhs One) up to Rs.6,00,000 (Rupees Six Lakhs). States/UTs shall have the flexibility to redefine the annual income criteria as per local conditions in consultation with the Centre.
Primary Lending Institutions (PLI)	Scheduled Commercial Banks, Housing Finance Companies, Regional Rural Banks (RRBs), State Cooperative Banks, Urban Cooperative Banks or any other institutions as may be identified by the Ministry
Slum	A compact area of at least 300 population or about 60-70 households of poorly built congested tenements, in unhygienic environment usually with inadequate infrastructure and lacking in proper sanitary and drinking water facilities.
State Land Nodal Agencies (SLNAs)	Nodal Agency designated by the State Governments for implementing the Mission
Transfer of Development Rights (TDR)	TDR means making available certain amount of additional built up area in lieu of the area relinquished or surrendered by the owner of the land, so that he can use extra built up area himself in some other land.



**Annexure 7C**  
**(Para 14.5 of the Guidelines)**  
**Format for Project under Beneficiary Led Construction Or Enhancement**

1	Name of the State:	:	West Bengal						
2	Name of the District:	:	Murshidabad						
3	Name of the City:	:	Kandi						
4	Project Name:	:	HFA-KANDI 2019-2020						
5	Project Code:	:	19801661044NO						
6	State Level Nodal Agency:	:	State Urban Development Agency (SUDA)						
7	Implementing Agency/ ULB	:	Kandi Municipality						
8	Date of Approval by State Level Sanctioning and Monitoring Committee (SLSMC)	:							
9	No. of location covered in project: No of Slum Area Covered & No of Non Slum Area Covered	:	Name of Location	No. of beneficiaries	Whether Slum / Non-Slum	If Slum, then Slum type	If slum, whether it gets completely rehabilitated		
		:	Kandi Municipal Area	1000	Covering both Slum & Non-Slum area	Notified	No		
10	Project Cost (Rs. In Lakhs)	:	3,643.20						
11	No. of beneficiaries covered in the project	:	GEN	SC	ST	OBC	Total	Minority	Person with Disability
		:	584	301	2	115	1000	215	0
12	Whether beneficiary have been selected as PMAY Guidelines?	:	Yes						
13	No. of Houses constructed / acquired. Please specify ownership (Any of these)	:	Joint	Female	Male	Transgender			
		:	180	234	766	0			
14	No. of beneficiaries covered in the project	:	Male	Female	Transgender				
		:	766	234	0				
15	Whether it has been ensured that selected beneficiaries have rightful ownership of the land ?	:	Yes						
16	Whether building plan for all houses have been Approved?	:	Yes						
17	i. GoI grant required (Rs. 1.5 lakh per eligible beneficiary) (Rs. in Lakhs)	:	1,500.00						

	ii. State grant, (Rs. in Lakhs)	:	2114.00
	iii. ULB grant (Rs. in Lakhs)	:	184.00
	iv. Beneficiary Share (Rs. in Lakhs)	:	250.00
	v. Total (Rs. in Lakhs)	:	4048.00
18	Whether technical specification / design for housing have been ensured as per Indian Standards / NBC/ State Norms?	:	Yes
19	Whether it has been ensured that balance cost of construction is tied up with State Grant, ULB Grant & Beneficiary Share ?	:	Yes
	Whether trunk and line infrastructure is existing or being provisioned ?	:	
	i. Water Supply	:	Yes
	ii. Sewerage	:	No
	iii. Road	:	Yes
	iv. Storm Water Drain	:	No
	v. External Electrification	:	Yes
	vi. Solid Waste Management	:	No
	vii. Any Other	:	NA
	viii. In case, any infrastructure has not been proposed, reason thereof.	:	NA
20	Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation of the project ?	:	Yes
21	Whether Demand Survey Completed for entire city ?	:	Yes
22	Whether City-wide integrated project have been formulated ? If not reasons thereof ?	:	Yes
23	Whether validation with SECC data for housing condition conducted ?	:	Yes
24	Whether Direct Benefit Transfer (DBT) of fund to individual bank account of beneficiary ensured in the project ?	:	Yes
25	Whether there is provision in DPR for tracking/monitoring the progress of individual houses through geo-tagged photographs ?	:	Yes

26	Whether any innovation/cost effective / Green technology adopted in the project?	Yes
27	Comments of SLAC after techno economic appraisal of DPR	Project covers the most needy beneficiaries
28	Project brief including any other information ULB/State would like to furnish	The project covers all wards
29	Project Submission Date to SLSCM	

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

Signature of the  
Administrator/Mayor/ Chairman,  
Kandi Municipality  
KANDI MUNICIPALITY

Signature

Chief Engineer  
M.E Dte.GoWB

Signature

Director,SUDA

Signature

Secretary,UD & MA Department,GoWB

## 1. Introduction

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.

"Housing for All" Mission for urban area will be implemented during 2015-2022 and this Mission will provide central assistance to implementing agencies through States and UTs for providing houses to all eligible families/beneficiaries by 2022.

Mission will be implemented as Centrally Sponsored Scheme (CSS) except for the component of credit linked subsidy which will be implemented as a Central Sector Scheme.

A beneficiary family will comprise husband, wife, unmarried sons and/or unmarried daughters. The beneficiary family should not own a pucca house either in his/her name or in the name of any member of his/her family in any part of India to be eligible to receive central assistance under the mission.

States/UTs, at their discretion, may decide a cut-off date on which beneficiaries need to be resident of that urban area for being eligible to take benefits under the scheme.

Mission with all its component has become effective from the date 17.06.2015 and will be implemented upto 31.03.2022.

### The Focus Area

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

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

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

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

### Background

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

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

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

### **1.1 National Missions for Slum Development and Poverty Reduction**

- i. The Government of India is committed to creating a slum free India as part of the Jawaharlal Nehru National Urban Renewal Mission (JNNURM) sub mission on Basic Services for the Urban Poor (BSUP). More recently it has also launched the Pradhan Mantri Awas Yojana (PMAY) for providing Housing for All (HFA) by 2022 when the Nation Complete 75 years of its independence.
- ii. **Jawaharlal Nehru National Urban Renewal Mission (JNNURM)** : JNNURM is a reform-linked urban development and slum upgrading program. Under JNNURM, the Government of India has been providing central assistance to 65 metro and large cities to invest in infrastructure improvements with governance reforms under sub mission on Urban Development.
- iii. **Swarna Jayanti Shahri Rozgar Yojana (SJSRY)** : SJSRY is a centrally sponsored program and it mainly emphasizes on the poverty reduction through employment generation. Main target groups of the program are: Urban poor, Women, SC/ST, Disabled etc.

iv. **National Slum Development Program (NSDP):** NSDP is a centrally assisted slum development program. NSDP is mainly for improvement in the environment in the slums as a broader objective through provision of infrastructure facilities and shelter for improving living conditions in the slums.

v. **Integrated housing and slum development program (IHSDP):** IHSDP was under Jawaharlal Nehru Urban Renewal Mission (JNNURM) beginning from the year 2005-2006. The major objectives for the IHSDP program are:-

- ☐ Focussed attention to integrated development of basic services to the poor. The basic services include security of tenure at affordable price, improving housing, water supply and sanitation.
- ☐ Secure effective linkages between asset creation and asset management so that the basic services to the urban poor created in the cities, are not only maintained efficiently but also become self sustaining over time.

To give pucca house for every family is currently on the global agenda. One of the Millennium Development Goals (MDGs) is to 'achieve significant improvement in the lives of slum dwellers, by 2022'. Similar goals are set forth by Pradhan Mantri Awas Yojana in 2022, to create pucca house for every family.

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

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

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

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

### **HFAPoA and Pradhan Mantri Awas Yojana (Housing for All)**

To give pucca house for every family is currently on the global agenda. One of the Millennium Development Goals (MDGs) is to 'achieve significant improvement in the lives of slum dwellers, by 2022'. Similar goals are set forth by Pradhan Mantri Awas Yojana within year 2022, to create pucca house for every family.

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

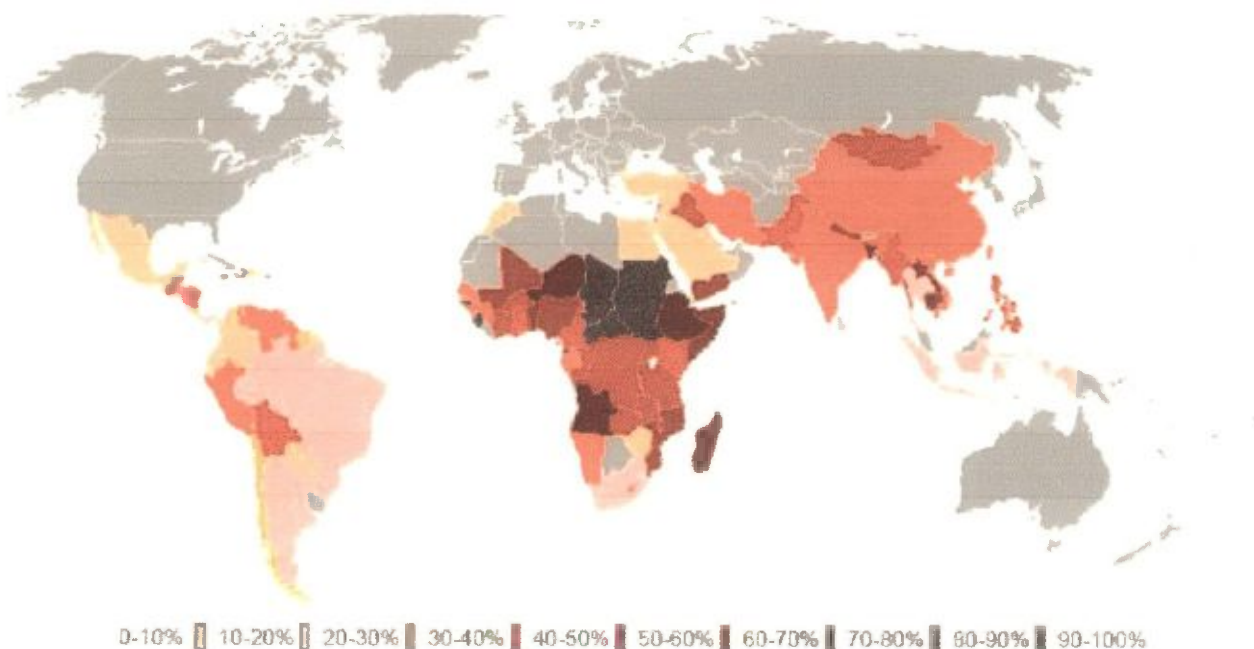
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Cities which have already prepared Slum Free City Plan of Action (SFCPoA) or any other housing plan with data on housing, utilise the existing plan and data for preparing "Housing for All Plan of Action" (HFAPoA). Houses constructed under various schemes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

Urban Population Living in Slums and the Indian Scenario (source: UN-HABITAT)





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

- a. Survey of all slums – notified and non-notified;
- b. Mapping of slums using the state-of-art technology;
- c. Integration of geo-spatial and socio-economic data; and
- d. Identification of development model proposed for each slum.

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

mobilization to pick as many canvassers from the sourced slum or nearby slum pockets;

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

### ***Introduction to Pradhan Mantri Awas Yojana (PMAY)***

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

- Bringing existing slums within the formal system and enabling them to avail of the same level of basic amenities as the rest of the town.
- Redressing the failures of the formal system that lie behind the creation of slums.
- Tackling the shortages of urban land and housing that keep shelter out of reach of the urban poor and force them to resort to extra-legal solutions in a bid to retain their sources of livelihood and employment.
- Enactment of a set of reforms at the state and city level related to inclusive planning, regulation and financing, which would

ensure that adequate fresh housing stock and services get created on an ongoing basis to address both current and future needs of cities.

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

### ***The duration of Pradhan Mantri Awas Yojana [PMAY]***

***2015 TO 2022***

### ***Eligible Components of the PMAY:***

#### ***Allotment of Houses***

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

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

Following infrastructure will be considered for support under PMAY:

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

### **Need for Projects**

This development project models will give benefits in the city . One of the key objectives of developing the Projects is to incentivize innovation and encourage new

approaches and solutions that can demonstrably improve the quality and quantity of shelter and services for the poor.

Such innovation could encompass:

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

## **Aims and Objectives**

### **Vision**

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

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

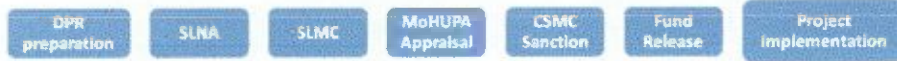
### **Objectives**

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

- ❑ Integrated development of all existing slums, notified or non-notified, i.e., development of infrastructure and housing in the slums/rehabilitation colonies for the slum dwellers/urban poor, including rental housing.
- ❑ Development/improvement/maintenance of basic services to the urban

poor, including water supply, sewerage, drainage, solid waste management, approach and internal road, street lighting.

- The Creation of affordable housing stock, including rental housing with the provision of civic infrastructure and services, on ownership.
- Encouraging Public Private Partnership by having pay and use toilets and educate the slum dwellers for keeping the environment clean and hygienic.



The nodal ministry and National Mission Director is Ministry of Housing & Urban Poverty Alleviation, Government of India.

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

### Funding Pattern of PMAY

Funding pattern for PMAY(Housing for all)

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

### Approvals & Release of Funds

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

released in three installment of 40%,40% and 20% each.

## Project Cost and Financing Strategy

### For Dwelling Unit

Total no of Dwelling unit = 2022Nos

Rate per Dwelling unit = 3.68 Lakhs

Total Cost of Dwelling unit = 2022 x 3.68 = 7440.96 Lakhs

Central Share = 2022 x 1.5 Lakhs = 3033.00 Lakhs

State Share = 2022 x 1.93 Lakhs = 3902.46 Lakhs

Beneficiary Share = 2022 x 0.25 Lakhs = 505.50 Lakhs

ULB Share = NIL

### For Infrastructure

10 % of total Dwelling unit cost = 7440.96 Lakhs x 10% = 744.096Lakhs

Central Share = NIL

State Share = 50% x 744.096 Lakhs = 372.048Lakhs

Beneficiary Share = NIL

ULB Share = 50% x 744.096 Lakhs = 372.048 Lakhs

The total project cost will be 81.85 crores

Out of these 81.85 Crores is the cost of Housing Infrastructure. The following table shows the share of cost between housing infrastructure & Physical Infrastructure.

Table: Cost Break up between Housing & Infrastructure

SINo.	Component	Cost on Lakhs
1.	Housing Cost(2022)Dwelling Units)	7440.96
2.	Infrastructure Cost	744.096
	<b>Total</b>	<b>8185.056</b>

### Materials of construction:

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

### Definition of Slum for Housing

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

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

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

### **Situation Appraisal**

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

### **Proposed Intervention**

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

### **Building Plan**

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

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

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

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

### Building material

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

### Structural Design

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

### Design data

- Live load: 2.0 kN/m<sup>2</sup> at typical floor
- 1.5 kN/m<sup>2</sup> on terrace (With Access) : 0.75 kN/m<sup>2</sup> on terrace (without Access)
- Floor finish 50mm (0.05\*24) = : 1.2 kN/m<sup>2</sup>
- Ceiling plaster 12mm (0.012\*20.8) : 0.25 kN/m<sup>2</sup>
- Partition walls (Wherever Necessary) : 1.0 kN/m<sup>2</sup>
- Terrace finish: 1.5 kN/m<sup>2</sup>
- Earthquake load: As per IS-1893 (Part 1) - 2002
- Depth of foundation below ground: ,0.7 m
- Walls: 250 mm thick brick masonry walls at external and 125mm walls internal.

### Reference codes:

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



## **Need for Projects**

The projects are needed to fully understand and develop redevelopment models that can be replicated in the city with benefits. One of the key objectives of developing The Projects is to incentivize innovation and encourage new approaches and solutions that can demonstrably improve the quality and quantity of shelter and services for the poor.

Such innovation could encompass:

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

## **Vision & Objectives**

### **Vision**

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

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

## Objectives

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

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

### **1.2 State PMAY Mission Director**

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

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

### **Funding Pattern of PMAY**

Support from Central Government shall include -

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

- Cost of capacity building 5 % of sum total cost of dwelling unit

### Approvals & Release of Funds

- Releases and approvals to be on the basis of DPRs which need to be submitted with approval of State Level Sanctioning and Monitoring Committee
- Innovative projects to be considered for sanction even in the preparatory stage
- Central Funds to be released in 3 installments to the State Governments/SLNA; central assistance under different components will be released to the state / UTs after the approval of CSMC and with concurrence of the integrated Financial Division of the Ministry. Central share would be released in 3 installment of 40%,40% and 20% each.

### 1.3 Coverage and Duration

All 4041 statutory towns as per Census 2011 with focus on 500 Class I cities would be covered in three phases as follows: Phase I (April 2015 - March 2017) to cover 100 Cities selected from States/UTs as per their willingness. Phase II (April 2017 - March 2019) to cover additional 200 Cities Phase III (April 2019 - March 2022) to cover all other remaining Cities Ministry, however, will have flexibility regarding inclusion of additional cities in earlier phases in case there is a resource backed demand from States/UTs.

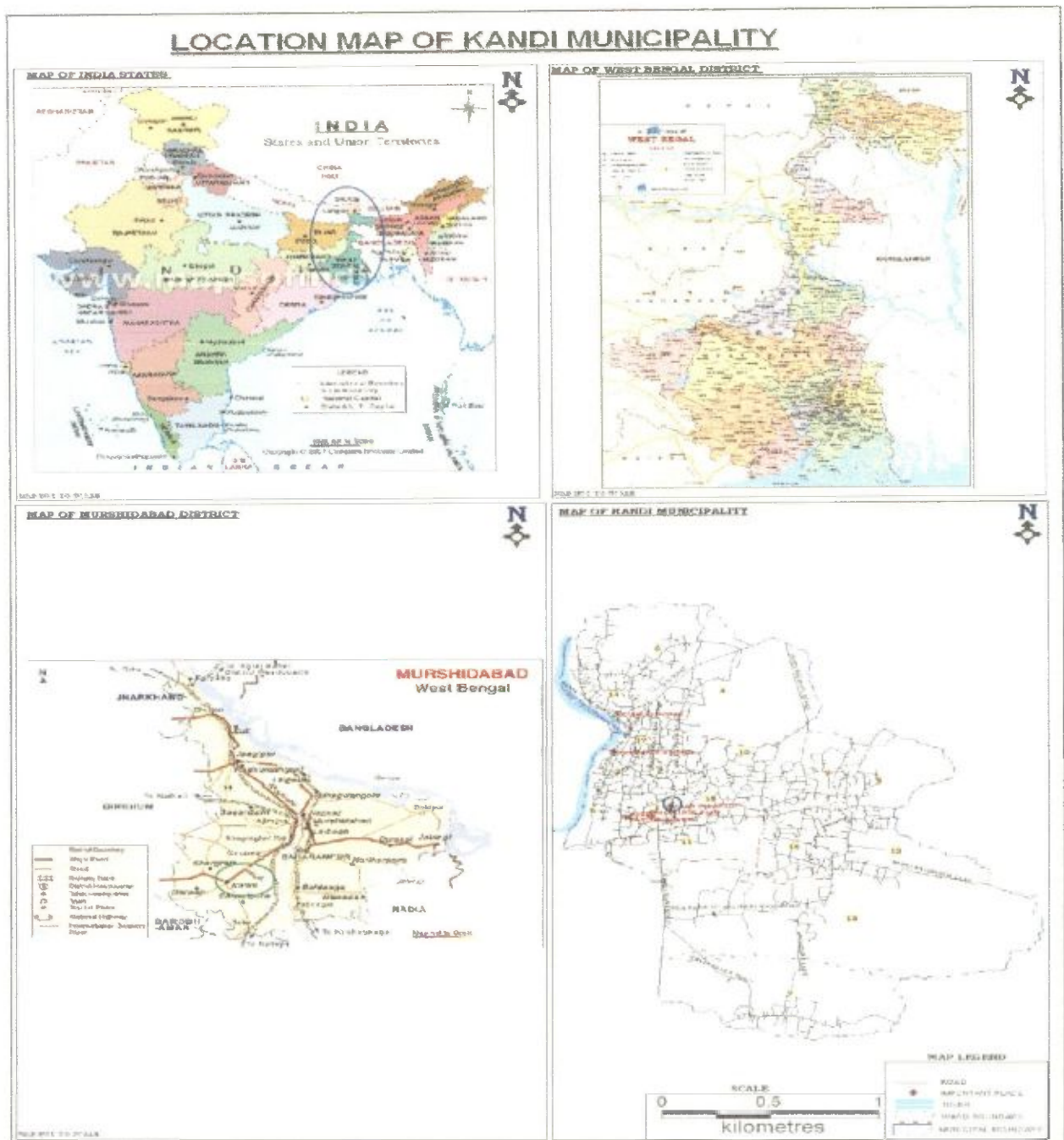
The mission will support construction of houses upto 30 square meter carpet area with basic civic infrastructure. States/UTs will have flexibility in terms of determining the size of house and other facilities at the state level in consultation with the Ministry but without any enhanced financial assistance from Centre. Slum redevelopment projects and Affordable Housing projects in partnership should have basic civic infrastructure like water, sanitation, sewerage, road, electricity etc. ULB should ensure that individual houses under credit linked interest subsidy and beneficiary led construction should have provision for these basic civic services.

The minimum size of houses constructed under the mission under each component should conform to the standards provided in National Building Code (NBC). If available area of land, however, does not permit building of such minimum size of houses as per NBC and if beneficiary consent is available for reduced size of house, a suitable decision on area may be taken by State/UTs with the approval of SLSMC. All houses built or expanded under the

The houses under the mission should be designed and constructed to meet the requirements of structural safety against earthquake, flood, cyclone, landslides etc. conforming to the National Building Code and other relevant Bureau of Indian Standards (BIS) codes.

The houses constructed/acquired with central assistance under the mission should be in the name of the female head of the household or in the joint name of the male head of the household and his wife, and only in cases when there is no adult female member in the family, the house can be in the name of male member of the household.

State/UT Government and Implementing Agencies should encourage formation of associations of beneficiaries under the scheme like RWA etc. to take care of maintenance of houses being built under the mission.



## 2. Scope

“Housing for All” Mission for urban area will be implemented during 2015-2022 and this Mission will provide central assistance to implementing agencies through States and UTs for providing houses to all eligible families/beneficiaries by 2022.

Mission will be implemented as Centrally Sponsored Scheme (CSS) except for the component of credit linked subsidy which will be implemented as a Central Sector Scheme.

A beneficiary family will comprise husband, wife, unmarried sons and/or unmarried daughters. The beneficiary family should not own a pucca house either in his/her name or in the name of any

member of his/her family in any part of India to be eligible to receive central assistance under the mission.

States/UTs, at their discretion, may decide a cut-off date on which beneficiaries need to be resident of that urban area for being eligible to take benefits under the scheme.

Mission with all its component has become effective from the date 17.06.2015 and will be implemented upto 31.03.2022.

## 2.1 STATUS

USING THE DETAIL HOUSEHOLD FROM USHA, THE DETAIL DEMAND SURVEY CONDUCTED WHICH REFLECTED ON THE HOUSING FOR ALL PLAN OF ACTION, AS THE MAIN FOCUS OF THE PROPOSED SCHEME IS TO UPLIFTMENT THE DWELLING CAPACITY AS WELL AS INFRASTRUCTURE DEVELOPEMENT OF SLUM DWELLERS ALSO THE WEAKER SECTION OF THE SOCIETY, SO IT IS MARKABLE PRESENT STATUS OF THE SURVEY REPORT THE PROJECT IS VIABLE TO ACHIVE THE OBJECT OF THE SCHEME.THE DETAILS STATUS ANALYSIS IS EXPLAINED IN RESPECTIVE SECTION.

### 3. Statement related to progress made in various central & state government projects in slum areas.

#### 3.1 ILCS PROGRAMME IN KANDI MUNICIPAL TOWN

**Kandi** Town has considered for inclusion of ILCS Programme as revised guide line, for development of the BPL and Weaker section of the society. As well as to upgrade the socio economic status of the localities by removing OPEN DEFECTION problem.

##### 3.1.1 Approval status of ILCS Unit of Kandi Municipality

In 1<sup>st</sup> term 600 unit has sanctioned for this town after proper survey out of 2354 nos House hold having no latrine in the year 2009-10.

##### 3.1.2 Implementation status

After sanctioning the project the SUDA CONCERN ALLOTTED FUND FOR 470 NOS OF UNIT,

**Execution:** - The ULB has completed 470 nos of unit successfully.

**Achievements of the ILCS Project (Revised) :-** 100% completed.

#### SWARNA JAYANTI SAHARI ROJGAR YOJANA (SJSRY)

**Name of the ULB: KANDI MUNICIPALITY, MURSHIDABAD.**

Swarna Jayanti Sahari Rojgar Yojana (SJSRY) programme was launched in this ULB from its inception period to upliftment of livelihood status of urban slum dwellers . IT was a poverty alleviation programme with a community structure groups by the slum women.

Target to covered slum population: '16602 (As per 2001)

**Status of below poverty level population (so far indentified under SJSRY PROJECT)**

General	SC	ST	FEMALE OUT OF TATAL	DISABLE
13589	5455	52	19096	1487

#### Community Structure

Nos of NHG	Nos of RCV	Nos of NHC	Nos. of registered CDS
149	149	19	02

#### 3.2 Progress and achievement of SJSRY programme

No of slum covered	Create assets	Covered by water supply	Brick road	Drainage	Micro enterprise business and bank loan	Skill development Training.	TC Group
42 nos	Community centre,community hall,community bath and need based slum development works.	20 nos SPORT SOURCE	22 km	3.5km	2560 nos women	225 nos women	102 nos formed

#### 3.3 IHSDP (Integrative housing and slum development programmer):-In KANDI MUNDI MUNICIPALITY.

IHSDP has launched in the 10<sup>th</sup> plan period with the objective of up gradation and development of physical urban infrastructure along with improvement of Basic Service for the urban poor as well as boosting the growth of the town of the State.

Kandi Municipality approved with the Project of IHSDP Under JnNNURM Phase – I during the year 2008-09 for 20 nos of slum pockets out of 63. Was taken for this project as PHASE -I. Areas of slum pockets covered 1.1488 sq KM. The physical schemes for this town were identified on the basis of preliminary assessment.

Approved project cost	Dwelling unit	ID
897.73 LAKHS	555 NOS Rs : 555.00 lakhs	Rs.342.73 lakhs

#### Achievements /Progress of the project as per DPR coverage with 20 nos slums out of 63 nos.

NAME OF THE SANCTIONED COMPONENT	PRESENT STATUS of progress
Dwelling units out of 555 nos	99.9% completed.
Physical Infrastructures in 20 slum	85% completed.
Social infrastructure	95 % completed
Rickshaw stand ( in the slum pockets where occupation of considerable nos of slum dwellers)	99.9% completed

All the dwelling units so approved handed over to the beneficiaries and the project is going to be completed very shortly.

### 3.5 Dwelling Scheme "HOUSING FOR URBAN POOR"

The scheme is sponsored by the Govt of West Bengal MA Department for covering the slum area which is not covering in IHSDP Project. After over all survey beneficiaries' were identified and approved by the BOC. The State urban agency is the overall implementing authority of such project.

Total Beneficiaries' Identified	Approved Unit	Executed by	Present status
1270 nos	120 nos	Beneficiaries' own	120 completed and handed over to the beneficiaries'.

Statement of Dwelling Unit constructed since 2009 to till duration.

IHSDP	HUP
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Sl No.	Ward No	Nos of DU CONSTRUCTED	Nos of DU CONSTRUCTED
1	1	45	10
2	2	20	10
3	3	20	10
4	4	20	10
5	5	20	10
6	6	65	13
7	7	34	10
8	8	28	12
9	9	30	10
10	10	35	10
11	11	23	10
12	12	35	12

Sl No.	Ward No	Nos of DU CONSTRUCTED	Nos of DU CONSTRUCTED
13	13	65	13
14	14	47	10
15	15	20	10
16	16	25	10
17	17	20	10
	<b>Total</b>	<b>552</b>	<b>180</b>

**BRGF (Back ward region grant fund)**

The project has been launched to bridge the critical gaps in the backward area of the municipality in SC/ST AND NON-SC/ST AREA. During last 2 years .

Name of the project	Implementing area	Population covered	Present status
Road facilities	ST/SC AREA	1250	2.5 KM COMPLETED
Sinking of tube wells 300x200 dia	ST area	2300	3 nos completed
Installation of cylinder tube well	ST/SC area	5700	25 nos installed.

**3.6 BRGF project : Project is ongoing and development under such project is continued.**

**KANDI WATER SUPPLY PROJECT**

Kandi Municipal town has included with the water supply project under UIDSSMT PROJECT OF InNURM programmee. All over Municipal area including slum areas will be covered in coverage of such project.per captia 135 LPCD with 24 hrs supply.



The overall view of such water supply project indicating the water supply system and its explanation is mention here.

### PROJECT AT A GLANCE

1.	<b>NAME OF TOWN</b>	:	Kandi
2.	<b>CATEGORY</b>	:	Municipality
3.	<b>STATE</b>	:	West Bengal
4.	<b>DISTRICT</b>	:	Murshidabad
5.	<b>ADMINISTRATIVE STATUS</b>	:	Sub-divisional town
6.	<b>POPULATION(2011 CENSUS)</b>	:	
	<b>ZONE I</b> (WARDNOs.1,5,9,10,11,15)	<b>BASE YEAR 2010</b>	: 22309
		<b>INTER YEAR 2025</b>	: 29507
		<b>FINAL YEAR 2040</b>	: 38421
	<b>ZONE II</b> (WARDNOs.2,3,4,6,14,17,18)	<b>BASE YEAR 2010</b>	: 20227
		<b>INTER YEAR 2025</b>	: 26752
		<b>FINAL YEAR 2040</b>	: 34834
	<b>ZONE III</b> (WARDNOs.7,8,12,13,16)	<b>BASE YEAR 2010</b>	: 17550
		<b>INTER YEAR 2025</b>	: 23212
		<b>FINAL YEAR 2040</b>	: 30224
	<b>TOTAL DESIGN POPULATION</b>		: 103479
7.	<b>DAILY DESIGN WATER DEMAND(Final Year)</b>		
	<b>ZONE I</b>		3.47 MLD
	<b>ZONE II</b>		3.15 MLD
	<b>ZONE III</b>		2.73 MLD
	<b>TOTAL OF ZONES I, II &amp;III</b>		9.35 MLD
8.	<b>PLANT CAPACITY</b>	:	<b>7.29 MLD</b>
9.	<b>PER CAPITA WATER SUPPLY</b>		
	<b>PRESENT</b>	:	17 lpcd
	<b>ENTIRE TOWN</b>	:	135 lpcd
10.	<b>SOURCE OF WATER</b>	:	<b>Surface water from river Bhagirathi(Ganga)</b>
11.	<b>HOURS OF PUMPING</b>		
	<b>FROM INTAKE WELL TO TREATMENT PLANT (TP) &amp; FROM TP TO CWR</b>	:	22 hours
	<b>FROM CWR TO OHRS</b>	:	22 hours
	<b>DISTRIBUTION FROM OHRS</b>	:	24 hours
12.	<b>CAPACITY OF RESERVOIRS</b>		
	<b>Clear Water UGR at Treatment Plant</b>	:	0.67 ML
	<b>OHR at Zone I</b>	:	0.39 ML
	<b>OHR at Zone II</b>	:	0.76 ML
	<b>OHR at Zone III</b>	:	0.66 ML
13.	<b>AGENCIES</b>		
	<b>IMPLEMENTING AGENCY</b>	:	Kandi Municipality under tech.guidance of MED.
	<b>O&amp; M</b>	:	Kandi Municipality
	<b>NODAL AGENCY</b>	:	State Urban Dev. Agency.

## **Section: 4 Salient features of HFAPoA and its linkage with proposed project and its justification**

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

Under this project there is a wide scope to provide shelter to the Kacha and semi-kacha dwellers and infrastructure development thereof. According to proper house to house demand survey priority taken from format report with a economic and social parameter as per national guidelines of PMAY. Priority list as per approve parameter and status of the same shown in Annexure:1.

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

Kandi Municipality selected the slum location and as per present dwelling status a scope of provision to construct new house and enhancement in unit. In connecting physical infrastructure some component of development work concrete road, bituminous road, and streetlight facilities.

#### **Water Supply**

In most of the slum there is a crisis of drinking water. Only in few slums piped water is provided presently, and rest of them mostly depend on hand tube wells as well as on the local ponds, which are mostly unhygienic.

#### **Sanitation**

This is one of the most important problems of the slum. All of the slum people are used to in open defecation which is very harmful to health and also to the environment.

#### **Drainage System**

In most of the slum the drainage network is not adequate. Some of the slum areas like Nowapara, Adirapara, Hablipara to name a few, are low and having water logging problems. The slums situated near the river bank, are flooded by the river water during the rainy season every year. The hutments destroys completely and the agricultural lands also affected by badly.

#### **Road**

The road network within the slum areas are mostly kucha in nature, which are very inconvenient to use for, especially during the rainy season the roads are affected very badly almost unusable for the slum dwellers. The conditions of the bituminous roads are also not satisfactory.

#### **Street Lighting**

Inadequate street lighting is one of the important problems of the slum areas. Almost 50% to 55% of the slum areas are suffering from the problem of inadequate street lighting.

**SWM**

The garbage of the slums has no specific place to gather. It scattered around the whole slum area here and there, spreading up environmental hazards over all the slum and adjoining areas.

**4.3 House type Structure**

Ward Number	Slum Code	Slum Name	Type of house based on Roof(Question no- 7 from demand Survey)	
			Semi-Pucca	Katcha
a	b	c	r	s
1	1	Mohonbagan (East)(S.C.-001)	28	34
1	2	Hazra Para (S.C.-002)	16	8
1	44	Mohon Bagan (West) (S.C.-044)	12	31
2	3	Bandhapukur(S.C.-003)	14	5
2	4	Kalabagan-Sirishtola(S.C.-004)	12	10
3	5	Boltala(S.C.-005)	4	4
3	45	Taramatala(S.C.-045)	4	2
3	46	Kurupara(S.C.-046)	14	0
4	6	Namukandi Muslima Para Dompara(S.C.-006)	2	22
4	7	Molla Para Ramsinghpar(S.C.-007)	6	10
4	8	Gopinathpur Konaipara(S.C.-008)	3	6
4	47	Ghoshpara(S.C.-047)	1	27
5	9	Puratanhat(S.C.-009)	42	65

			Type of house based on Roof(Question no- 7 from demand Survey)	
Ward Number	Slum Code	Slum Name	Semi-Pucca	Katcha
a	b	c	r	s
5	48	Mohanbagan-Baganpara(Slum)(S.C.-048)	24	57
6	10	Rajardighir Par(S.C.-010)	41	112
6	11	Chokupara(S.C.-011)	4	41
6	12	Adirapara(S.C.-012)	13	169
6	13	Taiarpar(S.C.-013)	5	58
7	14	Rasorah Bagdipara(S.C.-014)	9	45
7	15	Ghoshpara(West)(S.C.-015)	10	15
7	16	Rosora Paschimpara(S.C.-016)	20	76
7	49	Muchipara(S.C.-049)	6	24
8	17	Ghasipara(S.C.-017)	32	85

			Type of house based on Roof(Question no- 7 from demand Survey)	
Ward Number	Slum Code	Slum Name	Semi-Pucca	Katcha
a	b	c	r	s
8	18	Umapara(S.C.-018)	89	95
8	19	Muchipara(S.C.-019)	17	17
8	20	Baganpara(S.C.-020)	53	15
8	21	Ghoshpara(S.C.-021)	25	17
8	50	Nilkanthapur(S.C.-050)	68	19
9	22	Bauripara(S.C.-022)	13	121
9	23	Hazrapara(S.C.-023)	7	36
9	24	Raghunathpur(S.C.-024)	50	111
9	25	Tantipara(S.C.-025)	10	32

			Type of house based on Roof(Question no- 7 from demand Survey)	
Ward Number	Slum Code	Slum Name	Semi-Pucca	Katcha
a	b	c	r	s
10	26	Konaipara Ghoshpara(S.C.-026)	64	77
10	27	Hablipara(S.C.-027)	21	59
10	28	Harisagarpar(S.C.-028)	22	56
10	51	Bagdipara Jelopara(S.C.-051)	14	16
10	52	Gourtala Bani Sangha Ground(S.C.-052)	23	5
11	29	Shibrambati (Baropara) (S.C.-029)	14	83
11	30	Bijaynagar Talarpar (S.C.-030)	12	74
11	53	Hotel Para (S.C.-053)	7	90
11	54	CHANDAL PARA-N- (S.C. -054)	2	23

			Type of house based on Roof(Question no- 7 from demand Survey)	
Ward Number	Slum Code	Slum Name	Semi-Pucca	Katcha
a	b	c	r	s
11	55	Shiborambati Monglapara- N- (S.C. - 055)	3	50
12	31	Namubagdanga(East)(S.C.-031)	5	56
12	32	Jokhadanga(North)(S.C.-032)	6	49
12	33	Ghurupara(S.C.-033)	4	59
12	56	Jakhadanga-South(S.C.-056)	12	37
12	57	Namu Bagdanga-West(S.C.-057)	12	92
13	34	Namubagdanga(West)(S.C.-034)	1	89
13	35	Noapara(S.C.-035)	10	284
13	36	Boalia(S.C.-036)	7	184

			Type of house based on Roof(Question no- 7 from demand Survey)	
Ward Number	Slum Code	Slum Name	Semi-Pucca	Katcha
a	b	c	r	s
14	37	Pirtola Chasapara(S.C.-037)	38	89
14	38	Bagdipara(S.C.-038)	5	121
14	58	Kathgola(S.C.-058)	7	28
14	59	Bandherpara(S.C.-059)	9	51
15	39	Hotel Para(S.C.-039)	20	5
15	60	Jelopara(S.C.-060)	8	5
15	61	Coloni(S.C.-061)	30	21
16	40	Hazrapara(S.C.-040)	17	63
16	41	Let-Konaipara(S.C.-041)	27	91
16	42	Sashipara(S.C.-042)	22	75
17	43	Prabhakarpara(S.C.-043)	44	14
18	38	Bagdipara(S.C.-038)	0	4



#### 4.4 Resource mobilization strategy and Implementation strategy

Resourcing from the status and stake holder capacity implementing starategy make with technical source of engineering directorate and through involvement of beneficiary local effort to implement the housing and infrastructural component section stape of practical sources be involve with implementing strategy year wise implementing strategy is mention in respective section.

Year-wise targets under different components

Interventions	Number of Beneficiaries and Central Assistance Required (Rs. in Crores)												Total				
	2015-16		2016-17		2017-18		2018-19		2019-20		2020-21		2021-22		No.	Amount	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	
Redevelopm ent through Private Participation	Slums	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	
	Slums	1000	15.00	1052	15.78	564	8.46	564	8.46	564	8.46	276	4.14	285	4.275	4305	64.575
Subsidy for beneficiary-led/ improvement of existing house	Non-Slums	474	7.11	166	2.49	86	1.29	17	0.255	83	1.245	81	1.215	14	0.21	921	13.815
	Slums	20	0.00	2	0	10	0	10	0	10	0	19	0	10	0	81	0
Credit linked subsidy to individual beneficiaries	Non-Slums	6	0	3	0.045	2	0	0	0	6	0	0	0	0	0	17	0
	Slums	0	0	0	0	18	0.27	18	0	17	0	0	0	0	0	53	0.795
Affordable Housing in Partnership (AHP)	Non-Slums	194	2.91	167	2.505	168	2.52	175	0	182	0	189	0	196	0	1271	19.065
	Slums	0	0	0	0	18	0.27	18	0	17	0	0	0	0	0	53	0.795
<b>Total</b>	<b>1694</b>	<b>25.02</b>	<b>1390</b>	<b>20.82</b>	<b>848</b>	<b>12.54</b>	<b>784</b>	<b>8.715</b>	<b>862</b>	<b>9.705</b>	<b>565</b>	<b>5.355</b>	<b>505</b>	<b>4.485</b>	<b>6648</b>	<b>98.25</b>	

## Section 5: Project Concept and Scope

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

In Kandi Municipality out of its 12.97 sq.km 61 nos. Of slum identified and taken into project for PMAY. Out of that 43 no. Notified slum and 18 are non-notified slum with all aspect of slum concept and 18 non-notified slum in its extensions by enhancement of high growth of population. A table is indicating below.

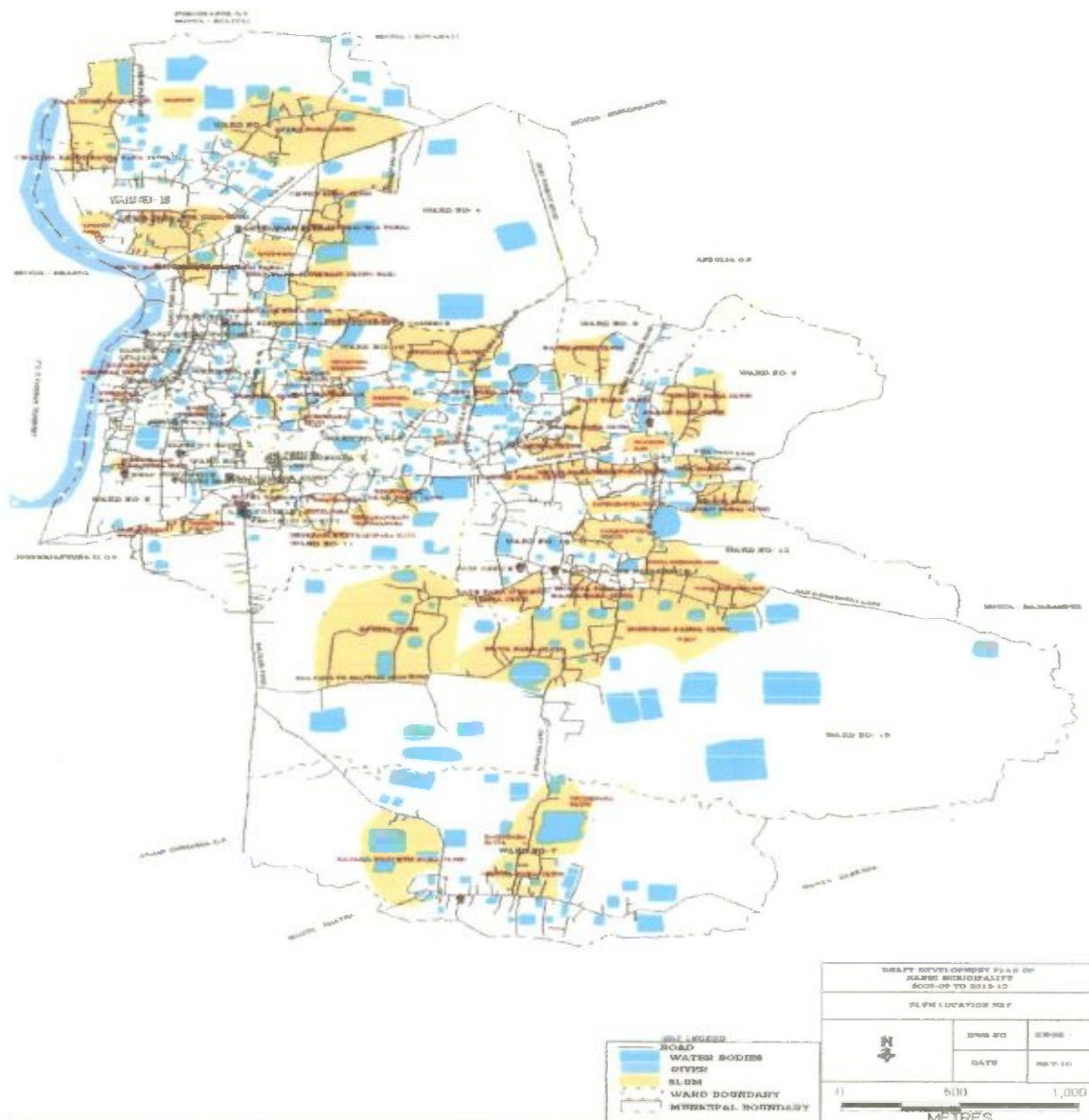
Slum Wise Basic Information							
Slum	Notified/Non-Notified	Area of Slum	Age of Slum	Slum Location	Surrounding Area	Physical Location	Ownership of Land
Bandhapukur(S.C.-003)	Notified	2888.17	45	Core Area	Residential	Others(Non-Hazardous)	Private
Malabagan-Sirishtola(S.C.-004)	Notified	2382.07	41	Core Area	Residential	Along River/Water Body Bank	Private
Boltala(S.C.-005)	Notified	1018.89	40	Core Area	Residential	Along Other Drains	Private
Namukandi Musiima Para Dompapa(S.C.-006)	Notified	2293.69	30	Core Area	Residential	Along Other Drains	Private
Molla Para Ramsinghpar(S.C.-007)	Notified	6386.51	15	Core Area	Residential	Along River/Water Body Bank	Private
Gopinathpur Konaipara(S.C.-008)	Notified	47804.35	35	Core Area	Residential	Along Other Drains	Private
Puratanhat(S.C.-009)	Notified	6841.57	40	Core Area	Residential	Along River/Water Body Bank	Private
Rajardighir Par(S.C.-010)	Notified	22945.67	35	Fringe area	Residential	Along River/Water Body Bank	Private
Chokupara(S.C.-011)	Notified	13408.85	30	Fringe area	Others	Along Other Drains	Private
Adirapara(S.C.-012)	Notified	29312.17	40	Core Area	Residential	Along Other Drains	Private
Talarpar(S.C.-013)	Notified	6560.3	25	Core Area	Residential	Along River/Water Body Bank	Private
Rasorah Bagdipara(S.C.-014)	Notified	65472.24	30	Core Area	Others	Along River/Water Body Bank	Private
Ghoshpara(West)(S.C.-015)	Notified	60150.08	30	Core Area	Others	Along Other Drains	Private
Rosora Paschimpara(S.C.-016)	Notified	97129.57	40	Fringe area	Residential	Along Nallah	Private
Ghasipara(S.C.-017)	Notified	18702.26	34	Core Area	Residential	Along Other Drains	Private

Slum	Notified/Non-Notified	Area of Slum	Age of Slum	Slum Location	Surrounding Area	Physical Location	Ownership of Land
Umapara(S.C.-018)	Notified	27255.63	50	Core Area	Residential	Along Other Drains	Private
Muchipara(S.C.-019)	Notified	24121.87	50	Fringe area	Residential	Along Other Drains	Private
Baganpara(S.C.-020)	Notified	51147.8	32	Core Area	Residential	Along Nallah	Private
Ghoshpara(S.C.-021)	Notified	19869.22	25	Core Area	Residential	Along Other Drains	Private
Bauripara(S.C.-022)	Notified	51563.76	45	Core Area	Residential	Along River/Water Body Bank	Private
Hazrapara(S.C.-023)	Notified	35429.61	55	Core Area	Residential	Along River/Water Body Bank	Private
Raghunathpur(S.C.-024)	Notified	19444.56	35	Core Area	Residential	Along River/Water Body Bank	Private
Tantipara(S.C.-025)	Notified	19641.77	45	Core Area	Residential	Along Other Drains	Private
Konaipara Ghoshpara(S.C.-026)	Notified	11451.5	60	Core Area	Residential	Along Other Drains	Private
Hablipara(S.C.-027)	Notified	10801.2	25	Core Area	Residential	Along River/Water Body Bank	Private
Harisagarpar(S.C.-028)	Notified	19657.12	35	Fringe area	Others	Along Nallah	Private
Namubagdanga(East)(S.C.-031)	Notified	110623.3	35	Core Area	Others	Along Other Drains	Private
Jokhadanga(North)(S.C.-032)	Notified	52399.1	25	Core Area	Residential	Along Other Drains	Private
Ghurupara(S.C.-033)	Notified	43116.44	35	Fringe area	Others	Along River/Water Body Bank	Private
Namubagdanga(West)(S.C.-034)	Notified	42458.19	35	Core Area	Residential	Along Other Drains	Private
Noapara(S.C.-035)	Notified	104787.9	40	Core Area	Residential	Along Nallah	Not Known
Boalia(S.C.-036)	Notified	111686.4	45	Core Area	Residential	Along Other Drains	Private
Pirtola Chasapara(S.C.-037)	Notified	107250.3	25	Core Area	Others	Along River/Water Body Bank	Private
Bagdipara(S.C.-038)	Notified	30212.29	35	Core Area	Residential	Along Other Drains	Private
Hotel Para(S.C.-039)	Notified	11974.38	15	Core Area	Residential	Along Nallah	Private
Hazrapara(S.C.-040)	Notified	30658.29	40	Core Area	Residential	Along Nallah	Private
Let-Konaipara(S.C.-041)	Notified	41244.17	45	Core Area	Residential	Along Nallah	Private
Sashipara(S.C.-042)	Notified	20326.25	45	Core Area	Residential	Along Other Drains	Private

Slum	Notified/Non-Notified	Area of Slum	Age of Slum	Slum Location	Surrounding Area	Physical Location	Ownership of Land
Prabhakarpara(S.C.-043)	Notified	19837.09	35	Core Area	Residential	Along River/Water Body Bank	Private
Taramatala(S.C.-045)	Non-Notified	8601.12	30	Core Area	Residential	Along Other Drains	Private
Kurupara(S.C.-046)	Non-Notified	10231.04	50	Core Area	Residential	Along Other Drains	Private
Ghoshpara(S.C.-047)	Non-Notified	11390.3	25	Core Area	Residential	Along Other Drains	Private
Mohanbagan-Baganpara(Slum)(S.C.-048)	Non-Notified	7481	37	Core Area	Residential	Along Other Drains	Private
Muchipara(S.C.-049)	Non-Notified	60317.7	35	Core Area	Residential	Along Other Drains	Private
Vilkanthapur(S.C.-050)	Non-Notified	9705.3	28	Core Area	Residential	Along Other Drains	Private
Bagdipara Jelopara(S.C.-051)	Non-Notified	6911.9	40	Fringe area	Residential	Along Other Drains	Private
Gourtala Bani Sangha Ground(S.C.-052)	Non-Notified	9031.3	20	Core Area	Residential	Along Other Drains	Private
Jakhadanga-South(S.C.-056)	Non-Notified	10813.5	35	Fringe area	Residential	Along Other Drains	Private
Namu Bagdanga-West(S.C.-057)	Non-Notified	6940.13	30	Core Area	Residential	Along Other Drains	Private
Kathgola(S.C.-058)	Non-Notified	8453.9	20	Fringe area	Residential	Along River/Water Body Bank	Private
Bandherpara(S.C.-059)	Non-Notified	6358	40	Core Area	Residential	Along Other Drains	Private
Jelopara(S.C.-060)	Non-Notified	7183.18	20	Core Area	Residential	Along Other Drains	Private
Coloni(S.C.-061)	Non-Notified	0	0	Fringe area	Others	Others(Non-Hazardous)	Private
Mohanbagan (East)(S.C.-001)	Notified	1020.06	40	Core Area	Institutional	Along Nallah	Private
Hazra Para (S.C.-002)	Notified	7685.76	31	Core Area	Residential	Along Nallah	Private
Shibrambati (Baropara) (S.C.-029)	Notified	16149.62	35	Core Area	Others	Others(Non-Hazardous)	Private
Bijaynagar Talarpar (S.C.-030)	Notified	15303.73	40	Core Area	Residential	Along River/Water Body Bank	Private
Mohon Bagan (West) (S.C.-044)	Non-Notified	9607	25	Core Area	Residential	Along Nallah	Private
Hotel Para (S.C.-053)	Non-Notified	1157.18	0		Others	Along Nallah	Private
CHANDAL PARA-N- (S.C.-054)	Non-Notified	1031	35	Core Area	Residential	Along Other Drains	Private
Shibrambati Monglapara-N- (S.C.-055)	Non-Notified	9601	40	Core Area	Others	Along Other Drains	Private

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

The location of the slum and the non-slum map are provided below.



### 5.3. LAND USE TANURE STATUS

City Level No.of dwelling units by land tenure status								
City	No.of Slums	Land Tenure Status						
		With Patta	Possession Certificate/Occupancy Right	Encroached-Private Land	Encroached-Public Land	On Rent	Other	Total
Kandi	63	18	2795	1385	125	56	346	4725
Total	63	18	2795	1385	125	56	346	4725

### 5.4. Existing basic infrastructure and its coverage

#### EXISTING WATER SUPPLY SYSTEM

The existing water supply scheme was commissioned in the year 1973. Out of 18 Wards, two wards mainly 7 & 13 are completely out of piped water supply system. The tube wells at the following locations are supplying water to the town through one no. overhead Reservoir and distribution network mainly of 80 mm AC Pipes. The CI pipes of diameters 100 mm, 150mm, 200mm & 250mm are also available in the distribution network but of very low coverage. The total length of AC pipe line stands at 12,435 mt, out of total length of pipe line of 18,338 mt in the town. All the existing pipes have already passed through ages. The structural stability of the existing pipes is very much doubtful because the leakage of the existing pipes persists most of the time. Municipal authority compelled to suspend the supply work at three to four locations per day for undertaking repairing works. Municipal authority also apprehended that total water supply system in the town may collapse at any time due to poor structural stability of the existing distribution system.

Sl. No.	Locations of the Existing tube well	Size	Present yield	Year of commissioning
1.	AtNarayandhar Park(Ward no.15)	6"x14"	3000 Gph	1973
2.	At Kandi Police station(Ward No. 2)	6"x14"	4000 Gph	1993
3.	At Municipality Office(Ward No.1)	6"x14"	4500 Gph	1993
4.	At Sadar Pukur (Ward No. 16)	6"x14"	4500 Gph	1997
5.	At Bimal Ch. Park(Ward No. 1)	6"x14"	6000 Gph	1988
6.	Zila Parishad(Ward No. 1)	6"x14"	5000 Gph	1984
7.	Jemo N.N.High School(Ward No. 9)	6"x14"	4500 Gph	1997
8.	Near Kandi Block	6"x14"	10,000 Gph	2012

Sl. No.	Locations of the Existing tube well	Size	Present yield	Year of commissioning
9.	Bijoy Nagar	6"x14"	8,000 Gph	2015
10	Bandhapukur	6"x14"	5500 Gph	2013
11.	Santosh singha para	6"x14"	8500 Gph	2014
12.	Bholanathpur	6"x14"	8500 Gph	2013
13.	Aruna Cinema Hall	6"x8"	7500 Gph	2009
14.	Hometala	6"x 8"	2000 Gph	2007
15.	Police fari(sahispara)	6"x14"	8500 Gph	2014
16.	Boltala Natunbari	6"x14"	7000 Gph	2014
17.	Bani sangha	6"x14"	10000 Gph	2009
18.	Natunpara	6"x8"	6000 Gph	2008
19.	Bagdanga(Roybari)	6"x14"	10000 Gph	2012
20.	Kathgola	8"x6"	2500 Gph	2012
21.	Kedarnath Pry. School	8"x6"	10000 Gph	2015
22.	Zilla parishad Banglo	8"x14"	8500 Gph	2013
23.	Athelatic club	8"x 6"	7000 Gph	2009

The capacity of the existing OHR is 10 MG at a standing height of 20 meter which is being filled up by pumping out water from 3 nos. tubewells. Water from remaining 14 nos. tubewells is fed in the distribution system by direct pumping. There are 425 nos. stand post and 2602 nos. house connection in the town. The present supply level of water in the town is 22lpcd. Water is being supplied for 4 hours in a day in 3 shifts.

Asset Category	Quantity/ Capacity	Year of Construction/ Commissioning	Physical Condition/ State of Repairs
1	2	3	4
<b>WATER SUPPLY</b>			
Service Reservoir:	Capacity	Year of Construction	Structural Condition
OHR(1no.)	1 lac. Gallon	1972	Not upto the mark.
Pumping Capacity	No of Pumps: 15 Pumps(40HPSleeving motor-2,20 HP Submersible Pump and Motor-7,15HP-1,10HP-1,7HP-1,15 HP Vt Pump-3 nos. are not functioning	From 1954	Running condition
	Stand by 2 nos.20 HP	n.a.	n.a.
	Condition: actual vs. rated capacity: 0.10 MG per Day		
	Good condition		

Asset Category	Quantity/ Capacity	Year of Construction/ Commissioning	Physical Condition/ State of Repairs
Distribution network	Length according to diameter and material	Year of laying	Present condition: encrustation if any: Not good, very old
	270 km.14",3",2.5",6",9"	Since 1898 to 2007	Condition of joints are not good and leakages are also there. Not satisfactory at all
Stand posts	No.	Year of Commissioning	Condition
	320	Since 1971 to 2008	Not satisfactory
Hand pumps	No.	Year of Commissioning	Condition
	512	Last 10 years	Good
<b>STORM AND SULLAGE WATER DRAINS</b>			
Collection network	Length according to size and type of drains	Year of construction	Conditions: built, covered/ uncovered
	Total 21.78 k.m(Among which Kachcha--3.56 k.m Pucca 18.22 km)		Maximum Uncovered
	Collection equipment for septic tanks, drains		Natural: Trained/ untrained
	n.a.	n.a.	Conditions: Capacity vs. Requirement
<b>SOLID WASTE MANAGEMENT</b>			
Asset Category	Quantity/ Capacity	Year of construction/ commissioning	Physical condition/ State of repairs



Asset Category	Quantity/ Capacity	Year of Construction/ Commissioning	Physical Condition/ State of Repairs
Collection vehicles, bins/ containers	Type, Capacity & No.	Year of Commissioning	State of repairs
Tractor with Trailer	4 nos., 2 metric tons	na	As the equipments have been introduced in the year of 2007 so those are in working condition.
Hand Trolley	57 nos., 30 kg.	2007	
Land fill site:	Location, size:	No. of years in use:	
No standard site	Outside the town towards Berhampore beside of state highway.	na	
<b>STREETS, STREET LIGHTS AND TRAFFIC MANAGEMENT</b>			
Street Network:	Length according to width and material of:	Year of last complete resurface, repair	Extent of potholes and general riding quality
	Bituminous Macadam 24.82km	Nov-14	Road condition is not good
	Concrete:7.39km		
	Brick Soling Road:28.05 km.		
	Laterite Road:10.42 km.		
	Earthern Road:8.46km.		
<b>STEETS, STREET LIGHTS AND TRAFFIC MANAGEMENT</b>			
Street Lights: Approx.	No. of poles by type:		
2124	327 lampposts with vapour light	n.a.	Percent of working light
	1797 lampposts with bulbs.		
Pavements: Negligible	Length	n.a.	Condition, encroachments
Traffic intersections: Many	No. of main junctions:1) Kandi Bus stand, 2) Ganjar More, 3) Bishramtala, 4) School Road, 5) Jemobazar.	n.a.	Traffic issues at the junction: Terrible and uncontrolled, because of crowd and high speed vehicles of mixed nature on the Rd.

OTHER MUNICIPAL SERVICES			
Services	No./ Capacity	Year of Construction/ Last major repair	Current conditions
Crematoria			There is no facility on this aspect.
Graveyard	2	2003	Good.
Ambulance	4	2015	Good
Community latrine	4	2015	Usable
Market Complex	12	2015	Good

## SLUMWISE EXISTING INFRASTRUCTURE STATUS

## Format Slum wise existing infrastructure

Ward Number	Slum Code	Slum Name	Number of total Households(Including pucca)	AREA in Sq Mt	water supply	Drainage	Electricity	Various road Infrastructure
a	b	c	d	e	f	g	h	i
1	1	Mohonbagan (East)(S.C.-001)	61	1020.06		291.00 m drain (existing ) drain & also 180 m drain & 903.00 m high drain is yet to be taken up	Street light provided 43 nos	289.00 m of existing concrete concrete road
1	2	Hazra Para (S.C.-002)	95	7685.76		171.00 m drain (existing ) drain& 275.00 m general drain required also 403.00 m high drain is yet to be taken up	Street light provided 20 no	180.00 m of existing concrete concrete road
1	44	Mohon Bagan (West) (S.C.-044)	54	9607		186.00 m drain (existing ) drain	Street light provided 37 no	, 186.00 m of existing concrete concrete road
2	3	Bandhapukur( S.C.-003)	12	2888.17		213.00 m drain existing drain	Street light provided 27 no	280.00 m of existing concrete concrete road

## Format Slum wise existing infrastructure

Ward Number	Slum Code	Slum Name	Number of total Households(Including pucca )	AREA in Sq Mt	water supply	Drainage	Electricity	Various road infructiure
a	b	c	d	e	f	g	h	i
2	4	Kalabagan-Sirishtola(S.C.-004)	29	2382.07		93.00 m drain existing	Street light provided 23 no	231.00 m of existing concrete concrete road
3	5	Boltala(S.C.-005)	51	1018.89		173.00 m drain existing drain	Street light provided 33 no	174.00 m of existing concrete concrete road
3	45	Taramataia(S.C.-045)	40	8601.12		287.00 m drain existing drain	Street light provided 23 no	321.00 m of existing concrete concrete road
3	46	Kurupara(S.C.-046)	32	10231.04		90.00 m drain existing	19 no street light	178.00 m of existing concrete concrete road
4	6	Namukandi Muslima Para Dompapa(S.C.-006)	53	2293.69		156.0m drain existing	26 no street light	215.00 m of existing concrete concrete road
	7	Molla Para Ramsinghpar(S.C.-007)	40	6386.51		56.00m drain existing	17 no street light	149.00 m of existing concrete concrete road
4	8	Gopinathpur Konaipara(S.C.-008)	16	47804.35		102.00m drain existing	13no street light	221.00 m of existing concrete concrete road
4	47	Ghoshpara(S.C.-047)	57	11390.3		102.00m drain existing	37no street light	247.00 m of existing concrete concrete road
5	9	Puratanhat(S.C.-009)	174	6841.57		134.00m drain existing	19 no street light	148 m existing road

## Format Slum wise existing infrastructure

Ward Number	Slum Code	Slum Name	Number of total Households(Including pucca )	AREA in Sq Mt	water supply	Drainage	Electricity	Various road infructiure
a	b	c	d	e	f	g	h	i
5	48	Mohanbagan-Baganpara(Slum)(S.C.-048)	85	7481		134.00m drain existing	17 no street light	149 m existing road
6	10	Rajardighir Par(S.C.-010)	166	22945.67		121.00m drain existing	40.0 no street light	198 m existing c.c . road
6	11	Chokupara(S.C.-011)	64	13408.85		21.00m drain existing	37 no street light	112.0 m existing c.c . road
	12	Adirapara(S.C.-012)	167	29312.17		41.00 m drain existing	42 no street light	178.0 m existing c.c . road
6	13	Talarpar(S.C.-013)	143	6560.3		45.00 m drain existing	42 no street light	201.0 m existing c.c . road
7	14	Rasorah Bagdipara(S.C.-014)	91	65472.24		21.00m drain existing	23 no street light	172.0 m existing c.c . road
7	15	Ghoshpara(West)(S.C.-015)	67	60150.08		37.00 m drain existing	44 no street light	98.0 m existing c.c . road
7	16	Rosora Paschimpara(S.C.-016)	122	97129.57		35.00 m drain existing	42no street light	111.0 m existing c.c . road
7	49	Muchipara(S.C.-049)	46	60317.7		31.00 m drain existing	32no street light	87.0 m existing c.c . road
8	17	Ghasipara(S.C.-017)	151	18702.26		51.00 m drain existing	49no street light	115.0 m existing c.c . road
8	18	Umapara(S.C.-018)	204	27255.63		161.00 m drain existing	52 no street light	151.0 m existing c.c . road
8	19	Muchipara(S.C.-019)	38	24121.87		151.00 m drain existing	44 no street light	170.0 m existing c.c . road
8	20	Baganpara(S.C.-020)	87	51147.8		136.00 m drain existing	54 no street light	79.0 m existing c.c . road
8	21	Ghoshpara(S.C.-021)	42	19869.22		136.00 m drain existing	43 no street light	221.0 m existing c.c . road

## Format Slum wise existing infrastructure

Ward Number	Slum Code	Slum Name	Number of total Households(including pucca)	AREA in Sq Mt	water supply	Drainage	Electricity	Various road infructiure
a	b	c	d	e	f	g	h	i
8	50	Nilkanthapur(S.C.-050)	68	9705.3		70.00 m drain existing	64 no street light	124.0 m existing c.c . road
9	22	Bauripara(S.C.-022)	173	51563.76		129.00 m drain existing	45 no street light	237.0 m existing c.c . road
9	23	Hazrapara(S.C.-023)	41	35429.61		43.00 m drain existing	22 no street light	217.0 m existing c.c . road
	24	Raghunathpur(S.C.-024)	144	19444.56		143.00 m drain existing	39 no street light	247.0 m existing c.c . road
9	25	Tantipara(S.C.-025)	54	19641.77		87.00 m drain existing	22 no street light	117.0 m existing c.c . road
10	26	Konaipara Ghoshpara(S.C.-026)	182	11451.5		103.00 m drain existing	53 no street light	229.0 m existing c.c . road
10	27	Hablipara(S.C.-027)	103	10801.2		106.00 m drain existing	54 no street light	289.0 m existing c.c . road
10	28	Harisagarpar(S.C.-028)	89	19657.12		88.00 m drain existing	55 no street light	317.0 m existing c.c . road
10	51	Bagdipara Jelopara(S.C.-051)	107	6911.9		104.00 m drain existing	66 no street light	266.0 m existing c.c . road
10	52	Gourtala Bani Sangha Ground(S.C.-052)	38	9031.3		71.00 m drain existing	47 no street light	162.0 m existing c.c . road
11	29	Shibrambati (Baropara) (S.C.-029)	70	16149.62		103.00 m drain existing	38 no street light	246.0 m existing c.c . road
11	30	Bijaynagar Talarpar (S.C.-030)	48	15303.73		199.00 m drain existing	62 no street light	456.0 m existing c.c . road
11	53	Hotel Para (S.C.-053)	59	1157.18		74.00 m drain existing	57 no street light	601.0 m existing c.c . road
11	54	CHANDAL PARA-N- (S.C.-054)	16	1031		24.00 m drain existing	19 no street light	71.0 m existing c.c . road

## Format Slum wise existing infrastructure

Ward Number	Slum Code	Slum Name	Number of total Households(Including pucca )	AREA in Sq Mt	water supply	Drainage	Electricity	Various road infructiure
a	b	c	d	e	f	g	h	i
11	55	Shiborambati Monglapara- N-(S.C. - 055)	37	9601		64.00 m drain existing	60 no street light	271.0 m existing c.c . road
12	31	Namubagdanga(East)(S.C.-031)	48	110623.3		192.00 m drain existing	41 no street light	201.0 m existing c.c . road
12	32	Jokhadanga(North)(S.C.-032)	96	52399.1		42.00 m drain existing	33 no street light	78.0 m existing c.c . road
12	33	Ghurupara(S.C.-033)	194	43116.44		47.00 m drain existing	44 no street light	248.0 m existing c.c . road
12	56	Jakhadanga-South(S.C.-056)	63	10813.5		47.00 m drain existing	22 no street light	113.0 m existing c.c . road
12	57	Namu Bagdanga-West(S.C.-057)	99	6940.13		41.00 m drain existing	43 no street light	203.0 m existing c.c . road
13	34	Namubagdanga(West)(S.C.-034)	44	42458.19		63.00 m drain existing	44 no street light	103.0 m existing c.c . road
13	35	Noapara(S.C.-035)	57	104787.9		137.00 m drain existing	65 no street light	287.0 m existing c.c . road
13	36	Boalia(S.C.-036)	94	111686.4		57.00 m drain existing	46 no street light	217.0 m existing c.c . road
14	37	Pirtola Chasapara(S.C.-037)	65	107250.3		177.00 m drain existing	77 no street light	384.0 m existing c.c . road
14	38	Bagdipara(S.C.-038)	36	30212.29		191.00 m drain existing	67 no street light	264.0 m existing c.c . road
14	58	Kathgoia(S.C.-058)	19	8453.9		25.00 m drain existing	19 no street light	84.0 m existing c.c . road
14	59	Bandherpara(S.C.-059)	13	6358		125.00 m drain existing	50 no street light	184.0 m existing c.c . road
15	39	Hotel Para(S.C.-039)	22	11974.38		125.00 m drain existing	51 no street light	84.0 m existing c.c . road

## Format Slum wise existing infrastructure

Ward Number	Slum Code	Slum Name	Number of total Households(Including pucca)	AREA in Sq Mt	water supply	Drainage	Electricity	Various road infructiure
a	b	c	d	e	f	g	h	i
15	60	Jelopara(S.C.-060)	16	7183.18		23.00 m drain existing	23 no street light	57.0 m existing c.c . road
15	61	Coloni(S.C.-061)	52	0		21.00 m drain existing	16 no street light	67.0 m existing c.c . road
16	40	Hazrapara(S.C.-040)	85	30658.29		37.00 m drain existing	22 no street light	97.0 m existing c.c . road
16	41	Let-Konaipara(S.C.-041)	86	41244.17		37.00 m drain existing	27 no street light	67.0 m existing c.c . road
16	42	Sashipara(S.C.-042)	127	20326.25		257.00 m drain existing	54 no street light	327.0 m existing c.c . road
17	43	Prabhakarpara(S.C.-043)	133	19837.09		282.00 m drain existing	112 no street light	367.0 m existing c.c . road
18	38	Bagdipara(S.C.-038)						

\*Municipality source

## 6.0 The project slums and existing scenario of infrastructure in KANDI MUNICIPALITY:

There are 61 nos Slums have been selected as a First Project under PMAY scheme by KANDI Municipality in consultation with the state level Nodal Agency - The State Urban Development Agency (SUDA) under M.A. Department, GoWB. The scenario of infrastructure of the project link slums are indicated :

### 1. Mohon Bagan East Slum (SC 001)

The slum site is at the core area of the Municipality at Ward no-01. Metal road is running in front of the slums connects it to major areas of KANDI MUNICIPALITY AND SH WAY. It distance from Muncipal office Administrative Building only 500 mt. The slums are near about 75 years old with a total site area is 1020.06 square meters. The ownership of land lies with the slum dwellers. The existing number of households is 62

and most of living jointly, with a total population of 640. Most of the slum dwellers works as Rickshaw puller in local area, others engaged in local housekeeping, as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas.

The environmental condition in the slums is little bit poor. Most of the roads within slums are semi metallic, metal, or kuchha road. There is 100% street lights present in the slum. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health. Most of the dwelling units are kaccha . Water supply net work is needed in this slum with domestic connection.

### 2. HAZRAPARA (SC .002)

The project slum site is at the core area of the Municipality at Ward no-01. Metal road is running in front of the slums connects it to danced area. The slums are near about 80 years old with a total site area is 7685.16 square meters. The ownership of land lies with the slum dwellers. The existing number of households 89 with a total population of 672. Most of the slum dwellers works as casual labour in local with masonry works, others engaged in local housekeeping, as sweepers in local areas, as cleaners. Most of the dwelling houses are kanchha or bamboo wall cover.

The environmental condition in the slums is little bit poor. The slum is partially covered with surface drains but drains are tilted and broken condition resulting clogging. Most of the roads within slums are semi metallic or kuchha road and some areas of this slum covered with street lights present in the slum. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health. Water supply net work is needed in this slum with domestic connection.

### 3. MOHON BAGAN WEST.(SC044)

The slum site is at the core area of the Municipality at Ward no-01. Metal road is running in front of the slums connects it to major areas of Kandi Municipality. The slums are about 45 years old with a total site area is 9607 square meters. Most of the dwellers are belongs to minority community The ownership of land lies with the slum dwellers presently. The existing number of households 102 with a total population 1202 nos. Most of the slum dwellers work as casual labour in local industries, others engaged in local housekeeping, as sweepers in local areas, as cleaners at Municipal area and as



vegetable sellers in nearby areas.

The environmental condition in the slums is little bit poor. Causing huge damage to health. The site visit has revealed an unhygienic in areas. Most of the dwelling units are kaccha or dilapidated. Water supply net work is needed in this slum with domestic connection.

#### 4. **BANDHA PUKER (SC 003)**

The project slum site is at the core area of the Municipality at Ward no-02. Metal road is running in front of the slums connects it to Kandi Bus-Stand and main township. The slums are 25 years old with a total site area is 2888.17 square meters. The ownership of land lies with slum dwellers and ULB. The existing number of households 76 with a total population of 1062. Most of the slum dwellers works as casual labour in local industries, others engaged in local housekeeping, as sweepers in local areas, vegetable vendors.

The environmental condition in the slums is little bit poor and unhygienic. The slum is partially covered with surface drains but drains are tilted and broken condition resulting clogging. Most of the roads within slums are semi metallic or kuchha road. There is unhygienic atmosphere. Most of the present dwelling houses are kanchha or semi-kanchha they need shelter in permanent in nature.

#### 5. **KALABAGAN SRISTALA BUSTEE(SC004)**

The project slum site is at the core area of the Municipality at Ward no-02. Metal road is running in front of the slums connects it to major areas of Kandi Municipality. The slums are 55 years old with a total site area is 2382.07 square meters. The ownership of land lies with the slum dwellers. The existing number of households 35 with a total population of 772. Most of the slum dwellers works as casual labour in local area, others engaged in local housekeeping, as sweepers in local areas. The environmental condition of this slum is very poor with unhygienic structure. There are cc road uncovered drain narrow lane, the present water supply facilities of this slum is satisfactory level. The existing dwelling units of the slum people are kancha or semi-kancha it need to upliftment.

**6. BOLTALA BUSTEE (SC 005)**

The slum site is at the core area of the Municipality at Ward no-03. Metal road is running in front of the slums connects it to major areas of Kandi Municipality. The slums are 25 years old with a total site area is 1018.89 square meters. The ownership of land lies with ULB. The existing number of households 55 with a total population of 248. Most of the slum dwellers works as casual labour in local industries, others engaged in local housekeeping, as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas.

The environmental condition in the slums is little bit poor. The slum is partially covered with surface drains but drains are tilted and broken condition resulting clogging. Most of the roads within slums are semi metallic or kuchha road. There is 75% street lights present in the slum. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health. The site visit has revealed a unhygienic condition prevailing there at present due to absence of any organized structures and infrastructure for keeping them. Most of the dwelling units are kaccha or dilapidated. Water supply net work is needed in this slum with domestic connection.

**7. TARAMA TALA BUSTEE (SC 045)**

The project slum site is at the core area of the Municipality at Ward no-03. Metal road is running in front of the slums connects it to major areas of Kandi Municipality. The slums are 25 years old with a total site area is 8601.12square meters. The ownership of land lies with slum dwellers. The existing number of households 169 with a total population of 2069. Most of the slum dwellers works as masonry workers and house maid of this local area.

The environmental condition in the slums is little bit poor. The slum is partially covered with surface drains but drains are tilted and broken condition resulting clogging. Most of the existing road is metal and narrows concrete road. There are surface drains and some of them are uncovered and create unhygienic atmosphere .Most of the existing house of this slum is kancha-sami kancha and need better upliftment.

**8.KURUR PARA SLUM (SC046)**

The project slum site is at the core area of the Municipality at Ward no-03. A concrete road is running in front of the slums connects it to major areas of Kandi Municipality. The slums are 25 years old with a total site area is 10231.04 square meters. The ownership of land lies with ULB. The existing number of households 357 with a total population of 3069. Most of the slum dwellers works as casual labour in local industries, others engaged in local housekeeping, as sweepers in local areas, as cleaners at

Municipal area and as very small hawker. The slum situated both side of the main drainage channel of this Municipal town.

The environmental condition in the slums is little bit poor. The slum is partially covered with surface drains but drain is uncover, road kancha road, 80% of street light facilities is provided. Most of the roads within slums are semi metallic or kanchha road. There is a SSK SCHOOL and a icds centre there. Water supply net work is needed in this slum with domestic connection.

#### **8. NAMU KANDI MUSLIM PARA DOM PARA BUSTEE(SC006)**

The t slum site is at the core area of the Municipality at Ward no-04. Metal road is running in front of the slums connects it to major areas of Kandi Municipality and SH WAYS. The slums are 40 years old with a total site area is 2293.99 square metres. The ownership of land lies with the private in nature . The existing number of households is 253 with a total population of 1352. Most of the slum dwellers works as casual labour in local industries, others engaged in local housekeeping, as sweepers in local areas, as cleaners at Municipal area and as vegetable sellers in nearby areas. This slum is required to be offered by new houses as most of existing house are JHUPRI. There is a main open drain which is very unhealthy. It partially covered with cc road, covered drain and 70% of street light and water supply is provided now.

#### **9. MOLLAPARA RAM SINGH PARA SLUM**

The slum site is at the core area of the Municipality at Ward no-004 It is a notified slum and aged about 25 years. Metal road is running in front of the slums connects it to major areas of Kandi Municipality Municipality. The total site area is 6386.51 square metres. The ownership of land lies with the slum dwellrs. The existing number of households is 212 with a total population of 901. Most of the slum dwellers works as daily labour in local shop and fish market. There is a primary school near of this slum and covered with roads drain

There is 100% street lights present in the slum. Most of the population adopts unhygienic method for disposing their waste; thereby causing huge damage to health. The site visit has revealed a unhygienic condition prevailing there at present due to absence of any organized structures and infrastructure for keeping them. Most of the dwelling units are kaccha or dilapidated.

**10. GOPINATH PUR KONAI PARA(SC008)**

The project slum site is at the core area of the Municipality at Ward no-04 A. metal road is running in front of the slums connects it to major Kandi Municipality. The slums are 30 years old with a total site area is 47804.35 square metres. The ownership of land lies with ULB. The existing number of households is 538 with a total population of 2356. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

**11. GHOSH PARA (SC047)**

The project slum site is at the core area of the Municipality at Ward no-04 A. metal road is running in front of the slums connects it to major Kandi Municipality. The slums are 30 years old with a total site area is 11390.3 square metres. The ownership of land lies with ULB. The existing number of households is 28 with a total population of 356. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, 100% street light is provided of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

**12. PURATAN HAT BUSTEE(SC009)**

The project slum site is at the core area of the Municipality at Ward no-05 .The main road is running in front of the slums connects it to major Kandi Municipality and Bus terminal. The slums are 35 years old with a total site area is 6441.57 square metres. The ownership of land lies with ULB and private . The existing number of households is 138 with a total population of 756. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house. It is a minority based area and need housing facilities to people.

**13. MOHAN BAGANPARA SLUM(SC0480)**

The project slum site is at the core area of the Municipality at Ward no-05 A. metal road is running in front of the slums connects it to major Kandi Municipality. The slums are

30 years old with a total site area is 7481 square metres. The ownership of land lies with ULB. The existing number of households is 95 with a total population of 1043 . Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

#### **14.RAJADIGHIR PAR**

The project slum site is at the core area of the Municipality at Ward no-06 A. metal road is running in front of the slums connects it to major Kandi Municipality. The slums are 30 years old with a total site area is 47804.35 square metres. The ownership of land lies with ULB. The existing number of households is538 with a total population of 2356. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawke and traditional POTUA. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

#### **15. CHHUKUPARA SLUM (SC011)**

The project slum site is at the core area of the Municipality at Ward no-06 A. narrow metal road is running in front of the slums connects it to major Kandi Municipality. The slum dwellers are engaged with DHAKI by occupation. The slums are 25 years old with a total site area is 13408.85 square metres. The ownership of land lies with ULB. The existing number of households is238 with a total population of 1356. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House. As the slum area is situated in highly flood porn area hence it need pacca houses by HFA.

#### **16.ADRIPARA (SC012)**

The project slum site is at the core area of the Municipality at Ward no-06 A. metal road is running in front of the slums connects it to major Kandi Municipality state High ways. The slums are 40 years old with a total site area is 29312.17 square metres. The ownership of land lies with the dwellers. The existing number of households is638 with a total population of 2856. Most of the slum dwellers works as casual labour,motor garage

labour and house maid. Some are engaged is street hawker. Drain,road, street light is inadequate of this slum area. There is a big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house. It is also situated in flood porn area.

#### **17.TALAR PAR SLUM (013)**

The project slum site is at the core area of the Municipality at Ward no-0.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 30 years old with a total site area is 6560 square metres. The ownership of land lies with private. The existing number of households' is138 with a total population of 756. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

#### **18.ROSORAH BAGDI PARA SLUM(SC014)**

The project slum site is at the core area of the Municipality at Ward no-07 A. metal S.H.Ways road is running in front of the slums connects it to major Kandi Municipality. The slums are 60 years old with a total site area is 65472.35 square metres. **The slum area is situated in very high flood porn area.** The ownership of land lies with ULB. The existing number of households is738 with a total population of 2656. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house.

#### **19.GHOSH PARA WEST (SC015)**

The project slum site is at the core area of the Municipality at Ward no-07.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 30 years old with a total site area is 60150 square metres. The ownership of land lies with private. The existing number of households is108 with a total population of 1056. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a

big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house. Slums dwellers are engaged with Band party by occupation. It is also a flood prone area.

#### **20. Rosora Paschimpara (sc-016)**

The project slum site is at the core area of the Municipality at Ward no-07. A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 30 years old with a total site area is 97129.57 square metres. The ownership of land lies with private. The existing number of households is 138 with a total population of 1056. Most of the slum dwellers work as casual labour and house maid. Some are engaged as street hawkers. Drain, road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house.

#### **21 MUCHI PARA (ROSORAH) 049**

The project slum site is at the core area of the Municipality at Ward no-07. A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 30 years old with a total site area is 60317.7 square metres. The ownership of land lies with private. The existing number of households is 238 with a total population of 2056. Most of the slum dwellers work as casual labour and house maid. Some are engaged as street hawkers. Drain, road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house.

#### **22. GHASI PARA (SC017)**

The project slum site is at the core area of the Municipality at Ward no-08. A PACCA road is running in front of the slums connects it to major Kandi Municipality. The slums are 30 years old with a total site area is 18702.26 square metres. The ownership of land lies with private. The existing number of households is 118 with a total population of 1756. Most of the slum dwellers work as casual labour and house maid AND MASON. Some are engaged as street hawkers. Drain, road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house.

**23.UMAPARA(SC018)**

The project slum site is at the core area of the Municipality at Ward no-08.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 30 years old with a total site area is 27255.63 square metres. The ownership of land lies with private. The existing number of households is 184 with a total population of 2756. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house. It is also a high flood porn area.

**24.MUCHI PARA SLUM (019)**

The project slum site is at the core area of the Municipality at Ward no-08.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 30 years old with a total site area is 24121.87 square metres. The ownership of land lies with private. The existing number of households is 88 with a total population of 956. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

**25.BAGAN PARA (020)**

The project slum site is at the core area of the Municipality at Ward no-08.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 35 years old with a total site area is 51147.8 square metres. The ownership of land lies with private. The existing number of households is 68 with a total population of 556. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are KANCHA OR SEMI KANCHA.

**26. GHOSH PARA SC-021**

The project slum site is at the core area of the Municipality at Ward no-08.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums



are 35 years old with a total site area is 19869.22 square metres. The ownership of land lies with private. The existing number of households is 58 with a total population of 758. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

The slum area is situated in highly flood prone zone.

**27.NILKANTHA PUR SLUM (SC 050)**

The project slum site is at the core area of the Municipality at Ward no-08. A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 25 years old with a total site area is 9705.3 square metres. The ownership of land lies with private. The existing number of households is 87 with a total population of 758. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

The slum area is situated in highly flood prone zone.

**28.BOURIPARA (SC 022)**

The project slum site is at the core area of the Municipality at Ward no-09. A road is running in front of the slums connects it to major Kandi Municipality. The slums are 35 years old with a total site area is 51563.76 square metres. The ownership of land lies with private. The existing number of households is 134 with a total population of 1758. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

The slum area is situated in highly flood prone zone.

**29.HAZRA PARA (9) SC023**

The project slum site is at the core area of the Municipality at Ward no-09. A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 35 years old with a total site area is 34429.61 square metres. The ownership of land lies with private. The existing number of households is 43 with a total population of 758. Most of the slum dwellers works as casual labour and house maid. Some are engaged is

street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

### **30.RAGHUNATH PUR (024)**

The project slum site is at the core area of the Municipality at Ward no-09. A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 35 years old with a total site area is 19444.56 square metres. The ownership of land lies with private. The existing number of households is 161 with a total population of 1758. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house

### **31. TANTIPARA (SC 025)**

The project slum site is at the core area of the Municipality at Ward no-09 .A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 25 years old with a total site area is 19641.77 square metres. The ownership of land lies with private. The existing number of households is 42 with a total population of 558. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road,100% street light is provided of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca DWELLING UNIT.

### **32.KONAI PARA GHOSH PARA (026)**

The project slum site is at the core area of the Municipality at Ward no-10.A CONCRETE road is running in front of the slums connects it to major Kandi Municipality. The slums are 45 years old with a total site area is 11451.5 square metres. The ownership of land lies with private. The existing number of households is 141 with a total population of 1458. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca DWELLING UNITS.

**33.HABLI PAR (SC027)**

The project slum site is at the core area of the Municipality at Ward no-10. A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 35 years old with a total site area is 10801.2 square metres. The ownership of land lies with private. The existing number of households is 80 with a total population of 1058. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

The slum area is situated in highly flood porn zone.

**34. HARISAGAR PAR (SC 028)**

The project slum site is at the core area of the Municipality at Ward no-10. A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 35 years old with a total site area is 19657.12 square metres. The ownership of land lies with private. The existing number of households is 78 with a total population of 758. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, 100% street light is provided of this slum area. There is a big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house.

**35.BAGDIPARA-JELLO PARA (SC 051)**

The project slum site is at the core area of the Municipality at Ward no-10. A BT road is running in front of the slums connects it to major Kandi Municipality. The slums are 35 years old with a total site area is 6911.9 square metres. The ownership of land lies with private. The existing number of households is 30 with a total population of 458. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House.

**36.GOUR TALA BANI SANGHA SLUM (SC-52)**

**The project slum site is at the core area of the** Municipality at Ward no-10. A narrow road is running in front of the slums connects it to major Kandi Municipality.

The slums are 25 years old with a total site area is 9031.3 square metres. The ownership of land lies with private. The existing number of households is 28 with a total population of 355. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, 90% stree light is provided of this slum area. There is a big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house.

### **37.SHIBRAM BATI BARO PARA (SC029)**

The project slum site is at the core area of the Municipality at Ward no-11.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 35 years old with a total site area is 16149.62 square metres. The ownership of land lies with private. The existing number of households is 97 with a total population of 1858. Most of the slum dwellers are engaged with daily labour and house maid. The existing civic facilities are drain,some metal road,and 70% street light is provided in this slum. All the slums houses are kancha or semi kancha they need pacca dwelling unit.

### **38.BIJOY NAGAR TALAR PAR (SC 030)**

The project slum site is at the core area of the Municipality at Ward no-11.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 15303.73 square metres. The ownership of land lies with private. The existing number of households is 86 with a total population of 958. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

### **39.HOTEL PARA (SC053)**

The project slum site is at the core area of the Municipality at Ward no-11.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 1157.18 square metres. The ownership of land lies with private. The existing number of households is 97 with a total population of 1058. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.The slum belongs to minority based one.

**40.CHANDAL PARA (N) SC 054**

The project slum site is at the core area of the Municipality at Ward no-11.A metal road is running in front of the slums connects it to major Kandi Municipality. The slums are 25 years old with a total site area is 1031,0 square metres. The ownership of land lies with private. The existing number of households is 25 with a total population of 258. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

**41.SHIBRAM BATI MANGAL PARA (N) SC055**

The project slum site is at the core area of the Municipality at Ward no-11.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 9601 square metres. The ownership of land lies with private. The existing number of households is 53 with a total population of 659. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, 100% street light is PRIVODED of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

**42.NAMU BAGDANGA (EAST) SC031**

The project slum site is at the core area of the Municipality at Ward no-12.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 25 years old with a total site area is 15303.73 square metres. The ownership of land lies with private. The existing number of households is 86 with a total population of 955. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house. The slum belongs to minority based one.

**43.JAKHA DANGA (NORTH)(SC032)**

The project slum site is at the core area of the Municipality at Ward no-12.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 52303.73 square metres. The ownership of land lies with private. The existing number of households is 56 with a total population of 765.

Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

#### **44.GHURU PARA (SC O33A)**

The project slum site is at the core area of the Municipality at Ward no-12.A road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 43116.44 square metres. The ownership of land lies with private. The existing number of households is 63 with a total population of 758. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, 50%street light is provided of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

#### **45.JHAKHA DANGA (SOUTH) SC056**

The project slum site is at the core area of the Municipality at Ward no-12.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 10813.5 square metres. The ownership of land lies with private. The existing number of households is 50 with a total population of 557. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

#### **46. NAMU BAGDANGA (WEST) (SC057)**

The project slum site is at the core area of the Municipality at Ward no-12.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 6940.13 square metres. The ownership of land lies with private. The existing number of households is 104 with a total population of 1558. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house. It is also a very flood porn area.

**47 NAMU BAGDANGA WEST 13 (SC034)**

The project slum site is at the core area of the Municipality at Ward no-13. A metal road is running in front of the slums connects it to major Kandi Municipality. The slums are 25 years old with a total site area is 42458.19 square metres. The ownership of land lies with private. The existing number of households is 90 with a total population of 958. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

**48. NOWAPARA (SC 035)**

The project slum site is at the core area of the Municipality at Ward no-13. A metal road is running in middle of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 104787,9 square metres. The ownership of land lies with private. The existing number of households is 294 with a total population of 2958. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house. It is a highly flood porn area.

**49. BOALIA (SC036)**

The project slum site is at the core area of the Municipality at Ward no-13. A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 25 years old with a total site area is 111686.0 square metres. The ownership of land lies with private. The existing number of households is 191 with a total population of 2259. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house. The slums belongs to sc and minority based one.

**50. PIRTALA CHASA PARA (SC0370)**

The project slum site is at the core area of the Municipality at Ward no-14. A PCCA road is running in front of the slums connects it to major Kandi Municipality. The slums are 55 years old with a total site area is 107250.3 square metres. The ownership of land lies with private. The existing number of households is 127 with a total population of 1375.

Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, 100% street light is provided of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

#### **51.BAGDIPARA (SC038)**

The project slum site is at the core area of the Municipality at Ward no-14.A CONCRETE road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 30212.29 square metres. The ownership of land lies with private. The existing number of households is 126 with a total population of 1306. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, 100 % street light provided of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

#### **52.KATGOLA(SC058)**

The project slum site is at the core area of the Municipality at Ward no-14.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 35 years old with a total site area is 8453.9 square metres. The ownership of land lies with private. The existing number of households is 35 with a total population of 356. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, 100 % stree light is PROVIDED of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

#### **53.BANDHER PARA (SC059)**

The project slum site is at the core area of the Municipality at Ward no-14.A BT road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 6358.0 square metres. The ownership of land lies with private. The existing number of households is 60 with a total population of 455. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is NOT very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.



**54. HOTEL PARA 15 (SC 039)**

The project slum site is at the core area of the Municipality at Ward no-15. A BT road is running in front of the slums connects it to major Kandi Municipality. The slums are 25 years old with a total site area is 11974.31 square metres. The ownership of land lies with private. The existing number of households is 26 with a total population of 558. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, 100% street light is provided of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

**55. JELLO PARA 15 (SC 060)**

The project slum site is at the core area of the Municipality at Ward no-15.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 7138.18 square metres. The ownership of land lies with private. The existing number of households is 18 with a total population of 202. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

**56.COLONY BUSTEE.(SC 061)**

The project slum site is at the core area of the Municipality at Ward no-15.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 1303.73 square metres. The ownership of land lies with private. The existing number of households is 51 with a total population of 958. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, 100% street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

**57.HAZRA PARA 16(SC040)**

The project slum site is at the core area of the Municipality at Ward no-16.A BT road is running in front of the slums connects it to major Kandi Municipality. The slums are 55

years old with a total site area is 30658.29 square metres. The ownership of land lies with private. The existing number of households is 80 with a total population of 959. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling unit are kancha or semi-kancha.

#### **58. LET-KONAI PARA (SC 41)**

The project slum site is at the core area of the Municipality at Ward no-16.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 25 years old with a total site area is 41244.17 square metres. The ownership of land lies with private. The existing number of households is 118 with a total population of 1167. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, 100 % street light is provided of this slum area. There is a big problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house.

#### **59. SAHIS PARA (SC 042)**

The project slum site is at the core area of the Municipality at Ward no-16.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 20326.25 square metres. The ownership of land lies with private. The existing number of households is 97 with a total population of 1058. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road, stree light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

The slum is belongs minority community.

#### **60.PROVAKAR PARA (043)**

The project slum site is at the core area of the Municipality at Ward no-17.A main road is running in front of the slums connects it to major Kandi Municipality. The slums are 27 years old with a total site area is 19837.09 square metres. The ownership of land lies with private. The existing number of households is 58 with a total population of 750. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain,road,100% street light is very poor of this slum area. There is a big

problem of hygienic environment. Most of the present dwelling houses are Mud House and they need pacca house.

**61.BADGI PARA (18).**

The project slum site is at the core area of the Municipality at Ward no-18.A narrow road is running in front of the slums connects it to major Kandi Municipality. The slums are 20 years old with a total site area is 1303.73 square metres. The ownership of land lies with private. The existing number of households is 10 with a total population of 105. Most of the slum dwellers works as casual labour and house maid. Some are engaged is street hawker. Drain, road, street light is very poor of this slum area. There is a big problem of hygienic environment. Most of the present dwelling house are Mud House and they need pacca house.

## Executive Summary

### Project Details

1	Name of the State:	:	<b>West Bengal</b>
2	Name of the District:	:	<b>Murshidabad</b>
3	Name of the City:	:	<b>Kandi</b>
4	Project Name:	:	<b>HFA-KANDI 2019-20</b>
5	Project Cost (Rs. in Lakhs)	:	<b>4048.00</b>
6	Central Share (Rs. in Lakhs)	:	<b>1,500.00</b>
7	State Share (Rs. in Lakhs)	:	<b>2114.00</b>
8	ULB Share (Rs. in Lakhs)	:	<b>184.00</b>
9	Beneficiary share (Rs. in Lakhs)	:	<b>250.00</b>
10	Total Infrastructure Cost (Rs. in Lakhs)	:	<b>368.00</b>
11	Percentage of Infrastructure Cost of Housing Cost	:	<b>10</b>
12	Infrastructure Cost per Dwelling Unit (Rs. in Lakhs)	:	<b>0.368</b>
13	Year of Implementation	:	<b>2019-20</b>
14	Component Housing Construction	:	<b>Beneficiary Led Construction (BLC)</b>
15	SOR Adopted	:	<b>PWD (WB) w.e.f 1.11.17 with current corrigendum</b>

### Project Contributions (Physical + Financial) (Rs. in Lakh)

Sl	Scheme Component	Type	Qty	Unit	Rate (in Rs/Unit)	Proposed Project Cost (In Lakh)	Appraised Project Cost (In Lakh)	Central Share (Rs. 1.5Lakh/ DU)	State Govt. Share (Rs. 1.93Lakh/ DU)	ULB Share @ 0.184 Lakh/ DU	Beneficiaries Share @ 0.25 Lakh/DU)
<b>A. HOUSING</b>											
1	New in-situ										
	Single Storied Units		1000	Nos	368000.00	3,680.00	3,680.00	1,500.00	1,930.00	0.00	250.00
<b>Total Housing Cost Sub Total (A)</b>						<b>3,680.00</b>	<b>3,680.00</b>	<b>1,500.00</b>	<b>1,930.00</b>	<b>0.00</b>	<b>250.00</b>
<b>B. INFRASTRUCTURE</b>											
Sl	Scheme Component	Type	Qty	Unit	Rate (in Rs/Unit)	Proposed Project Cost (In Lakh)	Appraised Project Cost (In Lakh)	Central Share (Rs. in Lakh)	State Govt. Share (@50% ) (in Lakh)	ULB Share (@50% ) (in Lakh)	Beneficiaries Share (in Lakh)
<b>1. ROADS</b>											
		C.C (150M M Thick)	7245.97	Sqm	1488.00	107.82	107.82	0.00	53.91	53.91	0.00

2. WATER SUPPLY											
3 STORM WATER DRAINS											
		C.C.	1535.29	Mtr	16251.00	249.50	249.50	0.00	124.75	124.75	0.00
		Brick	315.10	Mtr	3387.00	10.68	10.68	0.00	5.34	5.34	0.00
<b>Total Infrastructure Cost Sub Total (B)</b>						<b>368.00</b>	<b>368.00</b>	<b>0.00</b>	<b>184.00</b>	<b>184.00</b>	<b>0.00</b>
<b>GRAND TOTAL (A+B)</b>						<b>4048.00</b>	<b>4048.00</b>	<b>1,500.00</b>	<b>2114.00</b>	<b>184.00</b>	<b>250.00</b>

Signature of the ULB level mpetent Technical officer		Signature of the State level Competent Technical Officer	
Name & Designation:	Soumitra Kr. Ghosh,  S.A.EAE Kandi Municipality	Name & Designation: Chief Engineer, MeDte,GoWB Bikash Bhavan,South Block,1 <sup>st</sup> Floor,Salt lake,Kol- 91	
Fax No: 03484-257345		Fax No:	033-23375474
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Signature  
Director(SUDA)

Name & Designation: Debararati Duta Gupta  
Director,SUDA  
Fax No: 033-23585767  
Telephone No: 033-23585767  
E-mail: wbsudadir@gmail.com

Signature of the Mayor/  
Chairperson/Administrator  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY

Name & Designation: Apurba Sarkar,  
Chairman  
Fax No: 03484-257345  
Telephone No: 03484-257346  
E-mail: kandimunicipality@yahoo.com

## Section 8.0 – Description of Proposed Project and Planning

### 8.1 Provision of Housing

There is a provision of construction of dwelling unit to the slum dwellers as well as some selected non-slum area, as per guidance so provided 1334 nos. Of new dwelling units proposed to be constructed in the scheme and some house which be enhanced has taken by for this project.

#### PROPOSED SLUM WISE NO.OF UNIT

SL.NO	Ward No	Name of the Slum	Slum Code	Propose beneficiaries 2019-2020
1	1	Mohonbagan (East)(S.C.-001)	1	12
2	1	Hazra Para (S.C.-002)	2	8
3	1	Mohon Bagan (West) (S.C.-044)	44	12
4	2	Bandhapukur(S.C.-003)	3	0
5	2	Kalabagan-Sirishtola(S.C.-004)	4	6
6	3	Boltala(S.C.-005)	5	5
7	3	Taramatala(S.C.-045)	45	4
8	3	Kurupara(S.C.-046)	46	5
9	4	Namukandi Muslima Para Dompara(S.C.-006)	6	2
10	4	Molla Para Ramsinghpar(S.C.-007)	7	3
11	4	Gopinathpur Konaipara(S.C.-008)	8	2
12	4	Ghoshpara(S.C.-047)	47	8
13	5	Puratanhat(S.C.-009)	9	8
14	5	Mohanbagan-Baganpara(Slum)(S.C.-048)	48	7
15	6	Rajardighir Par(S.C.-010)	10	27
16	6	Chokupara(S.C.-011)	11	18
17	6	Adirapara(S.C.-012)	12	39
18	6	Talarpar(S.C.-013)	13	12
19	7	Rasorah Bagdipara(S.C.-014)	14	20
20	7	Ghoshpara(West)(S.C.-015)	15	15

21	7	Rosora Paschimpara(S.C.-016)	16	30
22	7	Muchipara(S.C.-049)	49	3
23	8	Ghasipara(S.C.-017)	17	12
24	8	Umapara(S.C.-018)	18	29
25	8	Muchipara(S.C.-019)	19	4
26	8	Baganpara(S.C.-020)	20	9
27	8	Ghoshpara(S.C.-021)	21	5
28	8	Nilkanthapur(S.C.-050)	50	15
29	9	Bauripara(S.C.-022)	22	20
30	9	Hazrapara(S.C.-023)	23	8
31	9	Raghunathpur(S.C.-024)	24	20
32	9	Tantipara(S.C.-025)	25	12
33	10	Konaipara Ghoshpara(S.C.-026)	26	40
34	10	Hablipara(S.C.-027)	27	25
35	10	Harisagarpar(S.C.-028)	28	16
36	10	Bagdipara Jelopara(S.C.-051)	51	4
37	10	Gourtaia Bani Sangha Ground(S.C.-052)	52	15
38	11	Shibrambati (Baropara) (S.C.-029)	29	25
39	11	Bijaynagar Talarpar (S.C.-030)	30	24
40	11	Hotel Para (S.C.-053)	53	16
41	11	CHANDAL PARA-N- (S.C. -054)	54	6
42	11	Shiborambati Monglapara- N- (S.C. - 055)	55	11
43	12	Namubagdanga(East)(S.C.-031)	31	7
44	12	Jokhadanga(North)(S.C.-032)	32	7
45	12	Ghurupara(S.C.-033)	33	7
46	12	Jakhadanga-South(S.C.-056)	56	7
47	12	Namu Bagdanga-West(S.C.-057)	57	7

48	13	Namubagdanga(West)(S.C.-034)	34	15
49	13	Noapara(S.C.-035)	35	58
50	13	Boalia(S.C.-036)	36	20
51	14	Pirtola Chasapara(S.C.-037)	37	5
52	14	Bagdipara(S.C.-038)	38	3
53	14	Kathgola(S.C.-058)	58	3
54	14	Bandherpara(S.C.-059)	59	12
55	15	Hotel Para(S.C.-039)	39	5
56	15	Jelopara(S.C.-060)	60	4
57	15	Coloni(S.C.-061)	61	10
58	16	Hazrapara(S.C.-040)	40	10
59	16	Let-Konaipara(S.C.-041)	41	10
60	16	Sashipara(S.C.-042)	42	10
61	17	Prabhakarpara(S.C.-043)	43	15
62	18	Bagdipara(S.C.-038)	038	32
		<b>TOTAL</b>		<b>809</b>



**PROPOSED WARD WISE NON-SLUM NO.OF UNIT**

2019-2020		
Sl.No	Ward number	Propose beneficiaries 2019-2020
1	1	15
2	2	14
3	3	5
4	4	18
5	5	5
6	6	5
7	7	22
8	8	0
9	9	14
10	10	0
11	11	12
12	12	10
13	13	0
14	14	12
15	15	19
16	16	15
17	17	7
18	18	18
	<b>TOTAL</b>	<b>191</b>

## 8.2 BASIS OF PLANNING

On the basis of Demand survey the no of dwelling unit of proposed household and infrastructure details, like roads, drains, electrification are identified and taken for implement by this project.

### Background

Housing activities are known to have the capacity to play a significant role in social-economic development, because they help not only in creation of shelter for the people by also in generating employment opportunities for a large variety skilled and unskilled work force which is a prerequisite for growth and development of settlement. A considerable section of the people without land are in a still worse position as housing schemes for the poor have hither to been targeted on paper but not applied in practice. Both the serviced land and shelter have become beyond the reach for half of the population-hence formation of slums, encroachments, informal colonies and unauthorized constructions. No land is earmarked for Economically Weaker Sections and Low Income Groups in Master Plan. The population density norms are required to re-look to enable better utilization of valuable land, as certain areas in the city. This growing slum population and the lack of basic facilities like water and sanitation will badly impact on overall development and prosperity of urban centres like Municipality.

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

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

### Financial Implementation:

**Beneficiary led Participation:** implies development of housing by involvement of Beneficiary

### Tasks:

- ☐ Composition of beneficiaries and organizing the area meetings.
- ☐ Involvement of community and sustainable livelihood framework (SLF) in decision making

and prioritization of needs of the slum.

☒ Understating of Social-economic profile

### **Post Project Monitoring**

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

**Section 9 – Project Cost Estimate****9.1. Slum wise Infrastructure cost estimate****9.1.1 Component wise Infrastructure for each slum/Non slums area**

SL. NO	SLUM NAME	SLUM CODE	DWELLING UNIT	Road C.C (0.150 MM Thick) In Sqm	Drain (In Mtr)	
					CC	BRICK
1	Mohonbagan (East)(S.C.-001)	1	12	0.00	27.17	0.00
2	Hazra Para (S.C.-002)	2	8	0.00	18.12	0.00
3	Mohon Bagan (West) (S.C.-044)	44	12	0.00	27.17	0.00
4	Bandhapukur(S.C.-003)	3	0	0.00	0.00	0.00
5	Kalabagan-Sirishtola(S.C.-004)	4	6	0.00	0.00	65.19
6	Boltala(S.C.-005)	5	5	0.00	11.32	0.00
7	Taramatala(S.C.-045)	45	4	0.00	0.00	43.46
8	Kurupara(S.C.-046)	46	5	0.00	0.00	54.33
9	Namukandi Muslima Para Dompara(S.C.-006)	6	2	0.00	0.00	21.73
10	Molla Para Ramsinghpar(S.C.-007)	7	3	0.00	0.00	32.60
11	Gopinathpur Konaipara(S.C.-008)	8	2	0.00	0.00	21.73
12	Ghoshpara(S.C.-047)	47	8	0.00	18.12	0.00
13	Puratanhat(S.C.-009)	9	8	0.00	18.12	0.00
14	Mohanbagan-Baganpara(Slum)(S.C.-048)	48	7	0.00	0.00	76.06
15	Rajardighir Par(S.C.-010)	10	27	0.00	61.14	0.00
16	Chokupara(S.C.-011)	11	18	0.00	40.76	0.00
17	Adirapara(S.C.-012)	12	39	964.50	0.00	0.00
18	Talarpar(S.C.-013)	13	12	0.00	27.17	0.00
19	Rasorah Bagdipara(S.C.-014)	14	20	494.60	0.00	0.00

20	Ghoshpara(West)(S.C.-015)	15	15	370.95	0.00	0.00
21	Rosora Paschimpara(S.C.-016)	16	30	741.92	0.00	0.00
22	Muchipara(S.C.-049)	49	3	74.15	0.00	0.00
23	Ghasipara(S.C.-017)	17	12	0.00	27.17	0.00
24	Umapara(S.C.-018)	18	29	0.00	65.67	0.00
25	Muchipara(S.C.-019)	19	4	0.00	9.06	0.00
26	Baganpara(S.C.-020)	20	9	0.00	20.38	0.00
27	Ghoshpara(S.C.-021)	21	5	0.00	11.32	0.00
28	Nilkanthapur(S.C.-050)	50	15	0.00	33.97	0.00
29	Bauripara(S.C.-022)	22	20	0.00	45.29	0.00
30	Hazrapara(S.C.-023)	23	8	197.85	0.00	0.00
31	Raghunathpur(S.C.-024)	24	20	0.00	45.29	0.00
32	Tantipara(S.C.-025)	25	12	0.00	27.17	0.00
33	Konaipara Ghoshpara(S.C.-026)	26	40	0.00	90.58	0.00
34	Hablipara(S.C.-027)	27	25	618.25	0.00	0.00
35	Harisagarpar(S.C.-028)	28	16	0.00	36.23	0.00
36	Bagdipara Jelopara(S.C.-051)	51	4	0.00	9.06	0.00
37	Gourtala Bani Sangha Ground(S.C.-052)	52	15	370.95	0.00	0.00
38	Shibrambati (Baropara) (S.C.-029)	29	25	0.00	56.61	0.00
39	Bijaynagar Talarpar (S.C.-030)	30	24	593.55	0.00	0.00
40	Hotel Para (S.C.-053)	53	16	0.00	36.23	0.00
41	CHANDAL PARA-N- (S.C. -054)	54	6	148.35	0.00	0.00
42	Shiborambati Monglapara- N- (S.C. - 055)	55	11	272.04	0.00	0.00
43	Namubagdanga(East)(S.C.-031)	31	7	0.00	15.85	0.00
44	Jokhadanga(North)(S.C.-032)	32	7	0.00	15.85	0.00
45	Ghurupara(S.C.-033)	33	7	0.00	15.85	0.00

46	Jakhdanga-South(S.C.-056)	56	7	0.00	15.85	0.00
47	Namu Bagdanga-West(S.C.-057)	57	7	0.00	15.85	0.00
48	Namubagdanga(West)(S.C.-034)	34	15	370.95	0.00	0.00
49	Noapara(S.C.-035)	35	58	1434.41	0.00	0.00
50	Boalia(S.C.-036)	36	20	494.60	0.00	0.00
51	Pirtola Chasapara(S.C.-037)	37	5	0.00	11.32	0.00
52	Bagdipara(S.C.-038)	38	3	0.00	6.79	0.00
53	Kathgola(S.C.-058)	58	3	0.00	6.79	0.00
54	Bandherpara(S.C.-059)	59	12	0.00	27.17	0.00
55	Hotel Para(S.C.-039)	39	5	0.00	11.32	0.00
56	Jelopara(S.C.-060)	60	4	98.90	0.00	0.00
57	Coloni(S.C.-061)	61	10	0.00	22.64	0.00
58	Hazrapara(S.C.-040)	40	10	0.00	22.64	0.00
59	Let-Konaipara(S.C.-041)	41	10	0.00	22.64	0.00
60	Sshispara(S.C.-042)	42	10	0.00	22.64	0.00
61	Prabhakarpara(S.C.-043)	43	15	0.00	33.97	0.00
62	Bagdipara(S.C.-038)	38	32	0.00	72.46	0.00
<b>TOTAL</b>			<b>809</b>	<b>7245.97</b>	<b>1102.75</b>	<b>315.10</b>

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## 9.1.2. Non-Slum Infrastructure Details

SL. NO	Ward no (Instead of Non-slum name)	DWELLING UNIT	DRAIN (In Meter)
1	1	15	33.97
2	2	14	31.70
3	3	5	11.32
4	4	18	40.76
5	5	5	11.34
6	6	5	11.34
7	7	22	49.82
8	8	0	0.00
9	9	14	31.70
10	10	0	0.00
11	11	12	27.17
12	12	10	22.64
13	13	0	0.00
14	14	12	27.17
15	15	19	43.03
16	16	15	33.97
17	17	7	15.85
18	18	18	40.76
<b>TOTAL=</b>		<b>191</b>	<b>432.54</b>

## 9.1.3 Slum and Non Slum Infrastructure Estimated Budget

SL. NO	DESCRIPTION OF WORK		QUANTITY (Slum )	UNIT	RATE PER UNIT (In Rs.)	TOTAL COST (In Lakhs.)
	CONSTRUCTION	CONCRETE (0.150 MM Thick)	7245.97	Sqm	1488.00	107.82
		DRAIN CONCRETE	1102.75	Mtr	16251.00	179.21
		DRAIN BRICK	315.10	Mtr.	3387.00	10.68
<b>TOTAL=</b>						<b>297.71</b>

SL. NO	DESCRIPTION OF WORK		QUANTITY (Non Slum )	UNIT	RATE PER UNIT (In Rs.)	TOTAL COST (In Rs.)
1	DRAIN	CONCRETE	432.54	Mtr.	16251.00	70.29
<b>TOTAL=</b>						<b>70.29</b>

## 10. Budget:

## 10.1 Slum Wise Budget For Dwelling Unit and Infrastructure for The Year 2019-2020

SL. NO	SLUM NAME	SLUM CODE	DWELLING UNIT	Amount per Dwelling unit (In Lakhs)	Amount in Lakhs	Infrastructure related cost (In Lakhs)	Total
1	Mohonbagan (East)(S.C.-001)	1	12	3.68	44.16	4.416	48.576
2	Hazra Para (S.C.-002)	2	8	3.68	29.44	2.944	32.384



3	Mohon Bagan (West) (S.C.-044)	44	12	3.68	44.16	4.416	48.576
4	Bandhapukur(S.C.-003)	3	0	3.68	0	0	0
5	Kalabagan-Sirishtola(S.C.-004)	4	6	3.68	22.08	2.208	24.288
6	Boltala(S.C.-005)	5	5	3.68	18.4	1.84	20.24
7	Taramatala(S.C.-045)	45	4	3.68	14.72	1.472	16.192
8	Kurupara(S.C.-046)	46	5	3.68	18.4	1.84	20.24
9	Namukandi Muslima Para Dompara(S.C.-006)	6	2	3.68	7.36	0.736	8.096
10	Molla Para Ramsinghpar(S.C.-007)	7	3	3.68	11.04	1.104	12.144
11	Gopinathpur Konaipara(S.C.-008)	8	2	3.68	7.36	0.736	8.096
12	Ghoshpara(S.C.-047)	47	8	3.68	29.44	2.944	32.384
13	Puratanhat(S.C.-009)	9	8	3.68	29.44	2.944	32.384
14	Mohanbagan-Baganpara(Slum)(S.C.- 048)	48	7	3.68	25.76	2.576	28.336
15	Rajardighir Par(S.C.-010)	10	27	3.68	99.36	9.936	109.296
16	Chokupara(S.C.-011)	11	18	3.68	66.24	6.624	72.864
17	Adirapara(S.C.-012)	12	39	3.68	143.52	14.352	157.872
18	Talarpar(S.C.-013)	13	12	3.68	44.16	4.416	48.576
19	Rasorah Bagdipara(S.C.-014)	14	20	3.68	73.6	7.36	80.96
20	Ghoshpara(West)(S.C.-015)	15	15	3.68	55.2	5.52	60.72
21	Rosora Paschimpara(S.C.-016)	16	30	3.68	110.4	11.04	121.44
22	Muchipara(S.C.-049)	49	3	3.68	11.04	1.104	12.144
23	Ghasipara(S.C.-017)	17	12	3.68	44.16	4.416	48.576
24	Umapara(S.C.-018)	18	29	3.68	106.72	10.672	117.392
25	Muchipara(S.C.-019)	19	4	3.68	14.72	1.472	16.192

26	Baganpara(S.C.-020)	20	9	3.68	33.12	3.312	36.432
27	Ghoshpara(S.C.-021)	21	5	3.68	18.4	1.84	20.24
28	Niikanthapur(S.C.-050)	50	15	3.68	55.2	5.52	60.72
29	Bauripara(S.C.-022)	22	20	3.68	73.6	7.36	80.96
30	Hazrapara(S.C.-023)	23	8	3.68	29.44	2.944	32.384
31	Raghunathpur(S.C.-024)	24	20	3.68	73.6	7.36	80.96
32	Tantipara(S.C.-025)	25	12	3.68	44.16	4.416	48.576
33	Konaipara Ghoshpara(S.C.-026)	26	40	3.68	147.2	14.72	161.92
34	Hablipara(S.C.-027)	27	25	3.68	92	9.2	101.2
35	Harisagarpar(S.C.-028)	28	16	3.68	58.88	5.888	64.768
36	Bagdipara Jelopara(S.C.-051)	51	4	3.68	14.72	1.472	16.192
37	Gourtala Bani Sangha Ground(S.C.-052)	52	15	3.68	55.2	5.52	60.72
38	Shibrambati (Baropara) (S.C.-029)	29	25	3.68	92	9.2	101.2
39	Bijaynagar Talarpar (S.C.-030)	30	24	3.68	88.32	8.832	97.152
40	Hotel Para (S.C.-053)	53	16	3.68	58.88	5.888	64.768
41	CHANDAL PARA-N- (S.C. -054)	54	6	3.68	22.08	2.208	24.288
42	Shiborambati Monglapara- N- (S.C. -055)	55	11	3.68	40.48	4.048	44.528
43	Namubagdanga(East)(S.C.-031)	31	7	3.68	25.76	2.576	28.336
44	Jokhadanga(North)(S.C.-032)	32	7	3.68	25.76	2.576	28.336
45	Ghurupara(S.C.-033)	33	7	3.68	25.76	2.576	28.336
46	Jakhadanga-South(S.C.-056)	56	7	3.68	25.76	2.576	28.336
47	Namu Bagdanga-West(S.C.-057)	57	7	3.68	25.76	2.576	28.336
48	Namubagdanga(West)(S.C.-034)	34	15	3.68	55.2	5.52	60.72

49	Noapara(S.C.-035)	35	58	3.68	213.44	21.344	234.784
50	Boalia(S.C.-036)	36	20	3.68	73.6	7.36	80.96
51	Pirtola Chasapara(S.C.-037)	37	5	3.68	18.4	1.84	20.24
52	Bagdipara(S.C.-038)	38	3	3.68	11.04	1.104	12.144
53	Kathgola(S.C.-058)	58	3	3.68	11.04	1.104	12.144
54	Bandherpara(S.C.-059)	59	12	3.68	44.16	4.416	48.576
55	Hotel Para(S.C.-039)	39	5	3.68	18.4	1.84	20.24
56	Jelopara(S.C.-060)	60	4	3.68	14.72	1.472	16.192
57	Coloni(S.C.-061)	61	10	3.68	36.8	3.68	40.48
58	Hazrapara(S.C.-040)	40	10	3.68	36.8	3.68	40.48
59	Let-Konaipara(S.C.-041)	41	10	3.68	36.8	3.68	40.48
60	Sshispara(S.C.-042)	42	10	3.68	36.8	3.68	40.48
61	Prabhakarpara(S.C.-043)	43	15	3.68	55.2	5.52	60.72
62	Bagdipara(S.C.-038)	38	32	3.68	117.76	11.776	129.536
<b>TOTAL</b>			<b>809</b>		<b>2977.12</b>	<b>297.712</b>	<b>3274.832</b>

### 10.2. Non Slum Budget For Dwelling Unit and Infrastructure for The Year 2019-2020

SL. NO	Ward no (Instead of Non-slum name)	DWELLING UNIT	Amount per Dwelling unit (In Lakhs)	Amount in Lakhs	Infrastructure related cost (In Lakhs)	Total	DRAIN (In Meter)
1	1	15	3.68	55.2	5.52	60.72	33.97
2	2	14	3.68	51.52	5.152	56.672	31.70
3	3	5	3.68	18.4	1.84	20.24	11.32
4	4	18	3.68	66.24	6.624	72.864	40.76
5	5	5	3.68	18.4	1.84	20.24	11.34
6	6	5	3.68	18.4	1.84	20.24	11.34
7	7	22	3.68	80.96	8.096	89.056	49.82
8	8	0	3.68	0	0	0	0.00

9	9	14	3.68	51.52	5.152	56.672	31.70
10	10	0	3.68	0	0	0	0.00
11	11	12	3.68	44.16	4.416	48.576	27.17
12	12	10	3.68	36.8	3.68	40.48	22.64
13	13	0	3.68	0	0	0	0.00
14	14	12	3.68	44.16	4.416	48.576	27.17
15	15	19	3.68	69.92	6.992	76.912	43.03
16	16	15	3.68	55.2	5.52	60.72	33.97
17	17	7	3.68	25.76	2.576	28.336	15.85
18	18	18	3.68	66.24	6.624	72.864	40.76
TOTAL=		191		702.88	70.288	773.168	432.54

Detailed Estimates


  
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## 10.3. Detailed Estimate of Provision of Housing

**DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE  
Pradhan Mantri Awas Yojana Housing For All (Urban)**

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

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

Floor Area 25.77 sqm

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

	foundation. <b>SOR, PWD, P-1, T/3 a</b>				
3	Supplying Laying Polithin Sheets etc. <b>SOR, PWD, P-45, T - 13</b>	22.000	sqm	25.00	550.00
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering.a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety <b>SOR, PWD, Page 24 ; Item -10 a</b>	3.500	cu.m.	5823.00	20380.50
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete. <b>SOR, PWD, P-45, T-12</b>	6.810	sqm,	297.00	2022.57
6	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. b) In super structure <b>SOR, PWD, P-29, T -22(a), (b)</b>	10.430 15.240	cum cum	5719.00 5943.00	59649.17 90571.32
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor <b>SOR, PWD, P-73, I -29</b>	23.220	sq.m.	783.00	18181.26
8	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety <b>SOR, PWD, P-14, T -7(i)</b>	3.940	cu.m.	6851.66	26995.54

9	<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.</p> <p><b>SOR, PWD, P-27, T -15(i)</b></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).</p> <p>(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.)</p> <p><b>SOR, PWD, P-66, T -12(a)</b> 25 mm. to 30 mm. thick wooden shuttering as per decision &amp; direction of Engineer-in-charge. Ground Floor</p>	37.063	M <sup>2</sup>	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.</p> <p>A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster <b>SOR, PWD, P-151, T -2 (i)(b)</b></p> <p>b) Out side Wall, 15mm th. <b>SOR, PWD, P-151, I -2 (i)(c)</b></p> <p>B)10mm th ceiling plaster (4:1) <b>SOR, PWD, P-151, I -2 (i)(c)</b></p>	116.940	sq.m.	181.00	21166.14
		111.950	sq.m.	156.00	17464.20
		23.330	sq.m.	140.00	3266.20

12	Neat cement punning about 1.5mm thick in wall, dado, window, sills, floor, drain etc. <b>SOR, PWD, P-152, I -8</b>	26.700	sq.m.	38.00	1014.60
13	Artificial stone in floor,dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick <b>SOR, PWD, P-40, I -3 (i)</b>	26.490	sq.m.	265.00	7019.85
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1)a fitted and fixed omplete as per direction. 40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) <b>SOR, PWD, P-90, I -18 (c)</b>	34	each	22.00	748.00
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood <b>SOR, PWD, P-85, T -1(i)</b>	0.213	cu.m.	46171.00	9834.42
16	Panel Shutter of door & Window (each Panal Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panal of size 30 to 45 cm. Other Local wood <b>SOR, PWD, P-105, I -84 (iv)c</b>	8.520	sq.m.	1567.00	13350.84
17	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a)75mm x 47mm x 1.70mm <b>SOR, PWD, P-91, T -20(iv)</b>	32.000	each	34.00	1088.00

18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia <b>SOR, PWD P-93, I-25,c</b>	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats <b>SOR, PWD, P-155, I -3 (b)</b>	124.960	%sq.m.	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothening surface thoroughly external surface One Coat <b>SOR, PWD, P-155, I - 4(ii)(a)</b>	100.560	%sq.m.	1514.00	1522.48
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand papering etc. 1) On timber surface <b>SOR, PWD, P - 162, I - 7(a)</b> 2) On Steel Surface <b>SOR, PWD, P - 162, I - 7(b)</b>	21.690	sq.m.	41.00	889.29
		2.700	sq.m.	31.00	83.70
22	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : With super gloss (hi-gloss)-With any shade except white. a) On timber or plastered surface Two Coats b) On Steel surface Two Coats <b>SOR, PWD, P - 162, - 8A(aii),(bii)</b>	21.690	sq.m.	89.00	1930.41
		2.700	sq.m.	86.00	232.20
23	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16 mm dia with center bolt and round fitting. 300 mm long <b>SOR, PWD, P-93, I - 27c</b>	2.000	each	193.00	386.00



24	Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item <b>will not be</b> issued by deppt. <b>SOR, PWD, P-32, I - 38 (b)</b>	1.690	sq.m.	351.00	593.19
25	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials ( Spun yarn, valamoid / bitumen / M. seal etc.) complete. <b>P-173, I-21 A (ii), C(ii), D(ii)</b> <b>SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)</b>				
	i) UPVC Pipe 110 mm dia	3.000	Mtr.	291.00	873.00
	ii) UPVC Bend 87.5 degree 110 mm dia	2.000	each	162.00	324.00
	iii) UPVC Shoe 110 mm	1.000	each	128.00	128.00
26	M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. Grill weighing 10 kg/sq m to16 kg/m2 <b>SOR, PWD, P - 76, I - 10 (i)</b> <b>(2.70sqm @ 10.5kg per sqm = 28.35 kg)</b>	0.284	Qntl	8247.00	2342.15
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied ,fitted and fixed in position (excluding cost of concrete for fixing). 450 mm long <b>SOR, PWD, (Sanitary) P - 65, I - 1 (iii)</b>	1.000	each	1062.00	1062.00
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including adding colour as necessary. <b>SOR, PWD, (Sanitary) P - 66, I - 9</b>	1.000	Pair	70.00	70.00

29	Supplying,fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed surface. S Trap 100 mm <b>SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)</b>	1.000	each	923.00	923.00
30	Supplying, fitting fixing CI Round Gratings 150mm dia <b>SOR, PWD, (Sanitary) P - 55, I - 18(ii)</b>	1.000	Each	100.00	100.00
	Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement mortar (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 75m. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plastering and neat cement punning on top of the slab and making hooking arrangement on slab for lifting of the slab if require as well as jointing the connection with the inspection pit (450 x 450) covered with 50mm thick RCC slab (4:2:1) with stone chips and necessary reinforcement and connected with 100 mm dia PVC pipe laid over rammed earth and then covered the pipe properly with powder earth including supplying fitting fixing fibre glass pan P-tap & polythene pipe as per requirement to connect with the inspection pit complete with all respect as per direction of EIC.(ANNEXURE-II)	1	Item	7544.00	7544.00
<b>TOTAL AMOUNT</b>			<b>Rs.</b>	<b>350000.36</b>	
Say			<b>Rs.</b>	<b>350000.00</b>	
<b>Add for Electrical Works (ANNEXURE-I)</b>			<b>Rs.</b>	<b>18000.00</b>	
<b>TOTAL AMOUNT</b>			<b>Rs.</b>	<b>368000.00</b>	
<b>(Rupees Three lakh Sixty eight thousands only)</b>					

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

As a first step, States/UTs will sign a Memorandum of Agreement (MoA) to participate in the mission by agreeing to mandatory conditions and other modalities. A copy of the MoA to be signed between State/UT and Centre is placed at Annexure 3.

States/UTs will send proposals to the Ministry for inclusion of cities in the mission along with broad assessment of housing and resources requirement. Ministry will approve inclusion of these cities considering availability of resources. The credit linked subsidy component of the mission will, however, be implemented in all statutory cities/towns across the country right from the launch of the mission.

State/Cities will undertake a demand survey through suitable means for assessing the actual demand of housing. While validating demand survey, States/Cities should consider possible temporary migration from rural areas to the city just to take advantage of housing scheme and exclude such migrants from list of beneficiaries. On the basis of demand survey and other available data, cities will prepare Housing for All Plan of Action (HFAPoA). HFAPoA should contain the demand of housing by eligible beneficiaries in the city along with the interventions selected out of four verticals. The information regarding beneficiaries should be collected by States/UTs in suitable formats but must contain the information as in Annexure 4. While preparing HFAPoA, State/UT and Implementing Agencies should also consider the affordable housing stock already available in the city as Census data suggests that large number of houses are vacant.

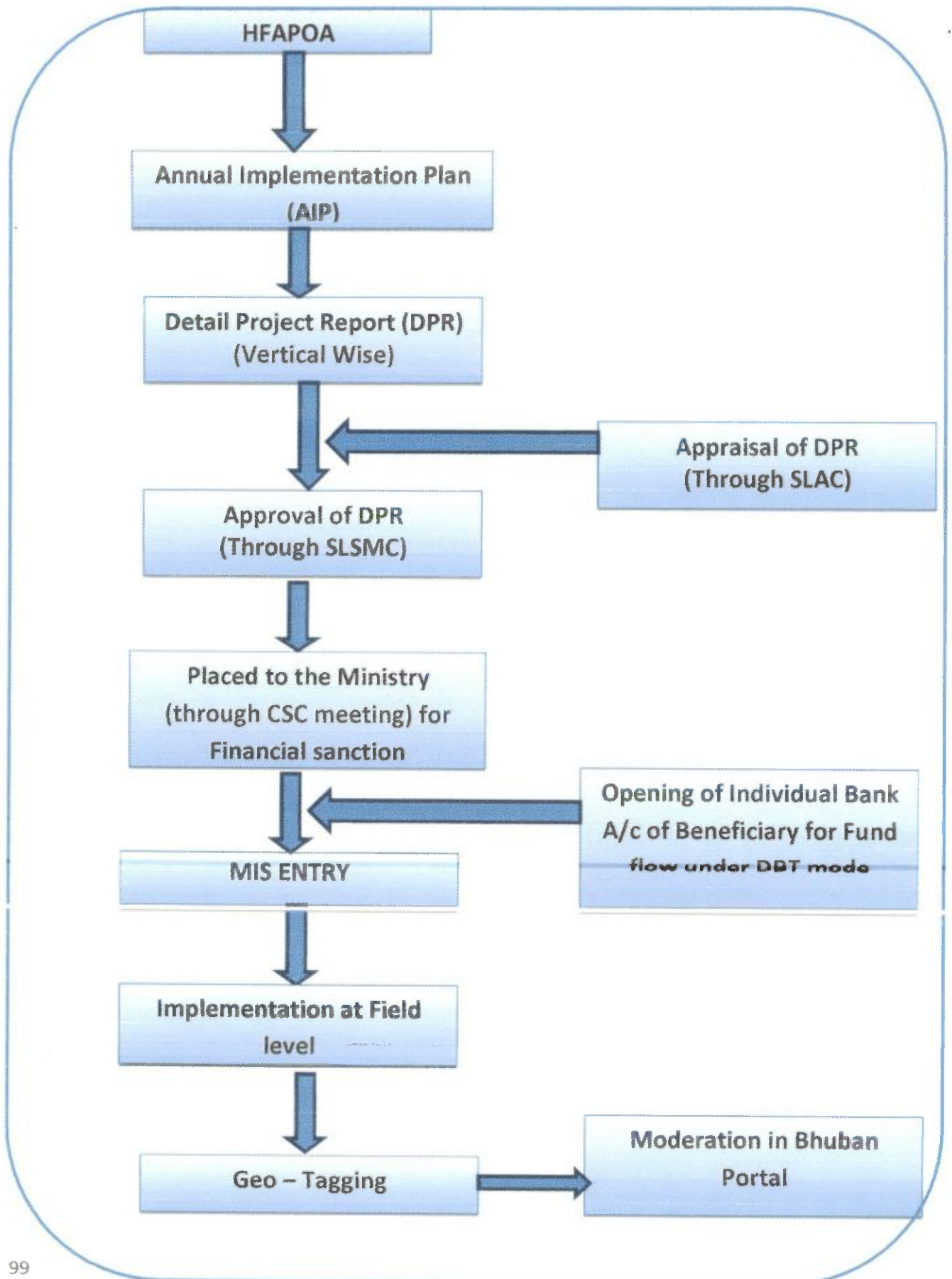
Jan Dhan Yojana/other bank account number and Aadhaar number/Voter ID card/any other unique identification details of intended beneficiaries or a certificate of house ownership from Revenue Authority of beneficiary's native district will be integrated in the data base of HFAPoA for avoiding duplication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

On the basis of HFAPoA, States/Cities will subsequently prepare the Annual Implementation Plans (AIPs) dividing the task upto 2022 in view of the availability of resources and priority. For larger cities, HFAPoA and AIPs can be prepared at sub-city (ward/zone etc.) level with the approval of concerned State/UT Government.

The result of demand survey, draft HFAPoA and draft AIP should be discussed with the local representatives including MLAs and MPs of that area so that their views are adequately factored in while finalising the plans and beneficiary list.

Cities which have already prepared Slum Free City Plan of Action (SFCPoA) or any other housing plan with data on housing, should utilise the existing plan and data for preparing "Housing for All Plan of Action" (HFAPoA). Houses constructed under various schemes should be accounted for while preparing HFAPoA & AIP. Flow Chart for preparing HFAPoA is placed below. The formats for the HFAPoA and AIP are kept at Annexure 5 & 6 respectively.

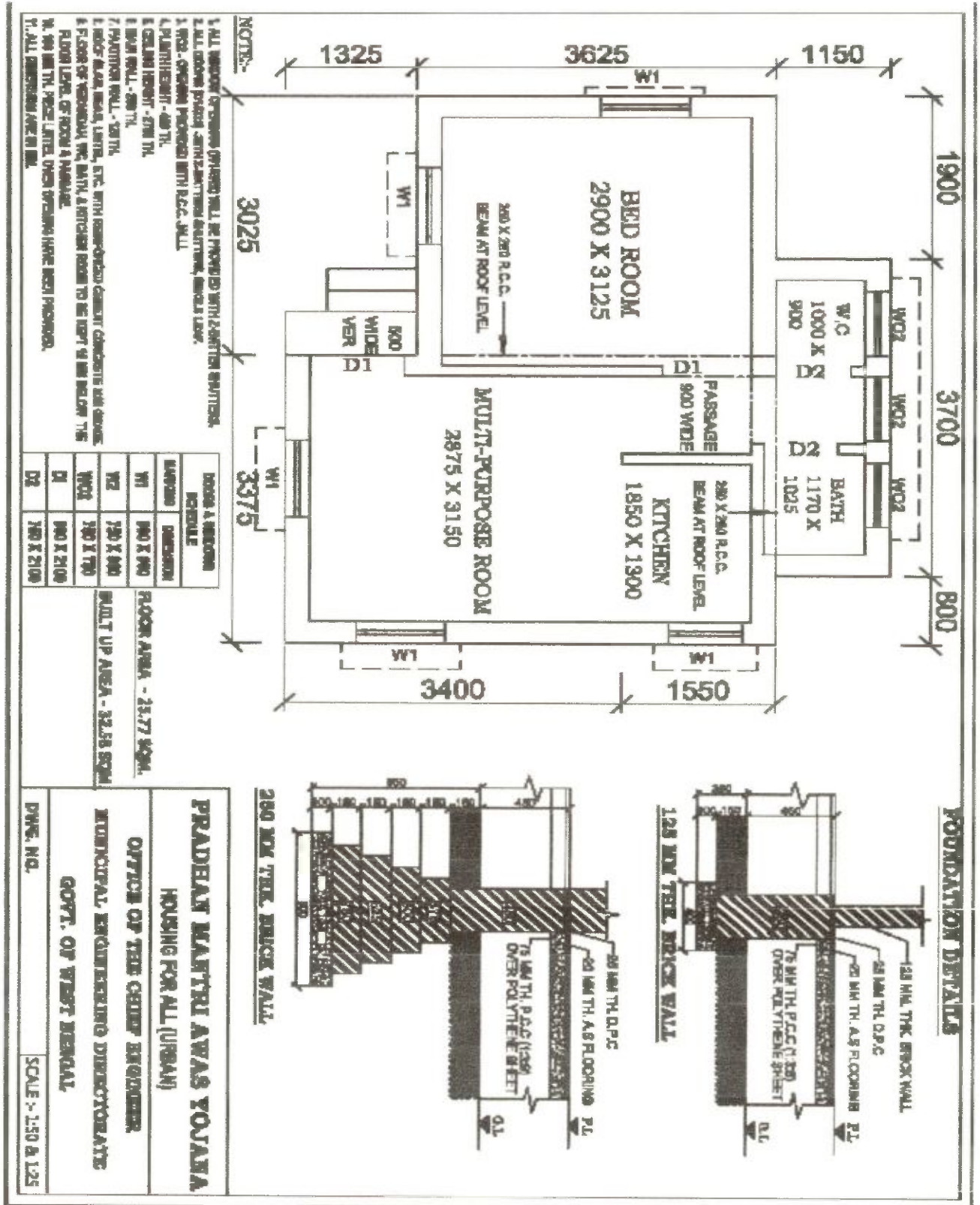
### Work flow of PMAY – HFA (U) for 2018-19



Section 13

Drawings:

13.1 Architectural and structural drawings of buildings.



13.2 Proposed household projection map As a Sample.

স্থানঃ- কান্দী পৌরসভা

তারিখ :- ৩১/০১/২০২০

সময়- দুপুর ১২.০০ টা

উপস্থিত সভ্যবৃন্দ

অপূর্ব সরকার

অজয় বড়াল

স্নিগ্ধা দত্ত

চন্দন হাজরা

গৌতম রায়

গৌরী সিংহ বিশ্বাস

মুনমুন সিনহা

পম্পা দাস (কৈবর্ত্য)

সুরত চক্রবর্তী

সামিউন খাতুন

কৃষ্ণ চন্দ্র ঘোষ

গুরুপ্রসাদ মুখার্জী

দেবল দাস

অনুপ দাস

স্বাক্ষর

অ সরকার

অজয় বড়াল

স্নিগ্ধা দত্ত

চন্দন হাজরা

জি. রায়

গৌরী সিংহ বিশ্বাস

মুনমুন সিনহা

পম্পা দাস (কৈবর্ত্য)

সুরত চক্রবর্তী

সামিউন খাতুন

কৃষ্ণ চন্দ্র ঘোষ

গুরুপ্রসাদ মুখার্জী

দেবল দাস

অনুপ দাস

সভাপতি আসন গ্রহণ করিলে সভার কার্য শুরু হইল।

গত সভার কার্যবিবরণীগুলি পঠিত ও দৃষ্টিকৃত হইল।

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সভায় সুদা কর্তৃক প্রেরিত পত্র নং SUDA 449/2019/8698, dt. 20/01/2020 টির বিষয়ে বিস্তারিত আলোচনা হইল। এই প্রসঙ্গে কান্দী পৌরসভায় বর্তমান HFA প্রকল্পের গৃহের চাহিদা অনুসারে গৃহের সংখ্যা বৃদ্ধির জন্য সভাপতি কর্তৃক প্রেরিত পত্র নং 203/I-K.M./2020, dt. 21/01/2020 টির বিষয়েও বিস্তারিত আলোচনা হইল এবং উক্ত চাহিদা পূরণের লক্ষ্যে ২০১৯-২০ আর্থিক বছরের জন্য ১০০০ (এক হাজার) জন HFA উপভোক্তার তালিকা সভায় পেশ করা হইল এবং বিস্তারিত আলোচনার পর উক্ত উপভোক্তার তালিকাটি সভা সর্ব সন্মত ভাবে অনুমোদন করিল। এই মর্মে কান্দী পৌরসভার HFA স্কীমের ২০১৯-২০ আর্থিক বছরের জন্য প্রস্তুত Detailed Project Report (DPR) সভায় উপস্থাপিত হইল এবং তাহা সর্ব সন্মত ভাবে অনুমোদিত হইল। উক্ত অনুমোদিত উপভোক্তা তালিকা সহ DPR টি উপযুক্ত কর্তৃপক্ষের নিকট জমা দেওয়ার জন্য সভা সভাপতি মহাশয় কে দায়িত্ব অর্পন করিল।

*Atul*  
Chairman  
Kandi Municipality

স্বাক্ষর

সভাপতি

কান্দী পৌরসভা



OFFICE OF THE BOARD OF COUNCILLORS OF  
**KANDI MUNICIPALITY**

Po. & Ps.- Kandi, Dist.- Murshidabad

Email: [chairmankandimunicipality@gmail.com](mailto:chairmankandimunicipality@gmail.com)

Ph No 03484-257345

**DECLARATION**

I, the undersigned, declare to your good self that **Annexure 7C** which is submitted along with the PMAY-HFA 2019-20 DPR, **Containing Caste Category & Gender** for Beneficiary Led Constructions (BLC) that there will be no change therein. We also declare that we will strictly adhere to the PMAY-HFA(U) guidelines.

*Signature of Chairman  
Kandi Municipality*

CHAIRMAN  
KANDI MUNICIPALITY



INFRASTRUCTURE ESTIMATE & DRAWING

## Construction Storm Water Drain at Mohonbagan (East) Slum NO. - 01, at Ward No. 01

*As per S. O. R 2015 P. W. D (Building) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per 100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,893.00

Rs.	14366.44
Add GST @ 12 % as applicable	Rs. 1723.97
Sub total	Rs. 16090.41
Add Labour welfare cess @ 1 %	Rs. 160.90
Total	Rs. 16251.31

Per Metr. Cost=  
27.17 Mtr Drain=

Say Rs.	16251.00
Rs.	441540.00

Prepared By -

*S. A. E.*

Kandi Municipality

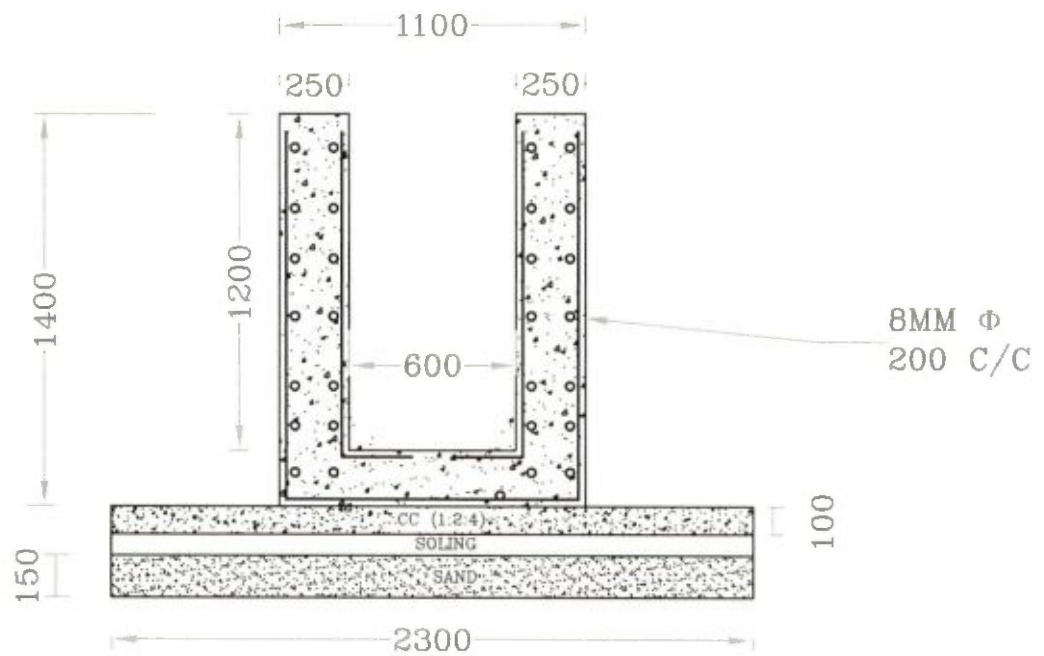
SAE  
Kandi Municipality

*Chairman*  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

# Construction Storm Water Drain at Mohonbagan ( East ) Slum NO. - 01, at Ward NO. - 01

Length: 27.17mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Hazrapara Slum, NO. - 002, at Ward No. 01

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
-	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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( tv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propert position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 ( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
18.12 Mtr Drain=

Say Rs. 16251.00

Rs. 294468.00

Prepared By -

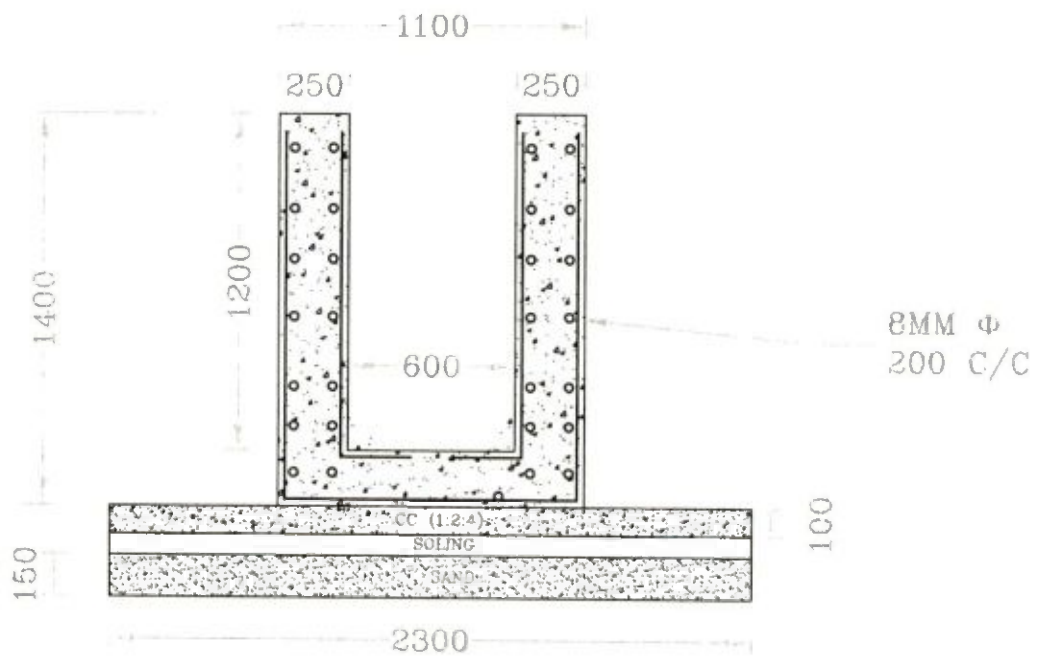
  
**S. A. E.**  
Kandi Municipality  
SAE  
Kandi Municipality

  
**Chairman**  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at Hazrapara  
Slum, NO. - 002, at Ward No. 01

Length: 18.12mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Mohonbagan (West) Slum NO. - 44, at Ward No. 01

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a )}	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A )}	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
-	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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv )}	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c )}	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
>	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c )}	5.20	sqm	365.00	1,898.00

Rs. 14566.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
27.17 Mtr Drain=

Say Rs. 16251.00

Rs. 441540.00

Prepared By -

*S. A. E.*

**Kandi Municipality**

**Chairman**

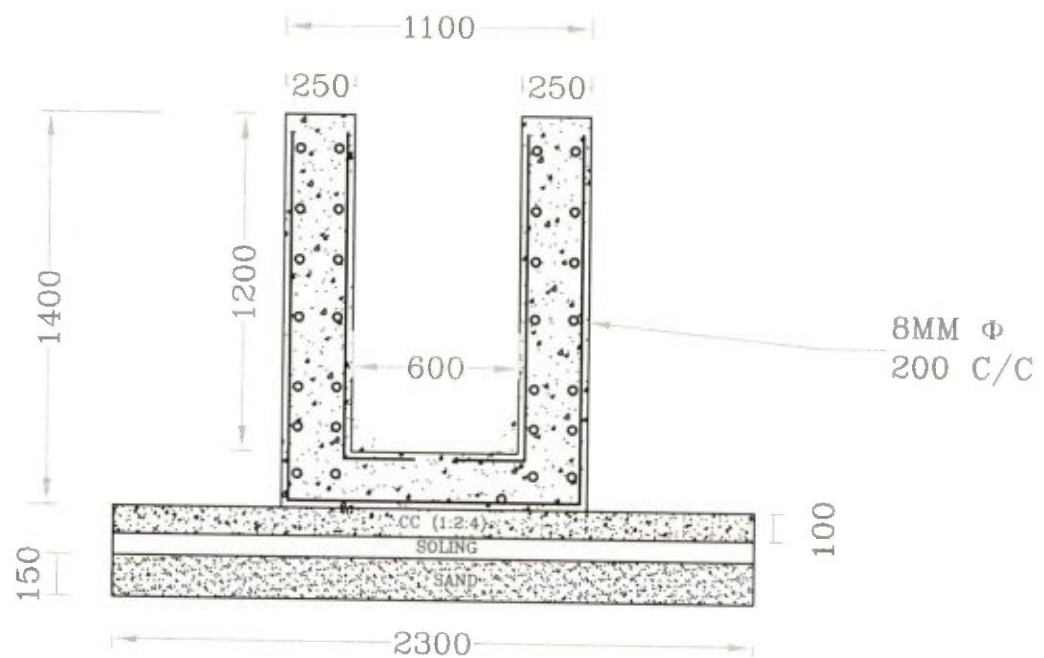
**Kandi Municipality**

Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

# Construction Storm Water Drain at Mohonbagan (West) Slum NO. - 44, at Ward No. 01

Length: 27.17 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction of Drain at Kalabagan-Sirishtola(S.C.-004) , at Ward No. 02**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	1.01	Cum	119.27	120.46
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.17	cum	599.61	98.94
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	1.10	sqm	324.00	356.40
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.11	cum	5189	570.79
4	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth { Page NO. - 15 Item NO. - 8 ( a ) }	0.30	Cum	4928.00	1,478.40
7	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] (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1( ii ) ( c ) }	2.10	Sqm	142.00	298.20
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	2.10	Sqm	34.00	71.40

Rs. 2994.59

Add GST @ 12 % as applicable Rs. 359.35

Sub total Rs. 3353.94

Add Labour welfare cess @ 1 % Rs. 33.54

Total Rs. 3387.48

Per Metr. Cost=  
65.19 Mtr Drain=

Say Rs. 3387.00

Rs. 220799.00

Prepared By -

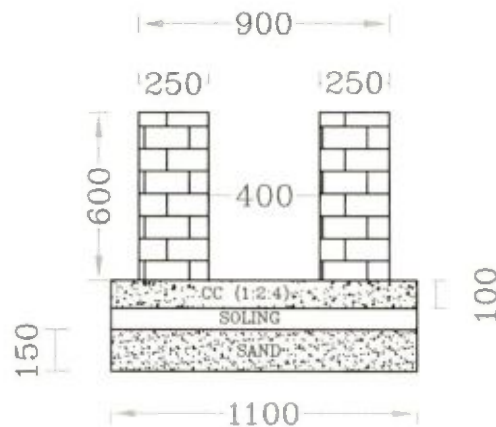
  
 S/A. E.  
 Kandi Municipality  
 SAE  
 Kandi Municipality

  
 Chairman  
 Kandi Municipality  
 CHAIRMAN  
 KANDI MUNICIPALITY



Construction of Drain at  
Kalabagan-Sirishtola(S.C.-004) , at Ward No. 02

Length: 65.19 mtr.



Drawn By:

S.A.E.  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Boltala(S.C.-005) , at Ward No. 03**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
	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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 ( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
11.32 Mtr Drain=

Say Rs. 16251.00

Rs. 183961.00

Prepared By -

  
S. A. E.  
Kandi Municipality

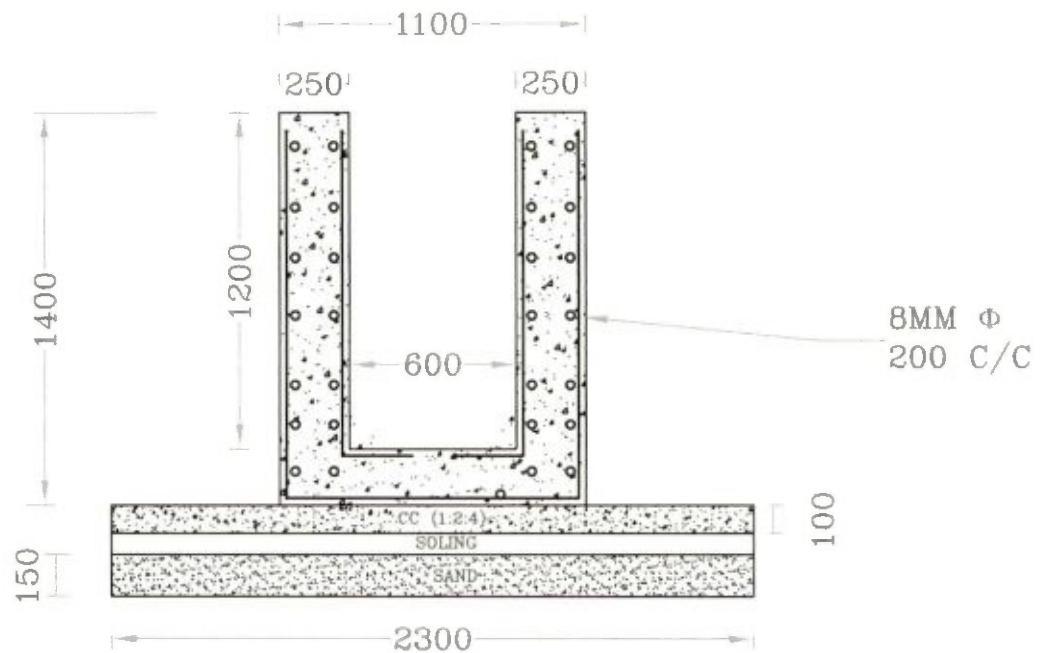
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

# Construction Storm Water Drain at Boltala(S.C.-005) , at Ward No. 03

Length: 11.32 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction of Drain at Taramatala(S.C.-045) , at Ward No. 03

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	1.01	Cum	119.27	120.46
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.17	cum	599.61	98.94
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	1.10	sqm	324.00	356.40
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.11	cum	5189	570.79
4	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth { Page NO. - 15 Item NO. - 8 ( a ) }	0.30	Cum	4928.00	1,478.40
7	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] (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 (ii) ( c ) }	2.10	Sqm	142.00	298.20
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	2.10	Sqm	34.00	71.40

Rs. 2994.59

Add GST @ 12 % as applicable Rs. 359.35

Sub total Rs. 3353.94

Add Labour welfare cess @ 1 % Rs. 33.54

Total Rs. 3387.48

Per Metr. Cost=  
43.46 Mtr Drain=

Say Rs. 3387.00

Rs. 147199.00

Prepared By -

  
S. A. E.  
Kandi Municipality

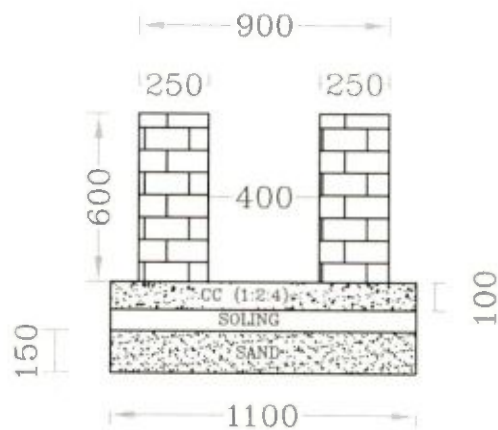
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction of Drain at Taramatala(S.C.-045) , at  
Ward No. 03

Length: 43.46 mtr.



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction of Drain at Kurupara(S.C.-046) , at Ward No. 03

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	1.01	Cum	119.27	120.46
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.17	cum	599.61	98.94
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	1.10	sqm	324.00	356.40
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.11	cum	5189	570.79
4	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth { Page NO. - 15 Item NO. - 8 ( a ) }	0.30	Cum	4928.00	1,478.40
7	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] (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	2.10	Sqm	142.00	298.20
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	2.10	Sqm	34.00	71.40

Rs. 2994.59

Add GST @ 12 % as applicable Rs. 359.35

Sub total Rs. 3353.94

Add Labour welfare cess @ 1 % Rs. 33.54

Total Rs. 3387.48

Per Metr. Cost=  
54.33 Mtr Drain=

Say Rs. 3387.00

Rs. 184016.00

Prepared By -

  
S. A. E.  
Kandi Municipality

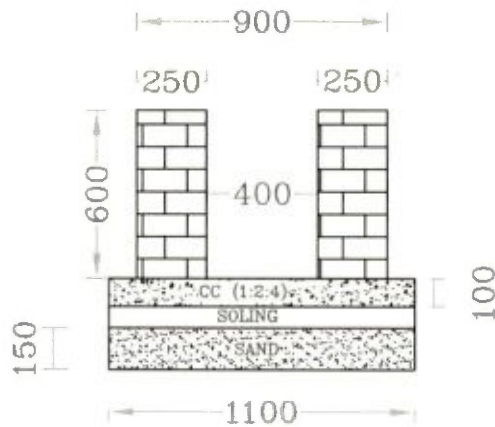
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction of Drain at Kurupara(S.C.-046) ,  
at Ward No. 03

Length: 54.33 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction of Drain at Namukandi Muslim Para Dompapa(S.C.-006), at Ward No. 04**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	1.01	Cum	119.27	120.46
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.17	cum	599.61	98.94
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	1.10	sqm	324.00	356.40
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.11	cum	5189	570.79
4	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth { Page NO. - 15 Item NO. - 8 ( a ) }	0.30	Cum	4928.00	1,478.40
7	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] (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 (ii) ( c ) }	2.10	Sqm	142.00	298.20
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per 100 sq.m. ( Page - 192 Item - 15 )	2.10	Sqm	34.00	71.40

Rs. 2994.59

Add GST @ 12 % as applicable Rs. 359.35

Sub total Rs. 3353.94

Add Labour welfare cess @ 1 % Rs. 33.54

Total Rs. 3387.48

Per Metr. Cost=  
21.73 Mtr Drain=

Say Rs. 3387.00

Rs. 73600.00

Prepared By -

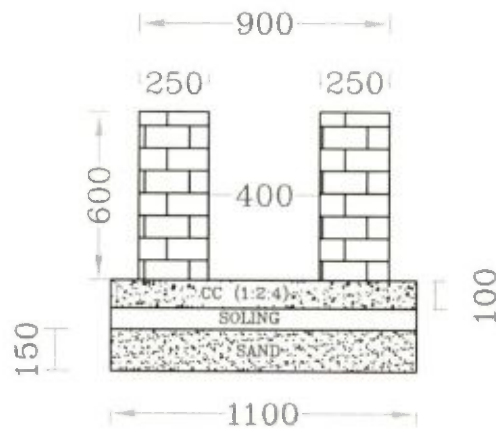
  
S.A.E.  
Kandi Municipality  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY



Namukandi Muslima Para Dompara(S.C.-006),  
at Ward No. 04

Length: 21.73 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
CHAIRMAN  
KANDI MUNICIPALITY

Chairman/  
Vice Chairman

## Construction of Drain at Molla Para Ramsinghpar(S.C.-007), at Ward No. 04

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	1.01	Cum	119.27	120.46
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.17	cum	599.61	98.94
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	1.10	sqm	324.00	356.40
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.11	cum	5189	570.79
5	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth { Page NO. - 15 Item NO. - 8 ( a ) }	0.30	Cum	4928.00	1,478.40
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] (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 (ii) ( c ) }	2.10	Sqm	142.00	298.20
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	2.10	Sqm	34.00	71.40

Rs. 2994.59

Add GST @ 12 % as applicable Rs. 359.35

Sub total Rs. 3353.94

Add Labour welfare cess @ 1 % Rs. 33.54

Total Rs. 3387.48

Per Metr. Cost=

Say Rs. 3387.00

32.60 Mtr Drain=

Rs. 110416.00

Prepared By -

  
S. A. E.  
Kandi Municipality

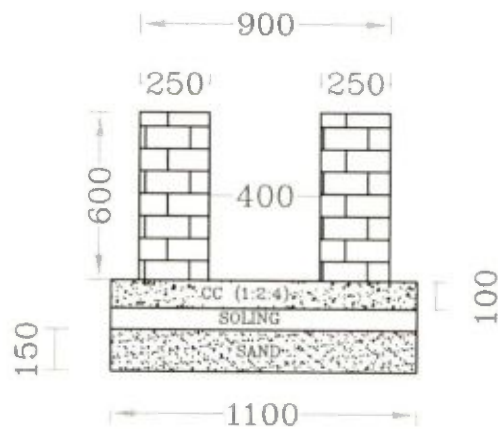
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction of Drain at Molla Para  
Ramsinghpar(S.C.-007), at Ward No. 04

Length: 32.60 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction of Drain at Gopinathpur Konaipara(S.C.-008) at Ward NO. - 04

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	1.01	Cum	119.27	120.46
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.17	cum	599.61	98.94
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	1.10	sqm	324.00	356.40
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.11	cum	5189	570.79
4	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth { Page NO. - 15 Item NO. - 8 ( a ) }	0.30	Cum	4928.00	1,478.40
7	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] (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	2.10	Sqm	142.00	298.20
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	2.10	Sqm	34.00	71.40

Rs. 2994.59

Add GST @ 12 % as applicable Rs. 359.35

Sub total Rs. 3353.94

Add Labour welfare cess @ 1 % Rs. 33.54

Total Rs. 3387.48

Per Metr. Cost=  
21.73 Mtr Drain=

Say Rs. 3387.00

Rs. 73600.00

Prepared By -

  
S. A. E.  
Kandi Municipality

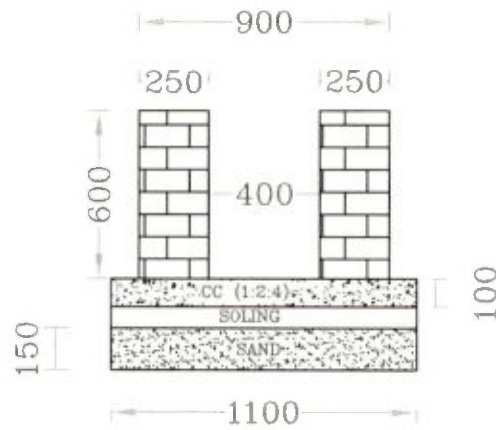
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction of Drain at Gopinathpur  
Konaipara(S.C.-008) at Ward NO. - 04

Length: 21.73 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Ghoshpara(S.C.-047) , at Ward No. 04

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propert position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 ( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

	Rs.	14366.44
Add GST @ 12 % as applicable	Rs.	1723.97
Sub total		Rs. 16090.41
Add Labour welfare cess @ 1 %	Rs.	160.90
Total		Rs. 16251.31
Per Metr. Cost=		Say Rs. 16251.00
18.12 Mtr Drain=		Rs. 294468.00

Prepared By -

  
S.A. E.  
Kandi Municipality

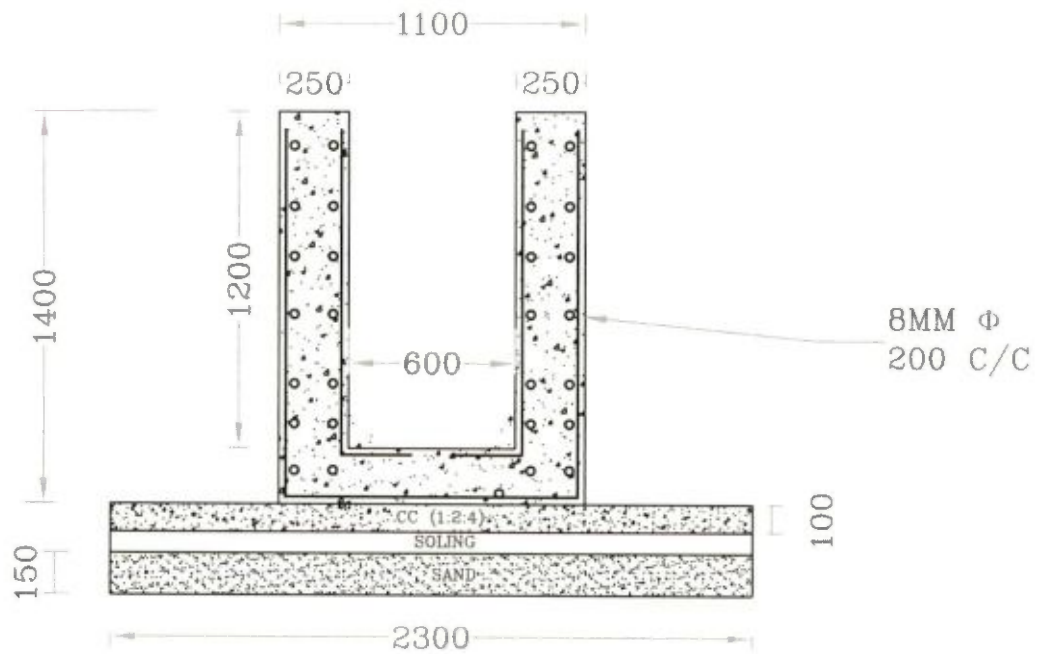
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at  
Ghoshpara(S.C.-047) , at Ward No. 04

Length: 18.12 mtr.



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Puratanhat(S.C.-009), at Ward No. 05

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
-	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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 ( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
18.12 Mtr Drain=

Say Rs. 16251.00

Rs. 294468.00

Prepared By -

  
S. A. E.  
Kandi Municipality

SAE  
Kandi Municipality

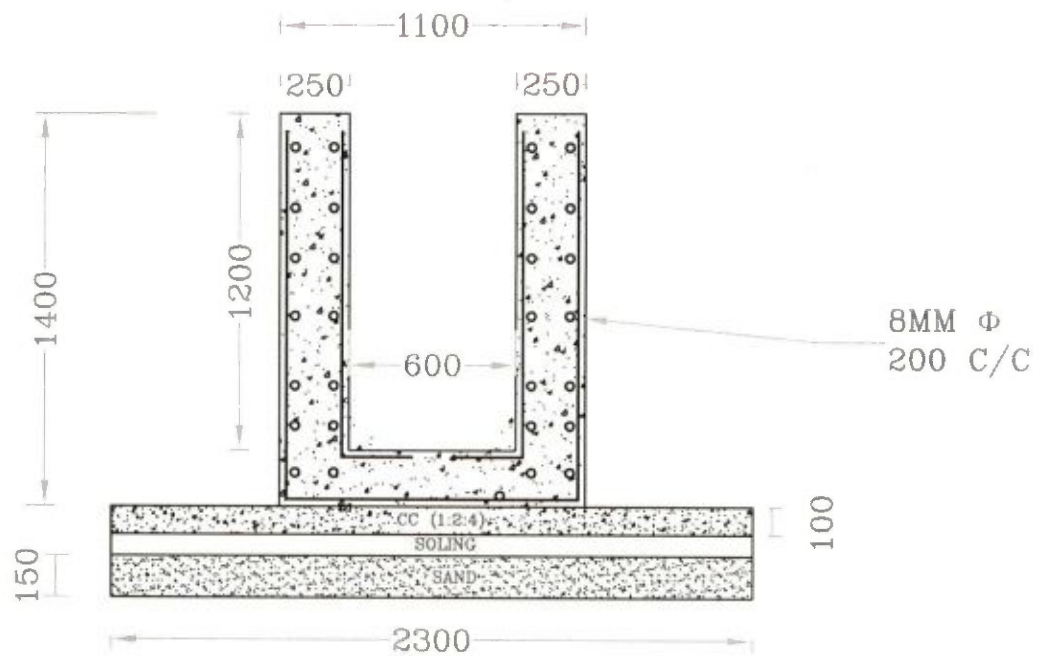
  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY



Construction Storm Water Drain at  
Puratanhat(S.C.-009), at Ward No. 05

Length: 18.12 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction of Drain at Mohanbagan-Baganpara(Slum)(S.C.-048) at Ward NO. - 05

*As per S. O. R 2015 P. W. D. ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	1.01	Cum	119.27	120.46
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.17	cum	599.61	98.94
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	1.10	sqm	324.00	356.40
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.11	cum	5189	570.79
4	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth { Page NO. - 15 Item NO. - 8 ( a ) }	0.30	Cum	4928.00	1,478.40
7	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] (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	2.10	Sqm	142.00	298.20
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	2.10	Sqm	34.00	71.40

Rs. 2994.59

Add GST @ 12 % as applicable Rs. 359.35

Sub total Rs. 3353.94

Add Labour welfare cess @ 1 % Rs. 33.54

Total Rs. 3387.48

Per Metr. Cost=  
76.06 Mtr Drain=

Say Rs. 3387.00

Rs. 257615.00

Prepared By -

  
S. A. E.  
Kandi Municipality

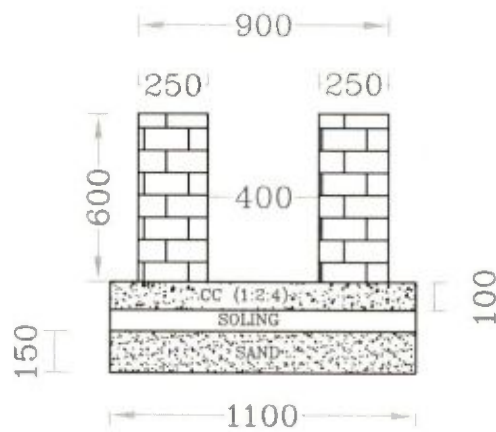
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction of Drain at  
Mohanbagan-Baganpara(Slum)(S.C.-048) at Ward NO. - 05

Length: 76.06 mtr.



Drawn By:

  
S. P. E.  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Rajardighir Par(S.C.-010), at Ward No. 06

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
-	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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

	Rs.	14366.44
Add GST @ 12 % as applicable	Rs.	1723.97
	Sub total Rs.	16090.41
Add Labour welfare cess @ 1 %	Rs.	160.90
	Total Rs.	16251.31
	Say Rs.	16251.00
	Rs.	993586.09

Per Metr. Cost=  
**61.14 Mtr Drain=**

Prepared By -

*S/A. E.*

**Kandi Municipality**

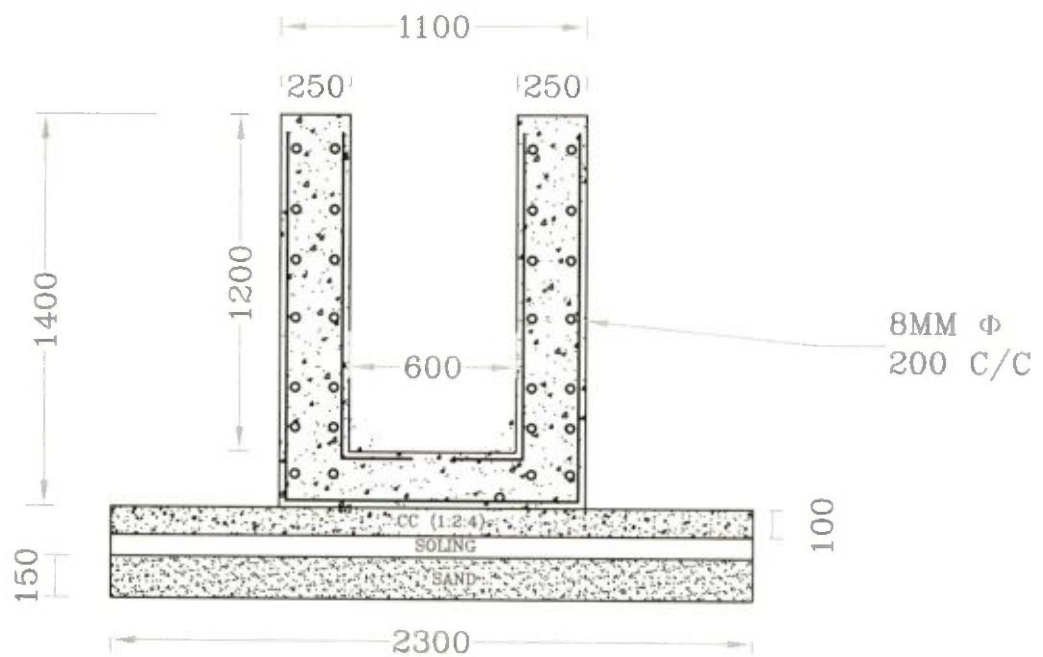
SAE  
Kandi Municipality

**Chairman  
Kandi Municipality**

**CHAIRMAN  
KANDI MUNICIPALITY**

Construction Storm Water Drain at Rajardighir  
Par(S.C.-010), at Ward No. 06

Length: 61.14 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Chokupara Slum (S.C.-011) at Ward NO. - 06

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
	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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propert position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 (ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
40.76 Mtr Drain=

Say Rs. 16251.00

Rs. 662391.00

Prepared By -

  
S.A.E.  
Kandi Municipality

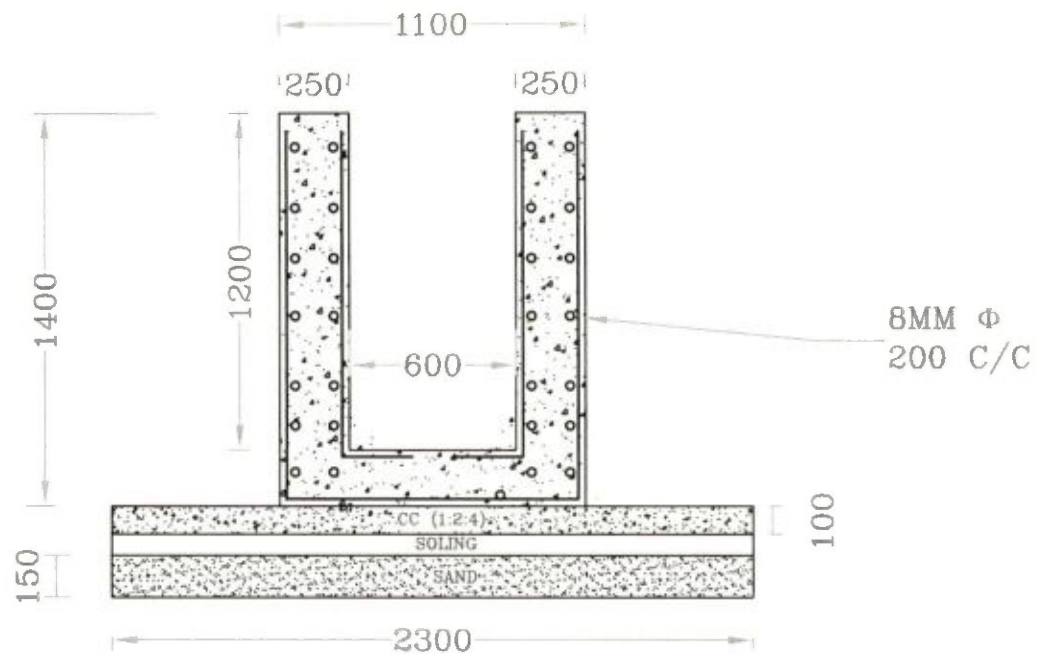
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

# Construction Storm Water Drain at Chokupara Slum (S.C.-011) at Ward NO. - 06

Length: 40.76 mtr.



Drawn By:

*SAE*  
Kandi Municipality

*[Signature]*  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at Adirapara(S.C.-012), at Ward No. 06**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A )}	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	3.50	sqm	324.00	1,134.00
-	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. { Page NO.- 26 Item NO. - 10 ( i )}	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f )}	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
Sub total	Rs.	5157.77
Add Labour welfare cess @ 1 %	Rs.	51.58
Total	Rs.	5209.35
Say	Rs.	5209.00
	Rs.	1435176.00

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)=**

**Rate Per Sqm= 1488.00/- , 964.50 Sqm Road =1488x954.50sqm**

Prepared By -

S. A. E.  
Kandi Municipality

SAE  
Kandi Municipality

  
**Chairman**  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY



Development of road at Adirapara (S.C.-012),  
at Ward No. - 06

Length: 964.5 Sqm .



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Talarpar(S.C.-013), at Ward No. 06**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
-	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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
27.17 Mtr Drain=

Say Rs. 16251.00

Rs. 441540.00

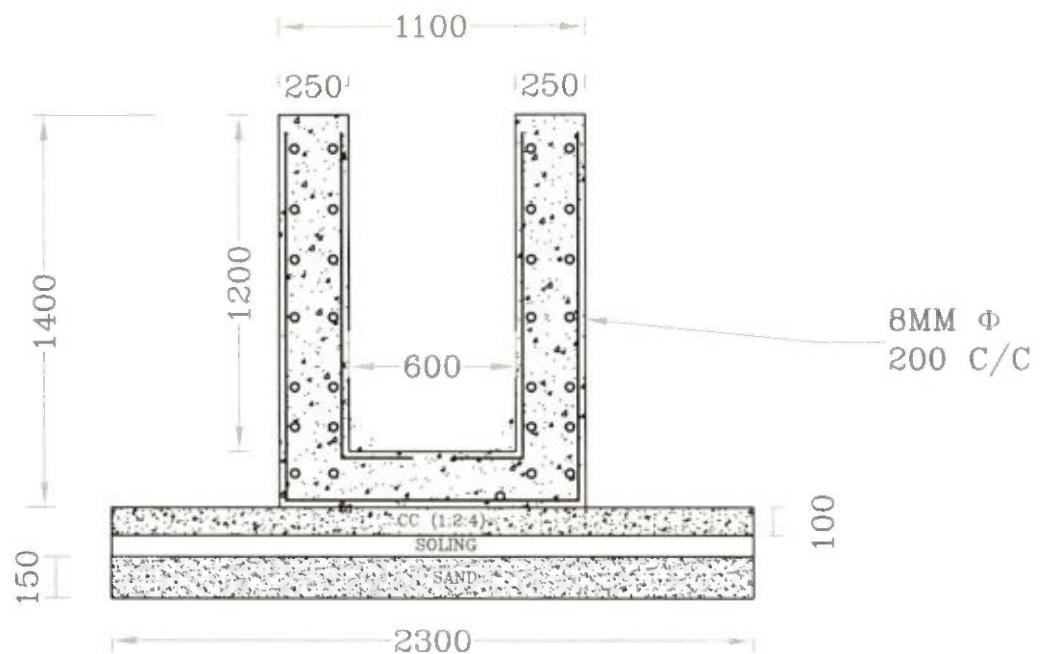
Prepared By -

  
S. A. E.  
Kandi Municipality  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY

# Construction Storm Water Drain at Talarpar(S.C.-013), at Ward No. 06

Length: 27.17 mtr.



Drawn By:

*[Signature]*  
SXE  
Kandi Municipality

*[Signature]*  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at Rasorah Bagdipara(S.C.-014), Ward No 07**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i ) }	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f ) }	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
<b>Sub total</b>	<b>Rs.</b>	<b>5157.77</b>
Add Labour welfare cess @ 1 %	Rs.	51.58
<b>Total</b>	<b>Rs.</b>	<b>5209.35</b>
<b>Say</b>	<b>Rs.</b>	<b>5209.00</b>

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)=**

**Rate Per Sqm= 1488.00/- , 494.60 Sqm Road =1488x494.60sqm=**

Rs. 735965.00

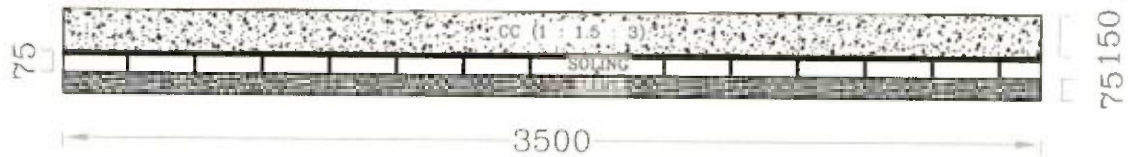
Prepared By -

S. A. J.  
— Kandi Municipality  
SAE  
Kandi Municipality

  
**Chairman**  
**Kandi Municipality**  
**CHAIRMAN**  
**KANDI MUNICIPALITY**

Development of road at Rasorah  
Bagdipara(S.C.-014), Ward No 07

Length: 494.60 Sqm.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at Ghoshpara(West)(S.C.-015), Ward No 07**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i ) }	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f ) }	0.30	sqm	205.00	61.50

Rs. 4605.15

Add GST @ 12 % as applicable Rs. 552.62

Sub total Rs. 5157.77

Add Labour welfare cess @ 1 % Rs. 51.58

Total Rs. 5209.35

Say Rs. 5209.00

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)**

**Rate Per Sqm= 1488.00/- , 370.95 Sqm Road =1488x370.95sqm=**

**551974.00**

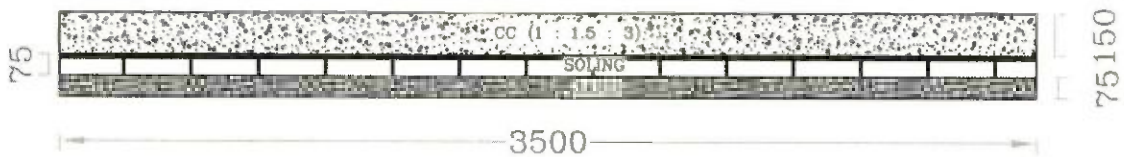
Prepared By -

S. A. E.  
Kandi Municipality  
  
SAE  
Kandi Municipality

  
**Chairman**  
Kandi Municipality  
**CHAIRMAN**  
KANDI MUNICIPALITY

Development of road at Development of road at  
Ghoshpara ( West ) ( S.C.-015 ), Ward No - 07

Length: 370.95 Sqm .



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at Rosora Paschimpara(S.C.-016), at Ward No. 07**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	3.50	sqm	324.00	1,134.00
	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. { Page NO.- 26 Item NO. - 10 ( i ) }	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f ) }	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
	Sub total Rs.	5157.77
Add Labour welfare cess @ 1 %	Rs.	51.58
	Total Rs.	5209.35
	Say Rs.	5209.00
	Rs.	1103977.00

Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)

Rate Per Sqm= 1488.00/- , 741.92 Sqm Road =1488x741.92 sqm =

Pr ed By -

S. A. E.  
Kandi Municipality  
SAE  
Kandi Municipality

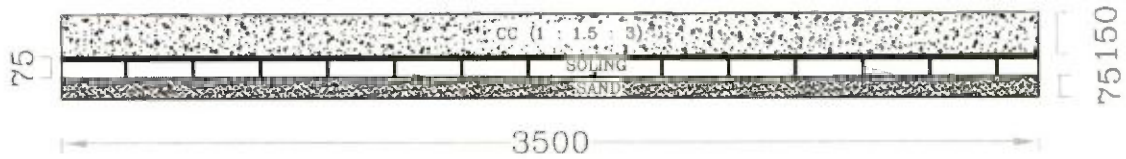
  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY



Development of road at Rosora Paschimpara  
(S.C.-016), at Ward No. - 07

Length: 741.92 Sqm .



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at Muchipara(S.C.-049) , Ward No 07**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD. (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A )}	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i )}	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f )}	0.30	sqm	205.00	61.50

Rs. 4605.15

Add GST @ 12 % as applicable Rs. 552.62

Sub total Rs. 5157.77

Add Labour welfare cess @ 1 % Rs. 51.58

Total Rs. 5209.35

Say Rs. 5209.00

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick(for 3.50 Sqm)=**

**Rate Per Sqm= 1488.00/- , 74.15 Sqm Road =1488x74.15sqm=**

**Rs. 110335.00**

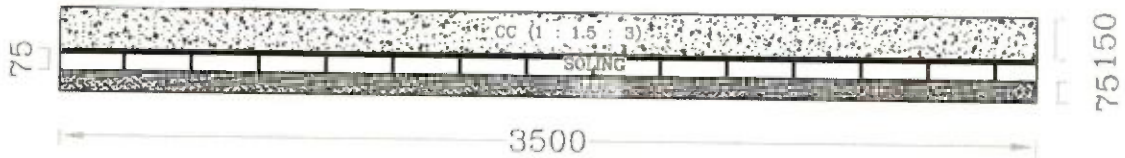
Prepared By -

S. A. E.  
Kandi Municipality  
*SAE*  
Kandi Municipality

  
Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY

Development of road at Muchipara(S.C.-049) ,  
Ward NO. - 07

Length: 74.15 Sqm.



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

### Construction Storm Water Drain at Ghasipara(S.C.-017), at Ward No. 08

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
27.17 Mtr Drain=

Say Rs. 16251.00

Rs. 441540.00

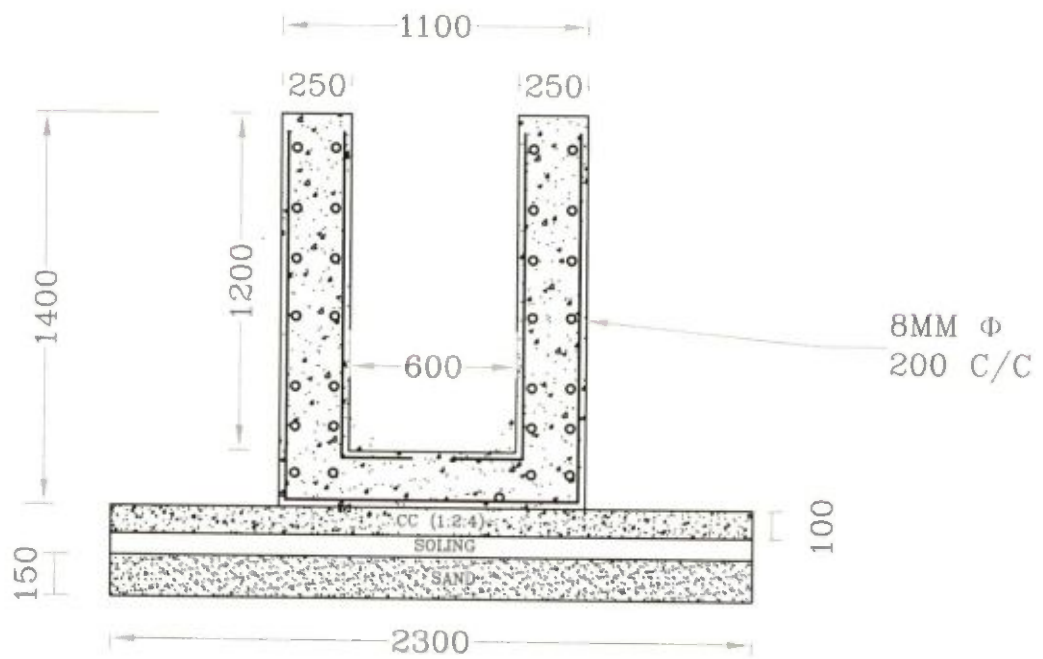
Prepared By -

  
A. E.  
Kandi Municipality  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY


Construction Storm Water Drain at  
Ghasipara(S.C.-017), at Ward No. 08

Length: 27.17 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Umapara(S.C.-018), at Ward No. 08

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
65.67 Mtr Drain=

Say Rs. 16251.00

Rs. 1067203.00

Prepared By -

*SAE*  
Kandi Municipality

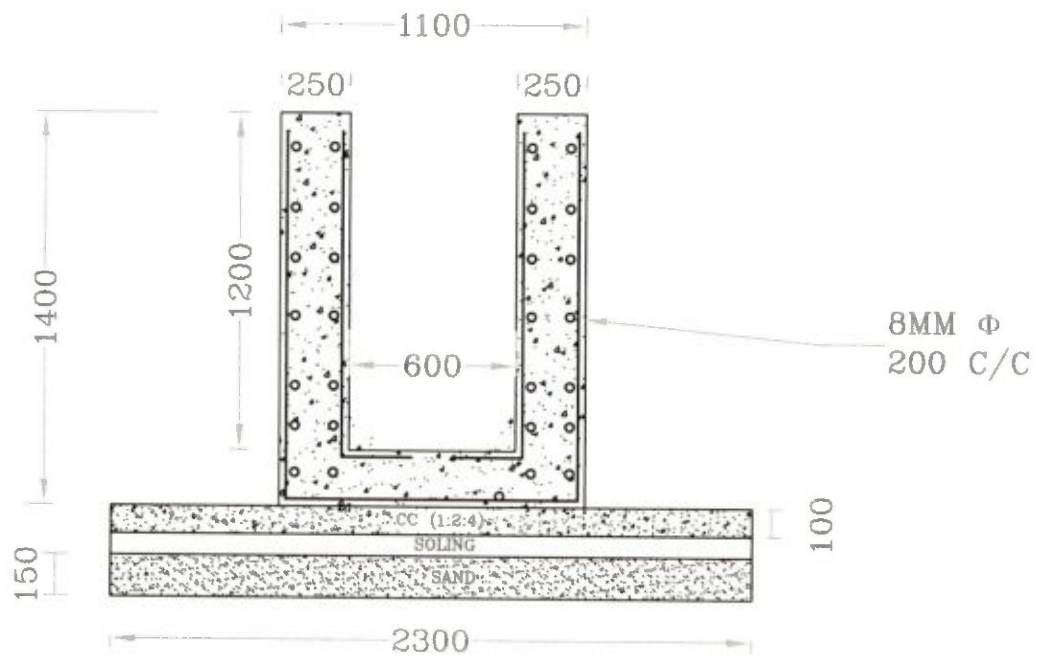
SAE  
Kandi Municipality

*Chairman*

Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at  
Umapara(S.C.-018), at Ward No. 08

Length: 65.67 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

### Construction Storm Water Drain at Muchipara(S.C.-019) , at Ward No. 08

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 ( ii ) ( c ) }	3.50	Sqm	142.00	497.00
	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
9.06 Mtr Drain=

Say Rs. 16251.00

Rs. 147234.00

Prepared By -

*S. A. E.*

Kandi Municipality  
SAE

Kandi Municipality

Chairman

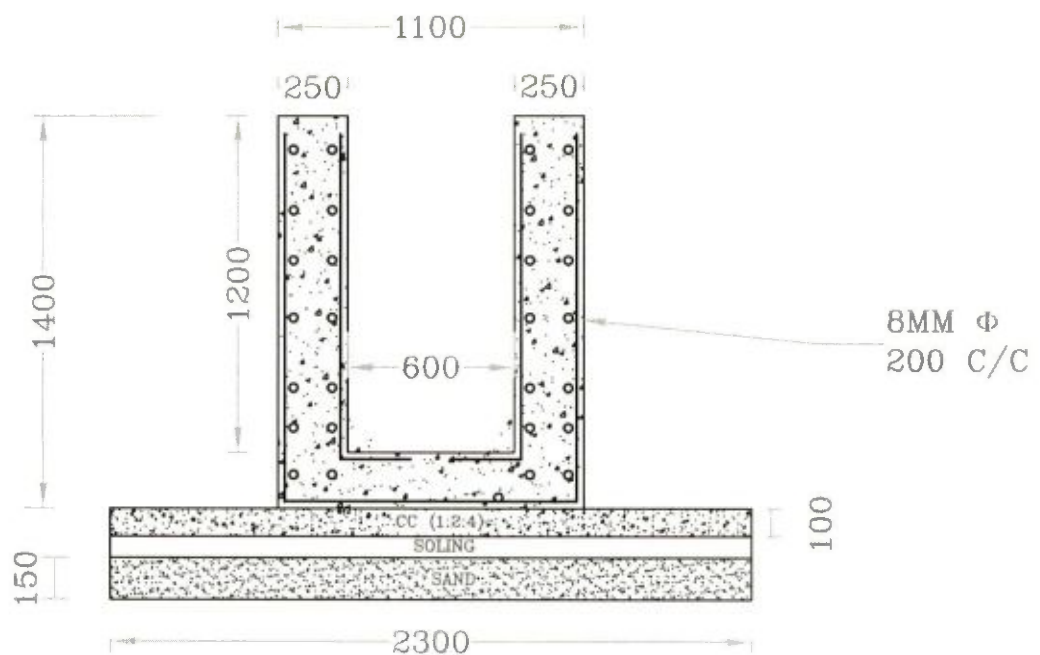
Kandi Municipality  
CHAIRMAN

KANDI MUNICIPALITY



Construction Storm Water Drain at  
Muchipara(S.C.-019) , at Ward No. 08

Length: 9.06 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Baganpara(S.C.-020) , at Ward No. 08

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety ) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propert position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
20.38 Mtr Drain=

Say Rs. 16251.00

Rs. 331195.00

Prepared By -

  
S. A. E.  
Kandi Municipality

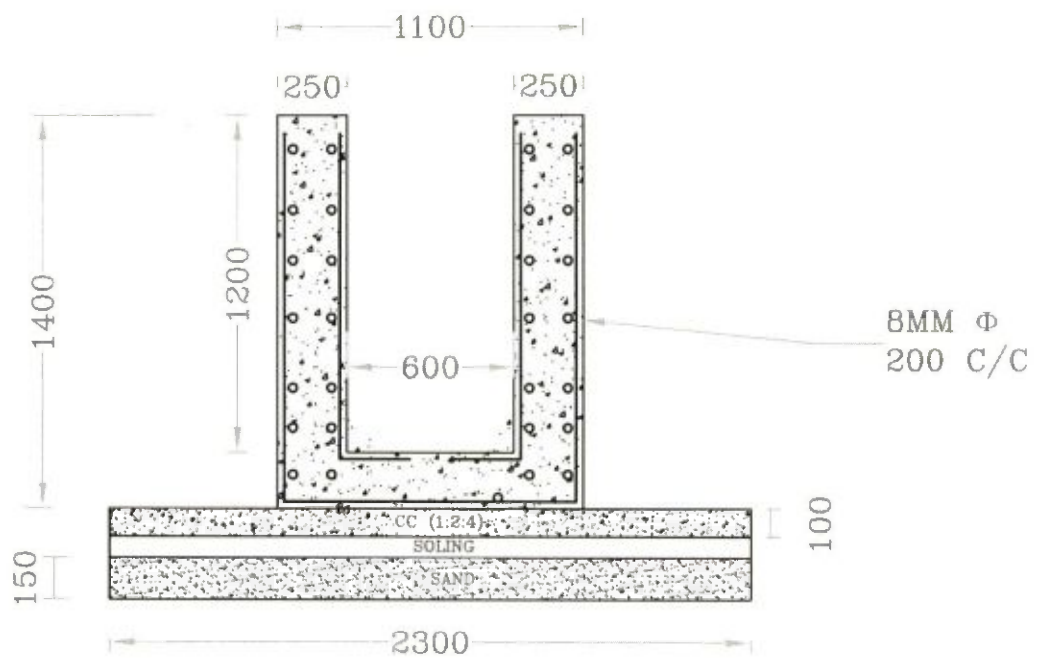
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at  
Baganpara(S.C.-020) , at Ward No. 08

Length: 20.38 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Ghoshpara(S.C.-021) , at Ward No. 08**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propert position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
11.32 Mtr Drain=

Say Rs. 16251.00

Rs. 183961.00

Prepared By -

  
S.A.E.  
Kandi Municipality

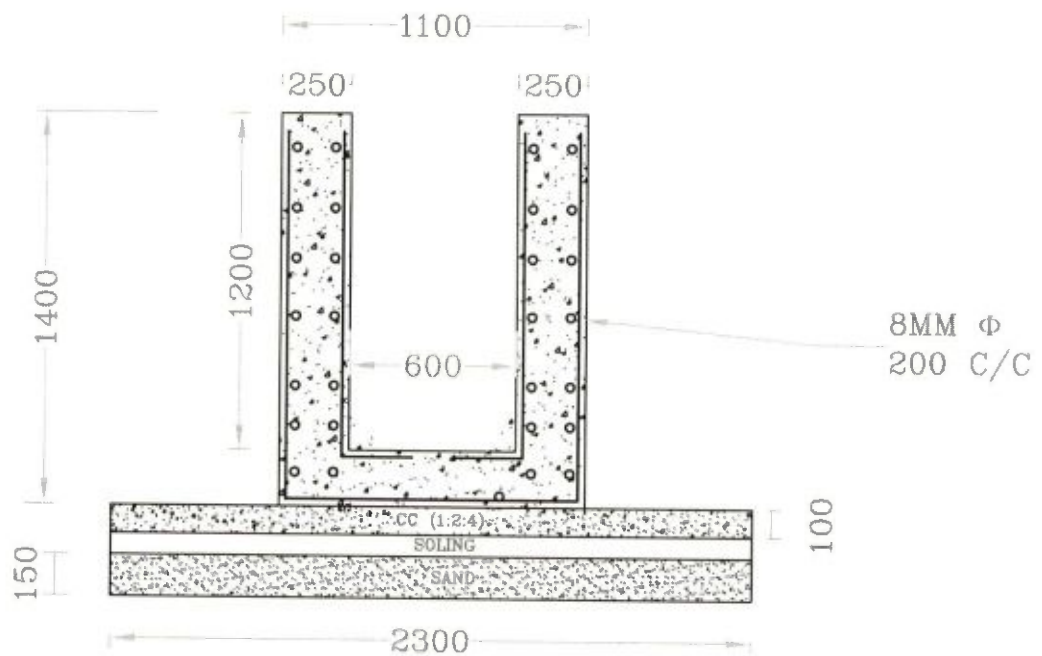
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at  
Ghoshpara(S.C.-021) , at Ward No. 08

Length: 11.32 mtr.



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Nilkanthapur(S.C.-050) , at Ward No. 08

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
33.97 Mtr Drain=

Say Rs. 16251.00

Rs. 552046.00

Prepared By -

*S.A.E.*  
**Kandi Municipality**

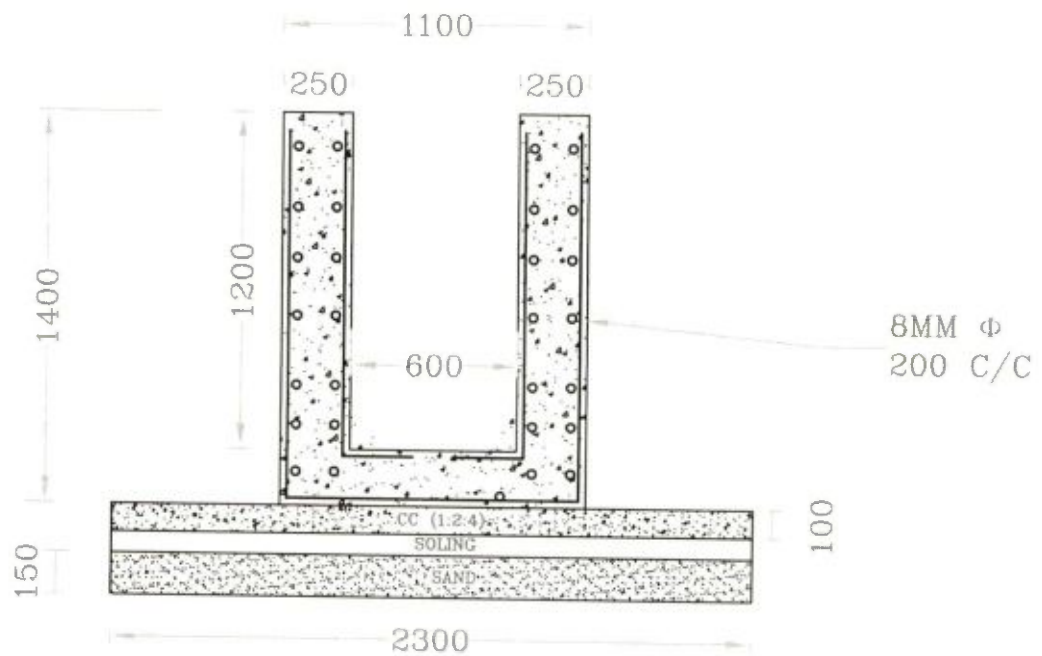
SAE  
Kandi Municipality

*Chairman*  
**Kandi Municipality**

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at  
Nilkanthapur(S.C.-050) , at Ward No. 08

Length: 33.97 mtr.



Drawn By:

  
BAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Bauripara(S.C.-022) , at Ward No. 09**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
45.29 Mtr Drain=

Say Rs. 16251.00

Rs. 736008.00

Prepared By -

*S. A. E.*  
**Kandi Municipality**

*Chairman*  
**Kandi Municipality**

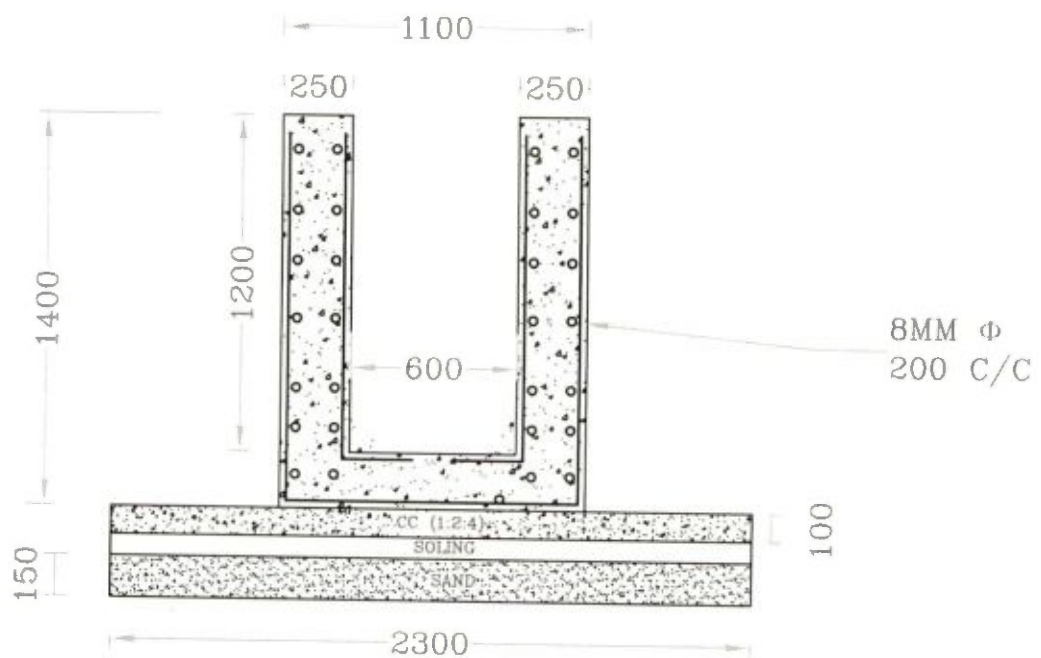
SAE  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY



# Construction Storm Water Drain at Bauripara(S.C.-022) , at Ward No. 09

Length: 45.29 mtr.



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at Hazrapara(S.C.-023) , at Ward No. 09**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R. 2015 P. W. D. ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A )}	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i )}	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f )}	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
	Sub total Rs.	5157.77
Add Labour welfare cess @ 1 %	Rs.	51.58
	Total Rs.	5209.35
	Say Rs.	5209.00
	Rs.	294401.00

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)  
Rate Per Sqm= 1488.00/- , 197.85 Sqm Road =1488x197.85sqm=**

Prepared By -

S. A. E.  
Kandi Municipality  
  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality  
**CHAIRMAN**  
**KANDI MUNICIPALITY**

Development of road at Hazrapara(S.C.-023) ,  
at Ward No. 09

Length: 197.85 Sqm.



Drawn By:

SAS  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Raghunathpur(S.C.-024) , at Ward No. 09**

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
45.29 Mtr Drain=

Say Rs. 16251.00

Rs. 736008.00

Prepared By -

  
S. A. E.  
Kandi Municipality

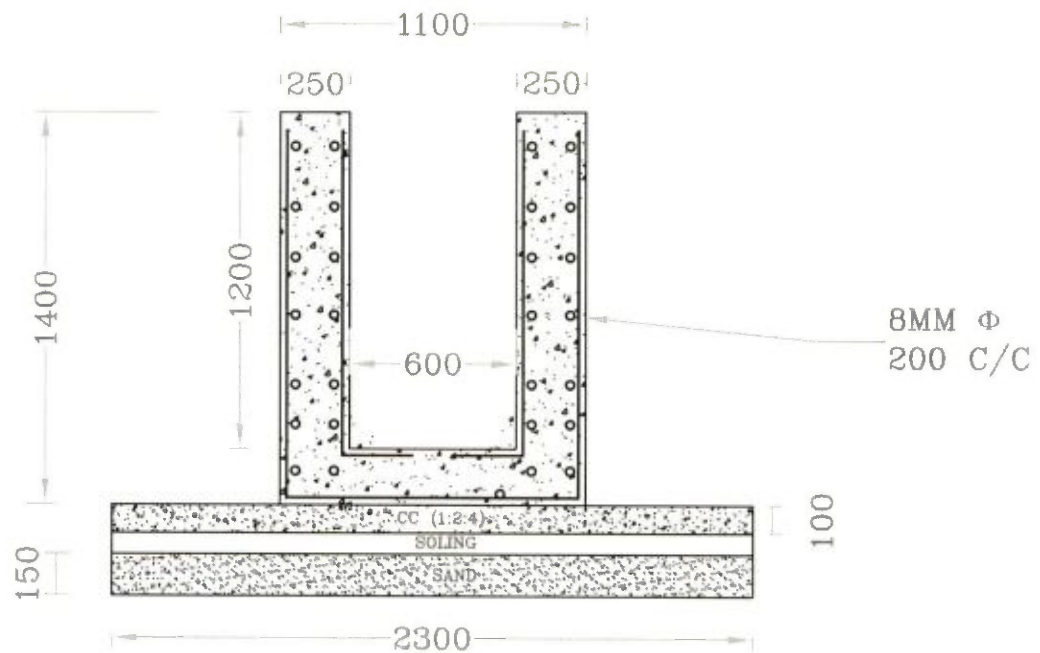
  
Chairman  
Kandi Municipality

S.A.E.  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at  
Raghunathpur(S.C.-024) , at Ward No. 09

Length: 45.29 mtr.



Drawn By:

  
S. A. E.  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Tantipara(S.C.-025) , at Ward No. 09

*As per S. O. R 2015 P. W. D. (Building) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
27.17 Mtr Drain=

Say Rs. 16251.00

Rs. 441540.00

Prepared By -

  
S. A. E.  
Kandi Municipality

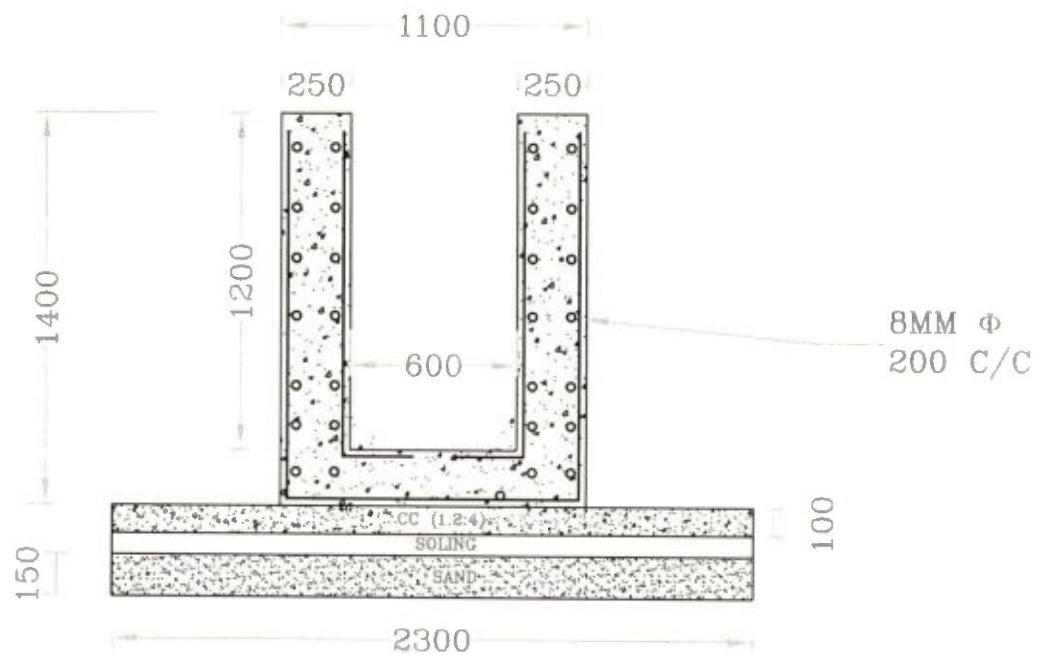
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at  
Tantipara(S.C.-025) , at Ward No. 09

Length: 27.17 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Konaipara Ghoshpara(S.C.-026) , at Ward No. 10

*As per S. O. R 2015 P. W. D. ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety ) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
90.58 Mtr Drain=

Say Rs. 16251.00

Rs. 1472016.00

Prepared By -

  
S. A. E.  
Kandi Municipality

Kandi Municipality

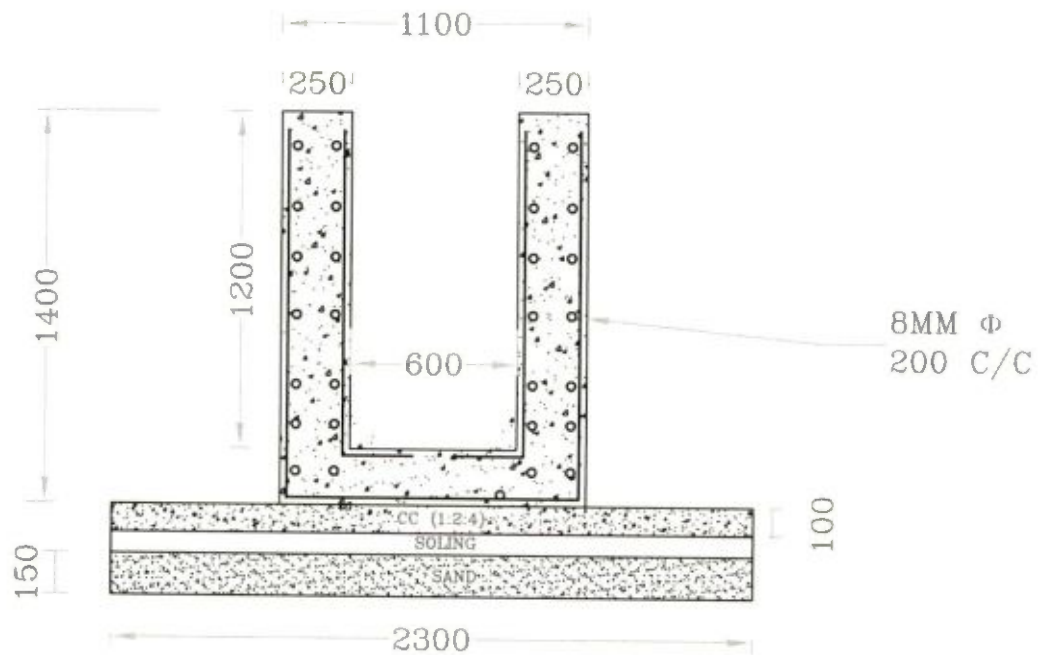
  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY



# Construction Storm Water Drain at Konaipara Ghoshpara(S.C.-026) , at Ward No. 10

Length: 90.58 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

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**Development of road at Hablipara(S.C.-027) , at Ward No.10**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i ) }	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f ) }	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
Sub total	Rs.	5157.77
Add Labour welfare cess @ 1 %	Rs.	51.58
Total	Rs.	5209.35
Say	Rs.	5209.00
	Rs.	919956.00

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.5 Sqm)**

**Rate Per Sqm= 1488.00/- , 618.25 Sqm Road =1488x 618.25 sqm=**

Prepared By -

S. A. E.  
Kandi Municipality

  
S.A.E.  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Development of road at Hablipara(S.C.-027) ,  
at Ward No.10

Length: 618.25 Sqm .



Drawn By:

  
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Kandi Municipality

  
Chairman  
Kandi Municipality

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KANDI MUNICIPALITY

## Construction Storm Water Drain at Harisagarpar(S.C.-028) , at Ward No. 10

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propert position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ü) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
36.23 Mtr Drain=

Say Rs. 16251.00

Rs. 588774.00

Prepared By -

  
S. A. E.  
Kandi Municipality

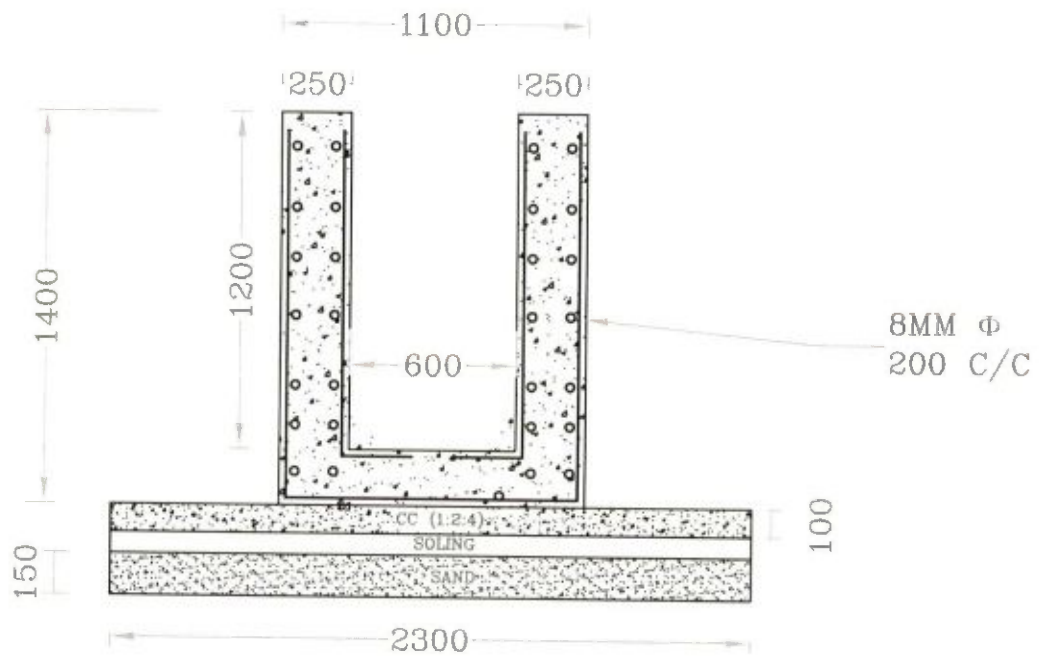
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at  
Harisagarpar(S.C.-028) , at Ward No. 10

Length: 36.23 mtr.



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Bagdipara Jelopara(S.C.-051) , at Ward No. 10**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

	Rs.	14366.44
Add GST @ 12 % as applicable	Rs.	1723.97
Sub total	Rs.	16090.41
Add Labour welfare cess @ 1 %	Rs.	160.90
Total	Rs.	16251.31
Per Metr. Cost=	Say Rs.	16251.00
9.06 Mtr Drain=	Rs.	147234.00

Prepared By -

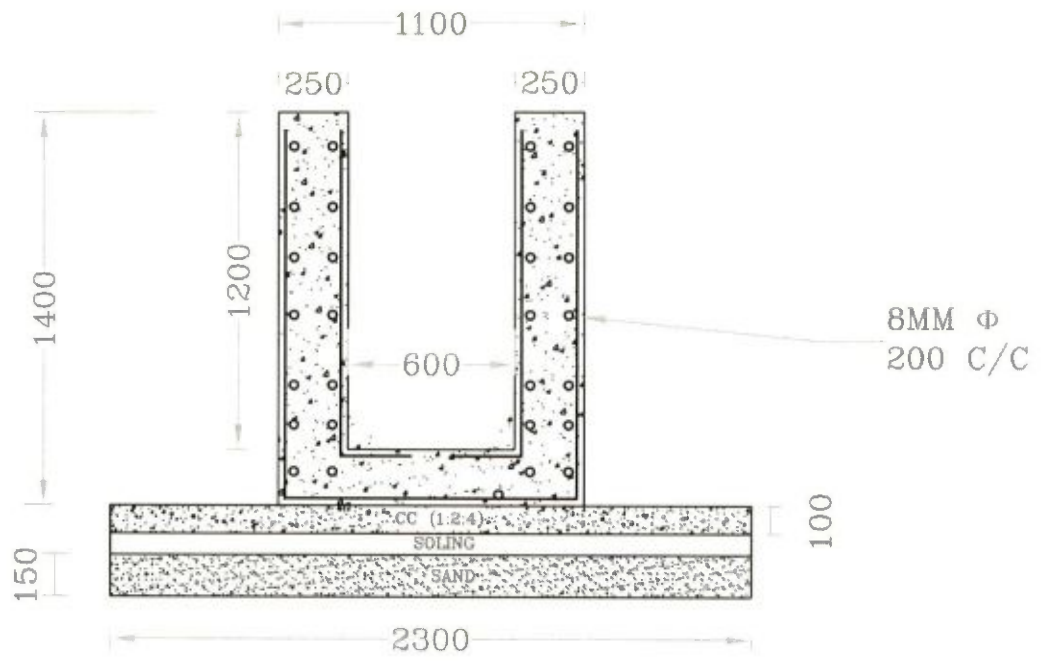
*S. A. E.*  
**Kandi Municipality**  
  
SAE  
Kandi Municipality

*S. A. E.*  
**Chairman**  
**Kandi Municipality**

CHAIRMAN  
KANDI MUNICIPALITY

# Construction Storm Water Drain at Bagdipara Jelopara(S.C.-051) , at Ward No. 10

Length: 9.06 mtr.



Drawn By:

  
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Kandi Municipality

  
Chairman  
Kandi Municipality

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**Development of road at Gourtala Bani Sangha Ground(S.C.-052) , at Ward No.10**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A )}	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i )}	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f )}	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
Sub total	Rs.	5157.77
Add Labour welfare cess @ 1 %	Rs.	51.58
Total	Rs.	5209.35
Say	Rs.	5209.00

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)**

**Rate Per Sqm= 1488.00/- , 370.95 Sqm Road =1488x370.95 sqm=**

**Rs. 551974.00**

Prepared By -

S. A. E.  
Kandi Municipality

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY



Development of road at Gourtala Bani Sangha  
Ground(S.C.-052) , at Ward No.10

Length: 370.95 Sqm.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

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KANDI MUNICIPALITY

**Construction Storm Water Drain at Shibrambati (Baropara) (S.C.-029) , at Ward No. - 11**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

	Rs.	14366.44
Add GST @ 12 % as applicable	Rs.	1723.97
Sub total	Rs.	16090.41
Add Labour welfare cess @ 1 %	Rs.	160.90
Total	Rs.	16251.31

Per Metr. Cost=  
56.61 Mtr Drain=

Say Rs. 16251.00  
Rs. 919969.00

Prepared By -

*S. A. E.*  
Kandi Municipality

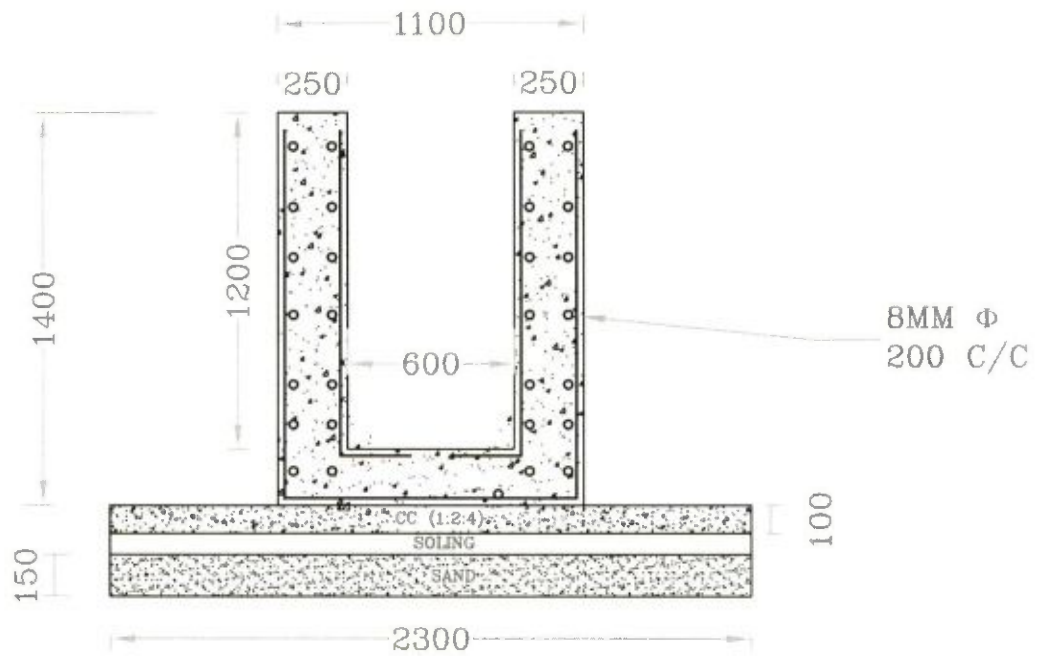
SAE  
Kandi Municipality

*[Signature]*  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at Shibrambati  
(Baropara) (S.C.-029) , at Ward No. - 11

Length: 56.61 mtr.



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at Bijaynagar Talarpar (S.C.-030) , at Ward No.11**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i ) }	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f ) }	0.30	sqm	205.00	61.50

Rs. 4605.15

Add GST @ 12 % as applicable Rs. 552.62

Sub total Rs. 5157.77

Add Labour welfare cess @ 1 % Rs. 51.58

Total Rs. 5209.35

Say Rs. 5209.00

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)**

**Rate Per Sqm= 1488.00/- , 593.55 Sqm Road =1488x593.55 sqm=**

**Rs. 883202.00**

Prepared By -

S. A. E.

Kandi Municipality

  
SAE  
Kandi Municipality



**Chairman**  
**Kandi Municipality**

CHAIRMAN  
KANDI MUNICIPALITY

Development of road at Bijaynagar Talarpar  
(S.C.-030) , at Ward No.11

Length: 593.55 Sqm.



Drawn By:

  
S.A.F.  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Hotel Para (S.C.-053) , at Ward No.11**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) in ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propert position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
36.23 Mtr Drain=

Say Rs. 16251.00

Rs. 588774.00

Prepared By -

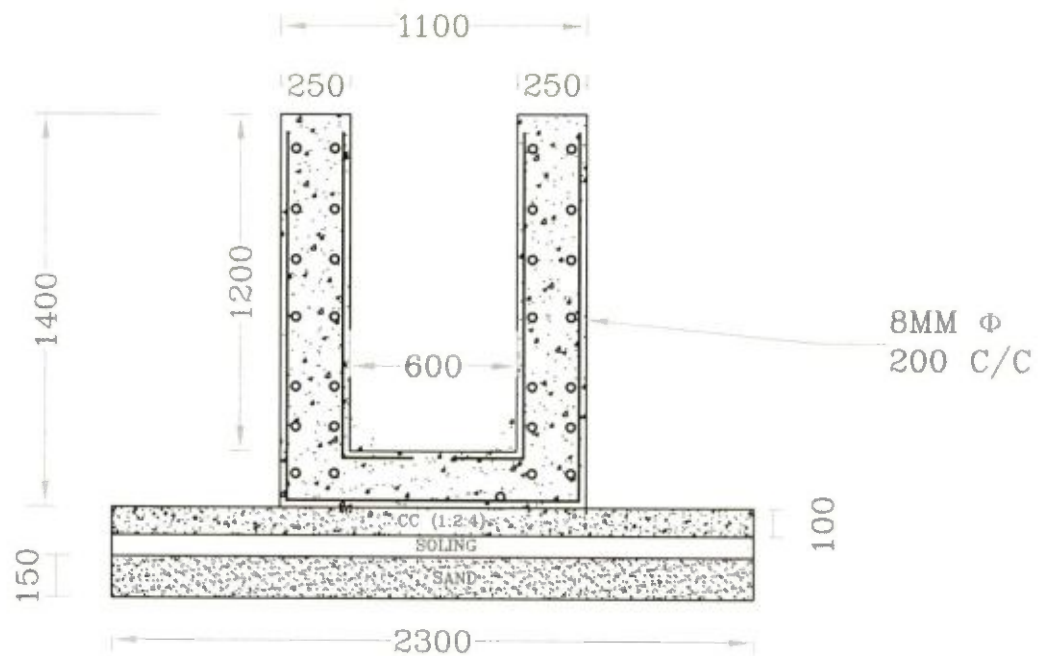
S. A. E.  
Kandi Municipality

Kandi Municipality

Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at Hotel Para  
(S.C.-053) , at Ward No.11  
Length: 36.23 mtr.



Drawn By:

S.A.  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at CHANDAL PARA-N- (S.C. -054) , at Ward No. 11**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A )}	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i )}	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f )}	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
<b>Sub total</b>	<b>Rs.</b>	<b>5157.77</b>
Add Labour welfare cess @ 1 %	Rs.	51.58
<b>Total</b>	<b>Rs.</b>	<b>5209.35</b>
	<b>Say Rs.</b>	<b>5209.00</b>

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)**

**Rate Per Sqm= 1488.00/- , 148.35 Sqm Road =1488x148.35 sqm=**

**Rs. 220745.00**

Prepared By -

S. A. E.  
Kandi Municipality

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

**CHAIRMAN  
KANDI MUNICIPALITY**



Development of road at CHANDAL PARA-N-  
(S.C. -054) , at Ward No. 11

Length: 148.35 Sqm.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at Shiborambati Monglapara- N- (S.C. - 055) , Ward No 11**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) <i>{ Page NO. - 02 Item NO. - 4 ( A ) }</i>	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. <i>{ Page NO. - 14 Item NO. - 1 }</i>	3.50	sqm	324.00	1,134.00
3	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>{ Page NO.- 26 Item NO. - 10 ( i ) }</i>	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation <i>{ Page NO.- 42 &amp; 43. Item NO. - 36 ( f ) }</i>	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
Sub total	Rs.	5157.77
Add Labour welfare cess @ 1 %	Rs.	51.58
Total	Rs.	5209.35
Say	Rs.	5209.00
	Rs.	404796.00

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)**

**Rate Per Sqm= 1488.00/- , 272.04 Sqm Road =1488x 272.04 sqm=**

Prepared By -

S. A. E.  
Kandi Municipality

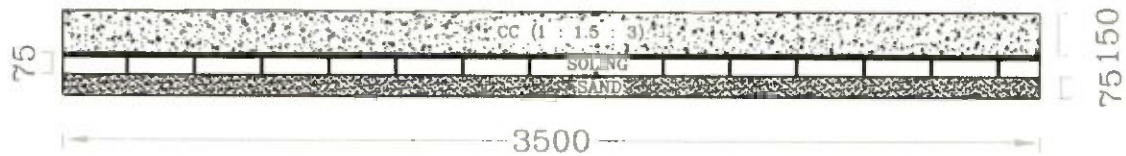
  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Development of road at Shiborambati  
Monglapara- N- (S.C. - 055) , Ward No 11

Length: 272.04 Sqm.



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Namubagdanga(East)(S.C.-031) , at Ward No. 12**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
15.85 Mtr Drain=

Say Rs. 16251.00

Rs. 257578.00

Prepared By -

*S. A. E.*  
Kandi Municipality

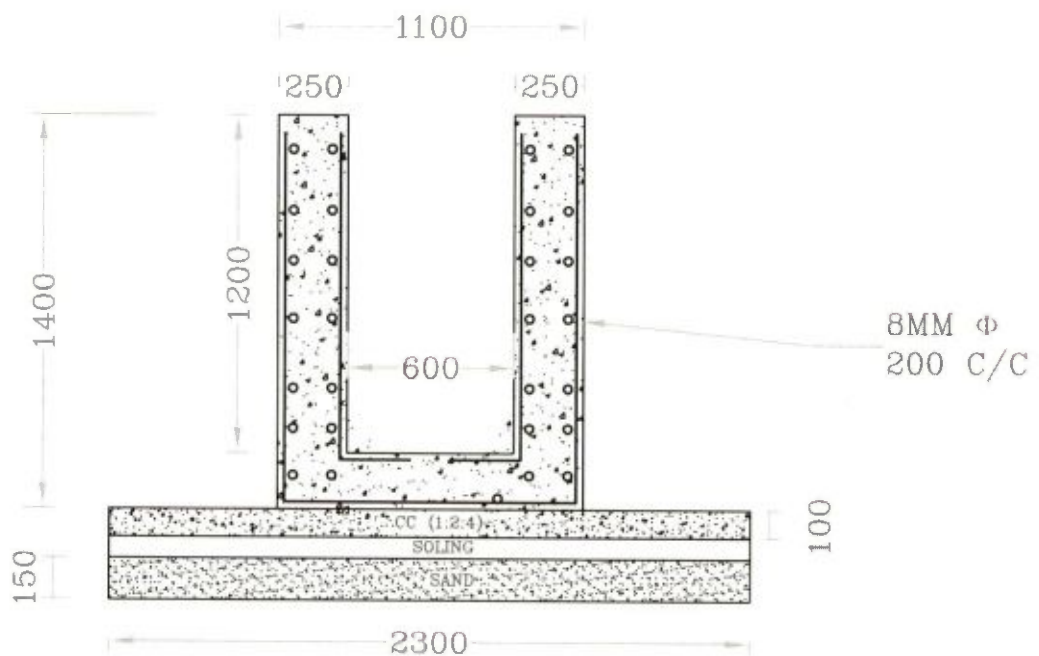
*Chairman*  
Kandi Municipality

SAE  
Kandi Municipality

**CHAIRMAN**  
**KANDI MUNICIPALITY**

Construction Storm Water Drain at Namubagdanga  
( East ) ( S.C. - 031 ) at Ward NO. - 12

Length: 15.85 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Jokhadanga(North)(S.C.-032) , at Ward No.12**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
15.85 Mtr Drain=

Say Rs. 16251.00  
Rs. 257578.00

Prepared By -

S.A.E.  
Kandi Municipality

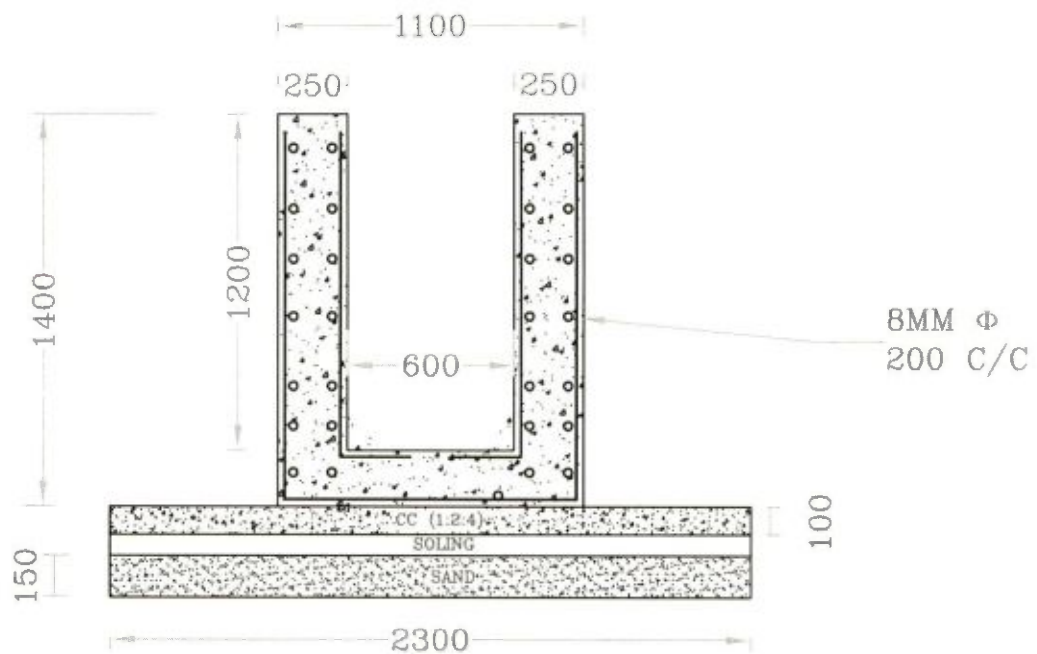
SAE  
Kandi Municipality

Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

# Construction Storm Water Drain at Jokhadanga ( North ) ( S.C. - 032 ) , at Ward No. - 12

Length: 15.85 mtr.



Drawn By:

  
S. R. E.  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Ghurupara(S.C.-033) , at Ward No.12

*As per S. O. R 2015 P. W. D (Building) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety ) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
15.85 Mtr Drain=

Say Rs. 16251.00

Rs. 257578.00

Prepared By -

  
S. A. E.  
Kandi Municipality

SAE  
Kandi Municipality

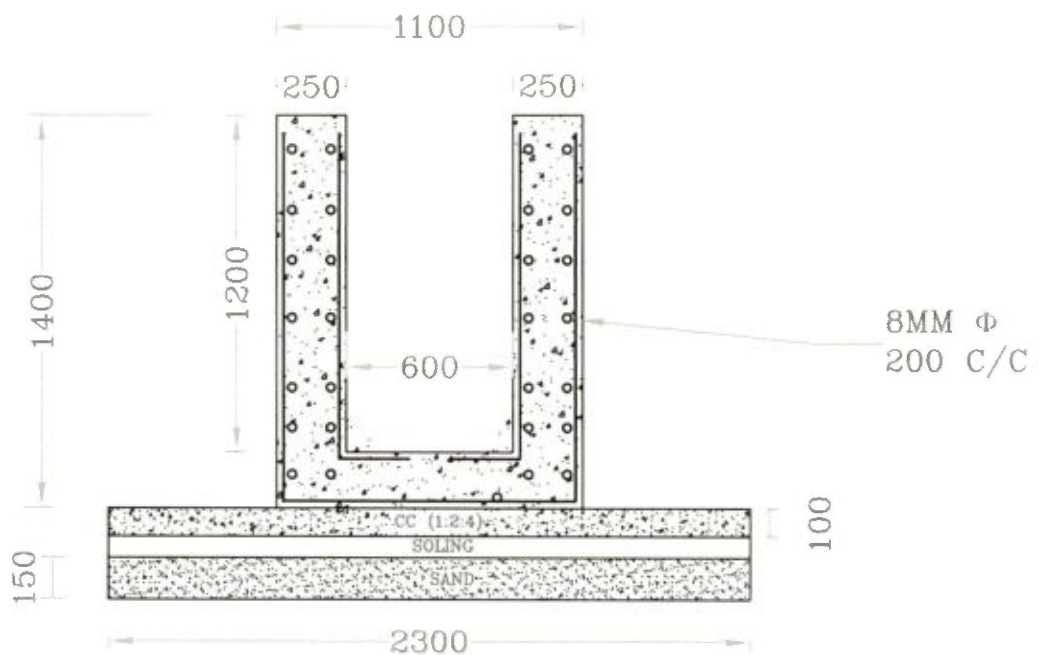
  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY



Construction Storm Water Drain at Ghurupara  
( S.C.-033 ) at Ward NO. - 12

Length: 15.85 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Jakhadanga-South(S.C.-056) , Ward No 12

As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a )}	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A )}	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv )}	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1( ii ) ( c )}	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15)	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c )}	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
15.85 Mtr Drain=

Say Rs. 16251.00

Rs. 257578.00

Prepared By -

  
S. A. E.  
Kandi Municipality

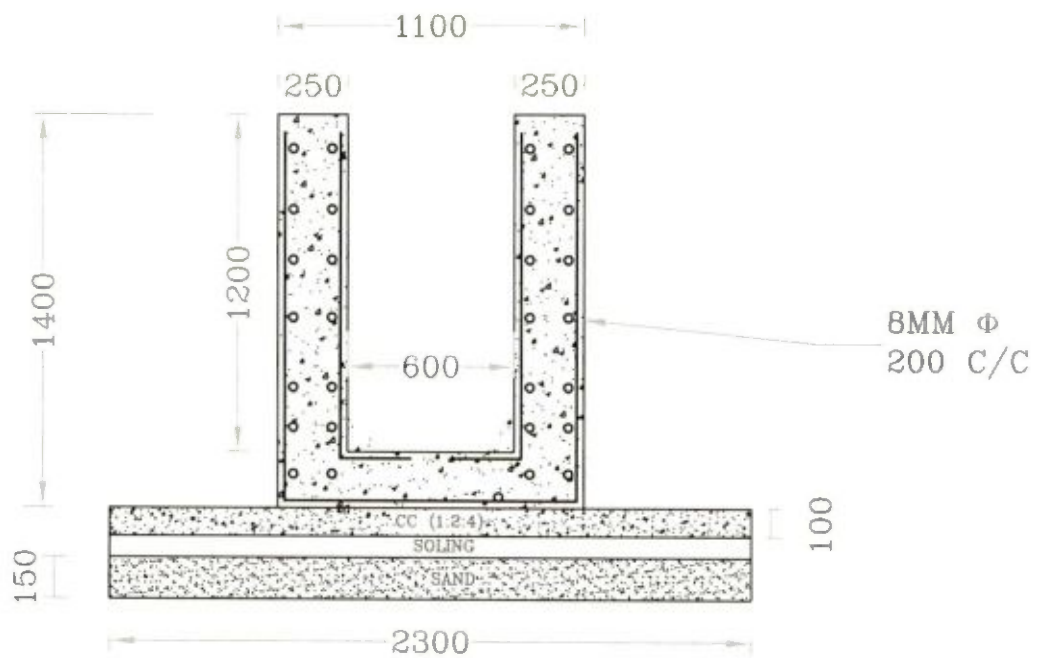
S.A.E.  
Kandi Municipality

  
Chairman  
Kandi Municipality

**CHAIRMAN**  
**KANDI MUNICIPALITY**

Construction Storm Water Drain at Jakhadanga  
- South ( S.C. - 056 ) Ward NO. - 12

Length: 15.85 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Namu Bagdanga-West(S.C.-057) , at Ward No. 12

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a )}	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A )}	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv )}	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL.	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c )}	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c )}	5.20	sqm	365.00	1,898.00

Rs.	14366.44
Add GST @ 12 % as applicable	Rs. 1723.97
Sub total	Rs. 16090.41
Add Labour welfare cess @ 1 %	Rs. 160.90
Total	Rs. 16251.31

Per Metr. Cost=  
15.85 Mtr Drain=

Say Rs. 16251.00  
Rs. 257578.00

Prepared By -

  
S.A.E.  
Kandi Municipality

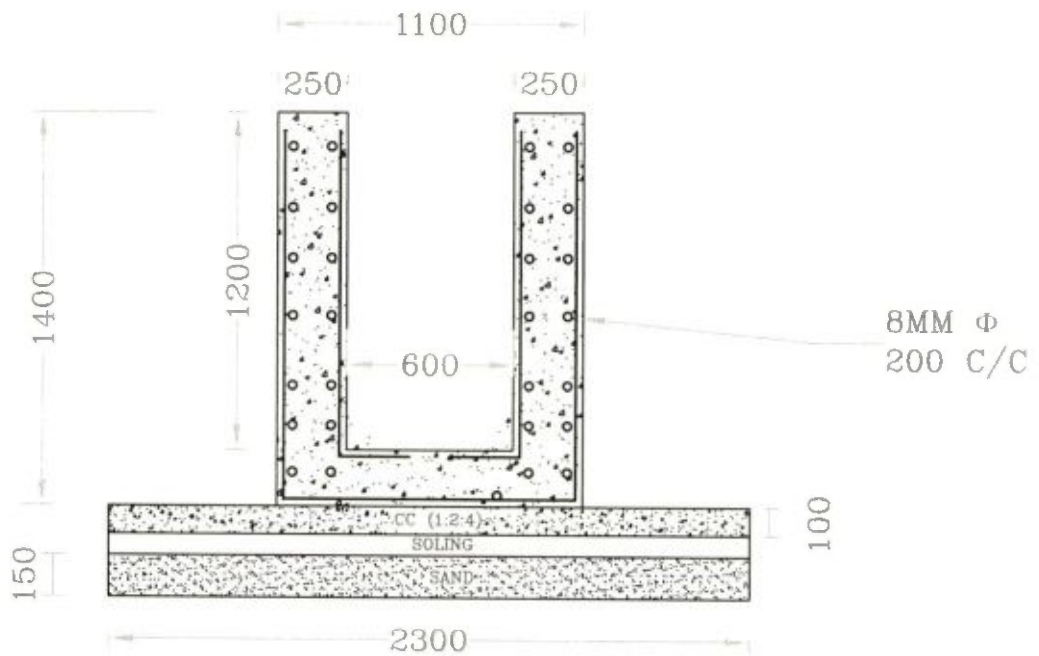
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Storm Water Drain at Namu Bagdanga -West  
( S.C. - 057 ) , at Ward NO. - 12

Length: 15.85 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at Namubagdanga(West)(S.C.-034) , at Ward No.13**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A )}	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i )}	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f )}	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
Sub total	Rs.	5157.77
Add Labour welfare cess @ 1 %	Rs.	51.58
Total	Rs.	5209.35
Say	Rs.	5209.00
	Rs.	551974.00

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)**

**Rate Per Sqm= 1488.00/- , 370.95 Sqm Road =1488x370.95 sqm=**

Prepared By -

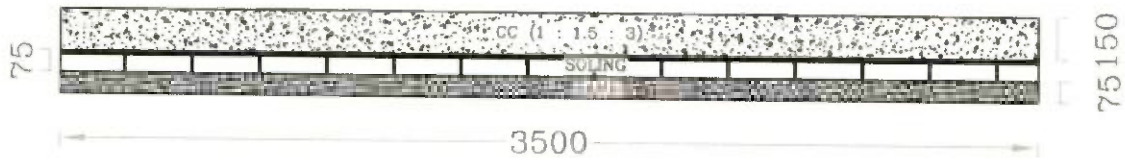
S. A. E.  
Kandi Municipality  
  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

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Development of road at Namubagdanga ( West )  
( S.C. - 034 ) at Ward No. - 13

Length: 370.95 Sqm.



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**Development of road at Noapara(S.C.-035), at Ward No. 13**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R. 2015 P. W. D. ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A )}	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i )}	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f )}	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
<b>Sub total</b>	<b>Rs.</b>	<b>5157.77</b>
Add Labour welfare cess @ 1 %	Rs.	51.58
<b>Total</b>	<b>Rs.</b>	<b>5209.35</b>
<b>Say</b>	<b>Rs.</b>	<b>5209.00</b>

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(for 3.50 Sqm)**

**Rate Per Sqm= 1488.00/- , 1434.41 Sqm Road =1488x1434.41sqm=**

**Rs. 2134402.00**

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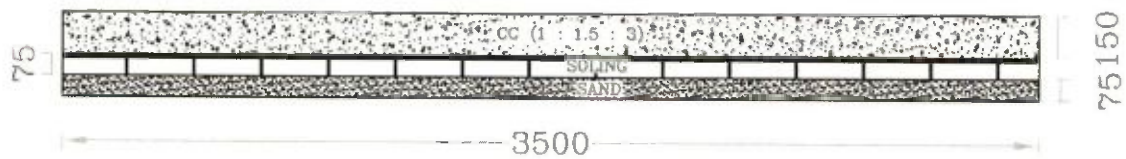
  
**Chairman**  
**Kandi Municipality**

**CHAIRMAN**  
**KANDI MUNICIPALITY**



Development of road at Noapara ( S.C. - 035 ) at  
Ward No. - 13

Length: 1434.41 Sqm.



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**Development of road at Boalia(S.C.-036) , at Ward No. 13**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A )}	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i )}	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f )}	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
<u>Sub total</u>	Rs.	5157.77
Add Labour welfare cess @ 1 %	Rs.	51.58
<u>Total</u>	Rs.	5209.35
	Say Rs.	5209.00
	Rs.	735965.00

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(For 3.50 Sqm)**

**Rate Per Sqm= 1488.00/- , 494.60 Sqm Road =1488x494.60 sqm=**

pared By -

S. A. E.

Kandi Municipality

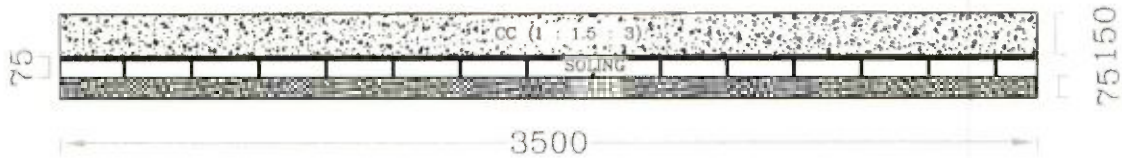
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**Chairman**  
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Development of road at Boalia ( S.C. - 036 ) at  
Ward No. - 13

Length: 494.60 Sqm.



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**Construction Storm Water Drain at Pirtola Chasapara(S.C.-037) , at Ward No. 14**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a )}	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A )}	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv )}	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1( ii ) ( c )}	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15)	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c )}	5.20	sqm	365.00	1,898.00

	Rs.	14366.44
Add GST @ 12 % as applicable	Rs.	1723.97
Sub total	Rs.	16090.41
Add Labour welfare cess @ 1 %	Rs.	160.90
Total	Rs.	16251.31
Per Metr. Cost=	Say Rs.	16251.00
11.32 Mtr Drain=	Rs.	183961.00

Prepared By -

*S. A. E.*  
Kandi Municipality

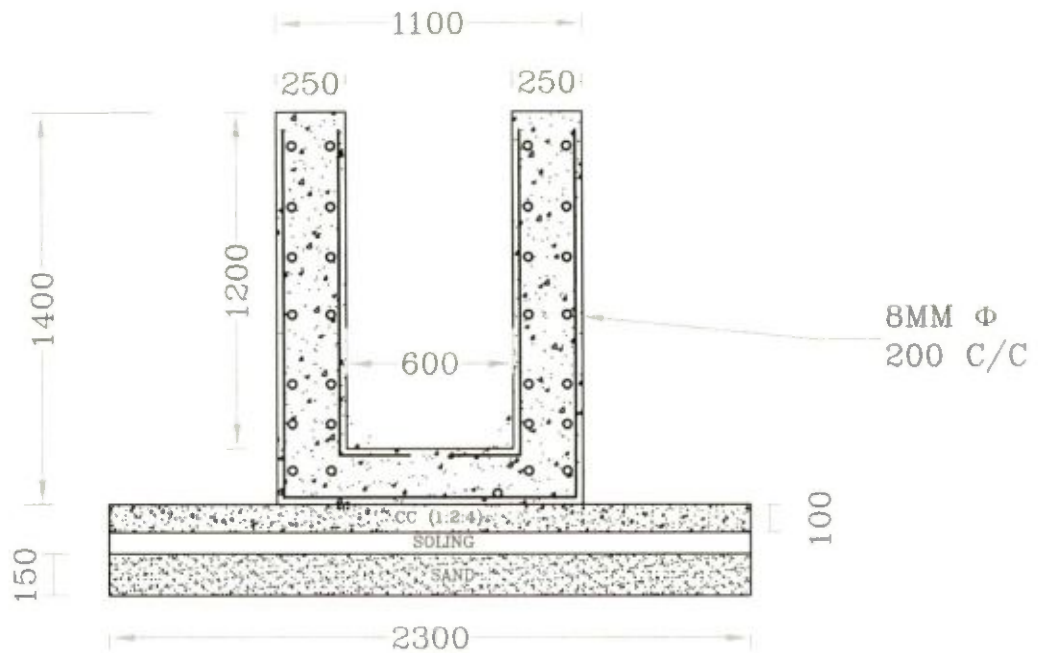
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Kandi Municipality

*S. A. E.*  
Chairman  
Kandi Municipality

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KANDI MUNICIPALITY

Construction Storm Water Drain at Pirtola  
Chasapara(S.C.-037) , at Ward No. 14

Length: 11.32 mtr.



Drawn By:

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## Construction Storm Water Drain at Bagdipara(S.C.-038) , at Ward No. 14

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
6.79 Mtr Drain=

Say Rs. 16251.00  
Rs. 110344.00

Prepared By -

*S. A. E.*  
**Kandi Municipality**

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Kandi Municipality

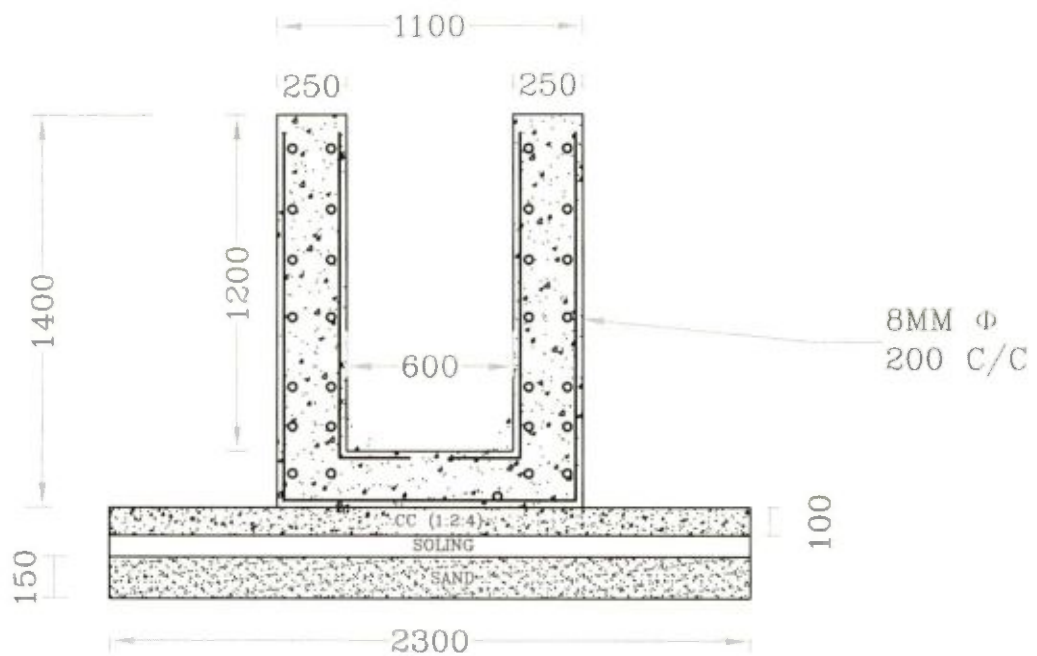
*S. A. E.*  
**Chairman**

**Kandi Municipality**

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Construction Storm Water Drain at  
Bagdipara(S.C.-038) , at Ward No. 14

Length: 6.79 mtr.



Drawn By:

  
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## Construction Storm Water Drain at Kathgola(S.C.-058) at Ward NO. - 14

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 ( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
6.79 Mtr Drain=

Say Rs. 16251.00  
Rs. 110344.00

Prepared By -

  
S.A.E.  
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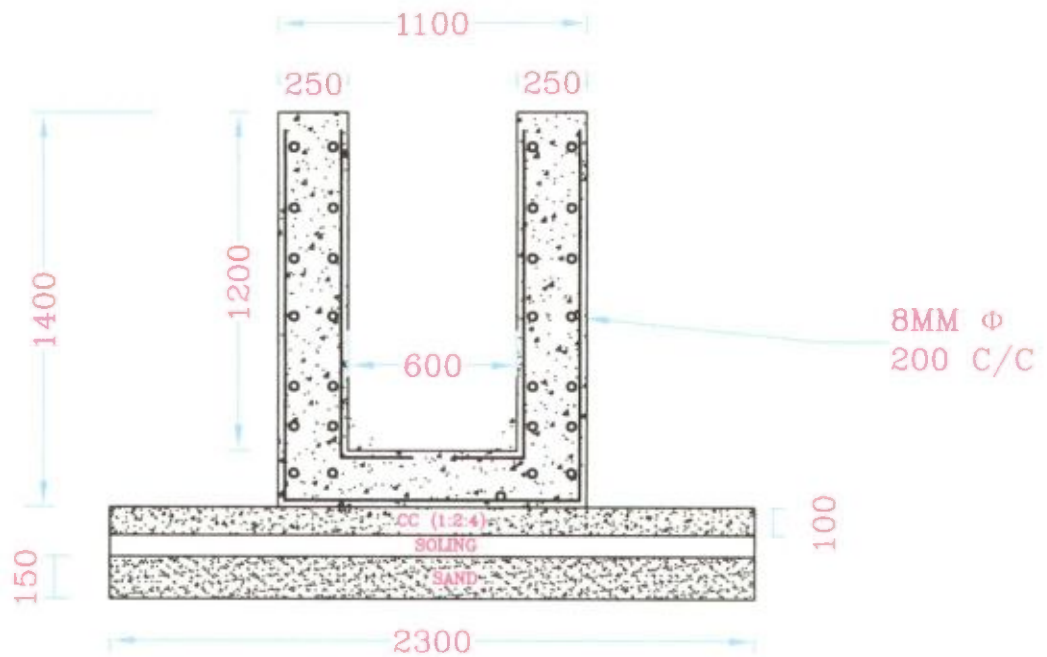
  
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Construction Storm Water Drain at  
Kathgola(S.C.-058) at Ward NO. - 14

Length: 6.79 mtr.



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**Construction Storm Water Drain at Bandherpara(S.C.-059) , at Ward No. 14**

*As per S. O. R. 2015 P. W. D. ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item = 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

	Rs.	14366.44
Add GST @ 12 % as applicable	Rs.	1723.97
<b>Sub total</b>	<b>Rs.</b>	<b>16090.41</b>
Add Labour welfare cess @ 1 %	Rs.	160.90
<b>Total</b>	<b>Rs.</b>	<b>16251.31</b>
Per Metr. Cost=	Say Rs.	16251.00
<b>27.17 Mtr Drain=</b>	<b>Rs.</b>	<b>441540.00</b>

Prepared By -

*S. A. E.*  
Kandi Municipality

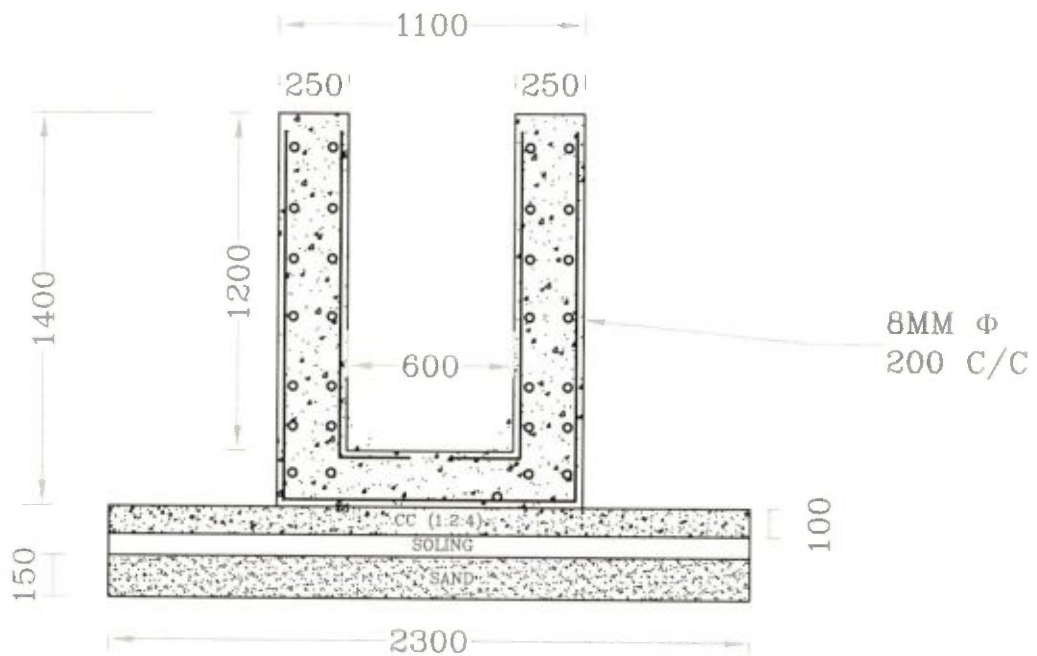
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Kandi Municipality

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Construction Storm Water Drain at  
Bandherpara(S.C.-059) , at Ward No. 14

Length: 27.17 mtr.



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## Construction Storm Water Drain at Hotel Para(S.C.-039) at Ward NO. - 15

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
11.32 Mtr Drain=

Say Rs. 16251.00

Rs. 183961.00

Prepared By -

  
S. A. E.  
Kandi Municipality

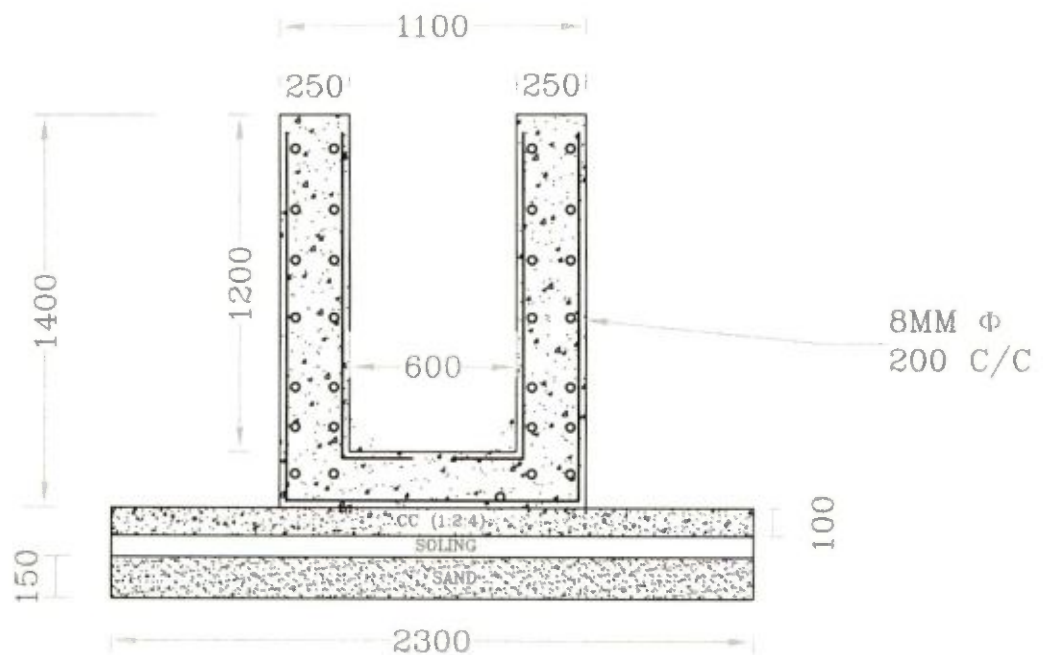
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at Hotel  
Para(S.C.-039) at Ward NO. - 15

Length: 11.32 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Development of road at Jelopara(S.C.-060) at Ward NO. - 15**

Measure Ment	L(Mtr)	W(Mtr)	T(Mtr)	V(Cum)
	1	3.50	0.15	0.525

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) { Page NO. - 02 Item NO. - 4 ( A ) }	0.263	Cum	599.61	157.40
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	3.50	sqm	324.00	1,134.00
3	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. { Page NO.- 26 Item NO. - 10 ( i ) }	0.53	cum	6194.77	3,252.25
4	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 and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) ( f ) 25 mm to 30 mm shuttering without staging in foundation { Page NO.- 42 & 43 Item NO. - 36 ( f ) }	0.30	sqm	205.00	61.50

	Rs.	4605.15
Add GST @ 12 % as applicable	Rs.	552.62
<b>Sub total</b>	<b>Rs.</b>	<b>5157.77</b>
Add Labour welfare cess @ 1 %	Rs.	51.58
<b>Total</b>	<b>Rs.</b>	<b>5209.35</b>
<b>Say</b>	<b>Rs.</b>	<b>5209.00</b>

**Per Mtr Lenth with 3.5 Mtr Width and 0.15 thick=(For 3.50 Sqm)**

**Rate Per Sqm= 1488.00/- , 98.90 Sqm Road =1488x98.90 sqm=**

**Rs. 147163.20**

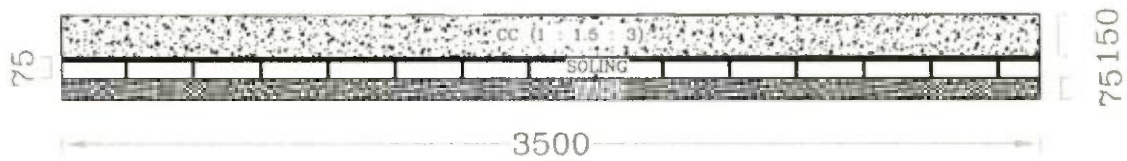
Prepared By -

S. A. E.  
Kandi Municipality

  
SAE  
Kandi Municipality


  
**Chairman**  
**Kandi Municipality**  
**CHAIRMAN**  
**KANDI MUNICIPALITY**

Development of road at Jelopara(S.C.-060) at  
Ward NO. - 15  
Length: 98.90 Sqm.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Coloni(S.C.-061) , Ward No 15

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
22.64 Mtr Drain=

Say Rs. 16251.00

Rs. 367923.00

Prepared By -

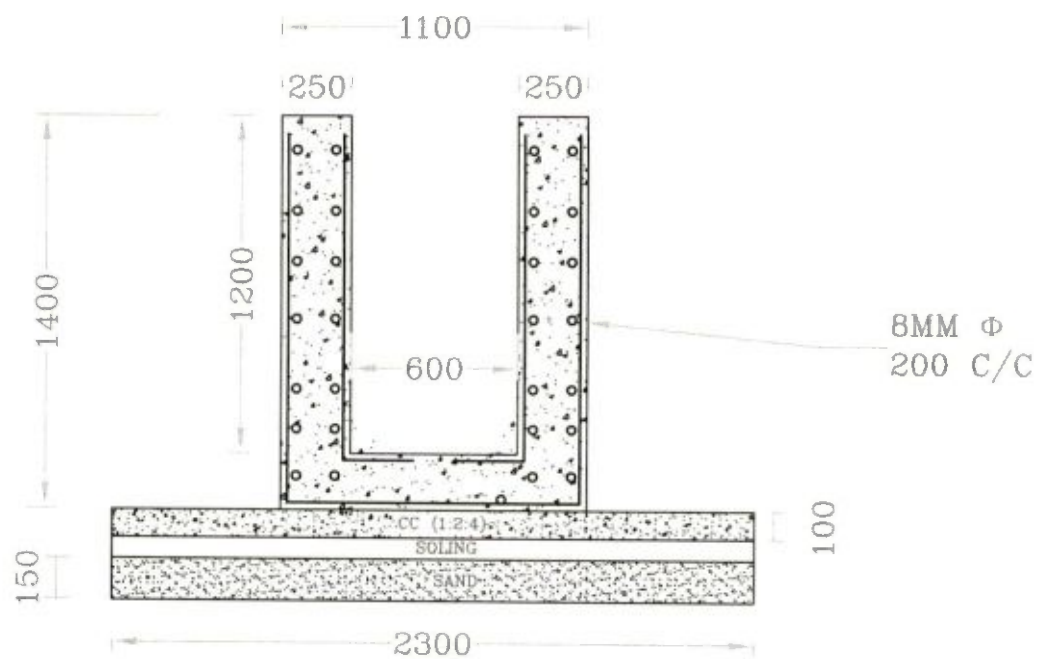
  
S. A. E.  
Kandi Municipality  
Kandi Municipality

  
Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY



Construction Storm Water Drain at  
Coloni(S.C.-061) , Ward No 15

Length: 22.64 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Hazrapara(S.C.-040) , at Ward No.16

*As per S. O. R. 2015 P. W. D. ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in proper position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1 ( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
22.64 Mtr Drain=

Say Rs. 16251.00

Rs. 367923.00

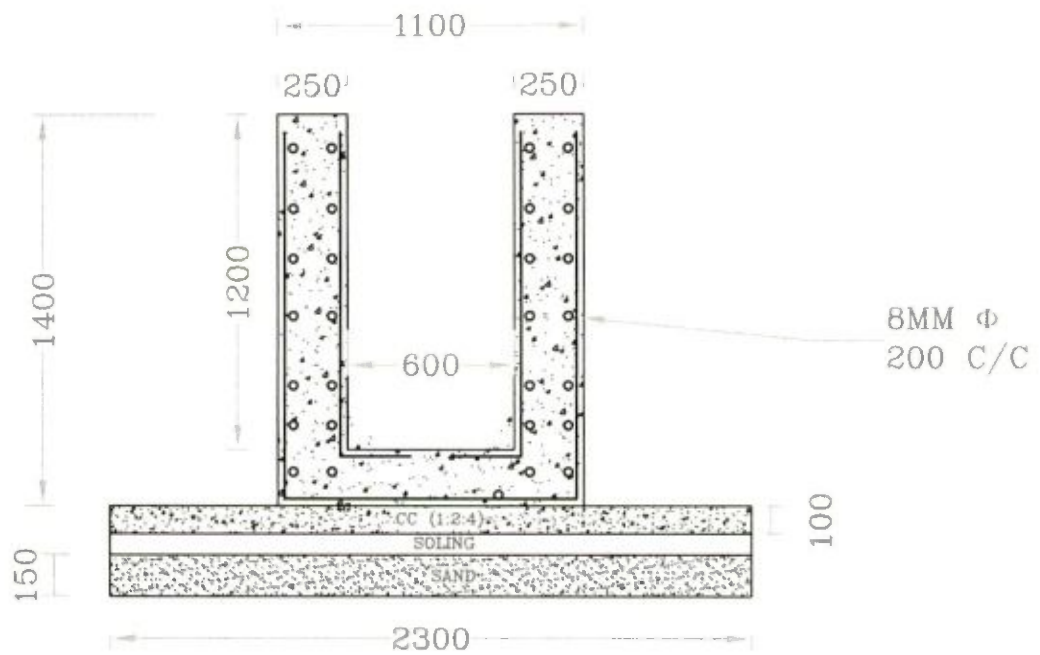
Prepared By -

  
S.A.E.  
Kandi Municipality  
Kandi Municipality

  
Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at Hazrapara  
( S.C. - 040 ) at Ward NO. - 16

Length: 22.64 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Let-Konaipara(S.C.-041) , at Ward No. 16

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per 100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
22.64 Mtr Drain=

Say Rs. 16251.00

Rs. 367923.00

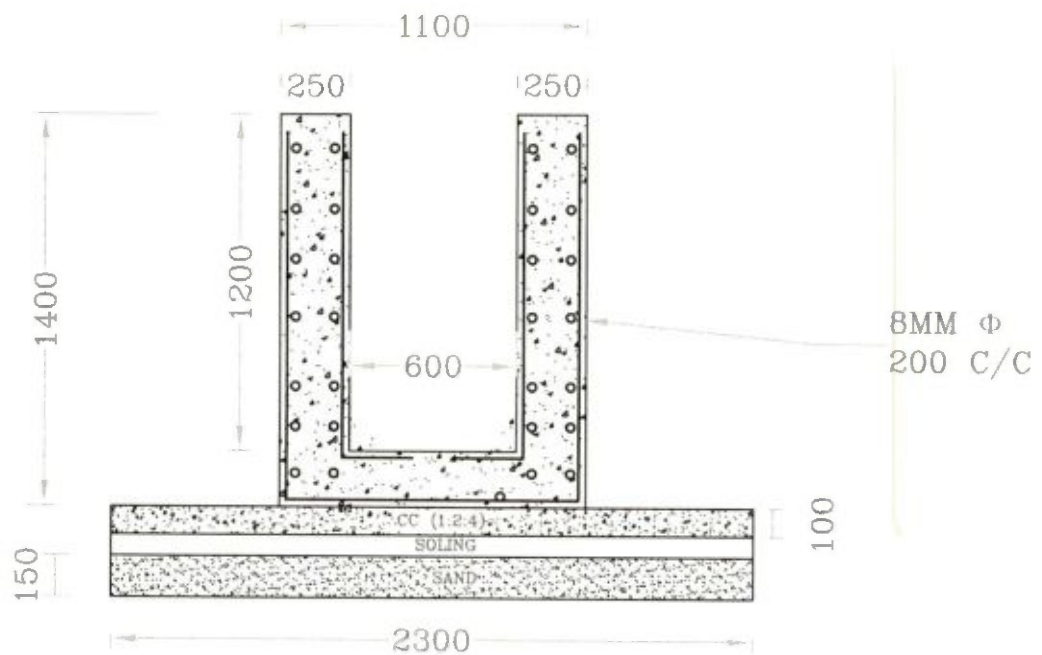
Prepared By -

  
**S. A. E.**  
**Kandi Municipality**  
S.A.E.  
**Kandi Municipality**

  
**Chairman**  
**Kandi Municipality**  
**CHAIRMAN**  
**KANDI MUNICIPALITY**

Construction Storm Water Drain at Let-Konaipara  
( S.C. - 041 ) at Ward NO. - 16

Length: 22.64 mtr.



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Shispara(S.C.-042) , at Ward No. 16**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a )}	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A )}	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1}	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv )}	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c )}	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sqm. ( Page - 192 Item - 15)	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c )}	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
22.64 Mtr Drain=

Say Rs. 16251.00

Rs. 367923.00

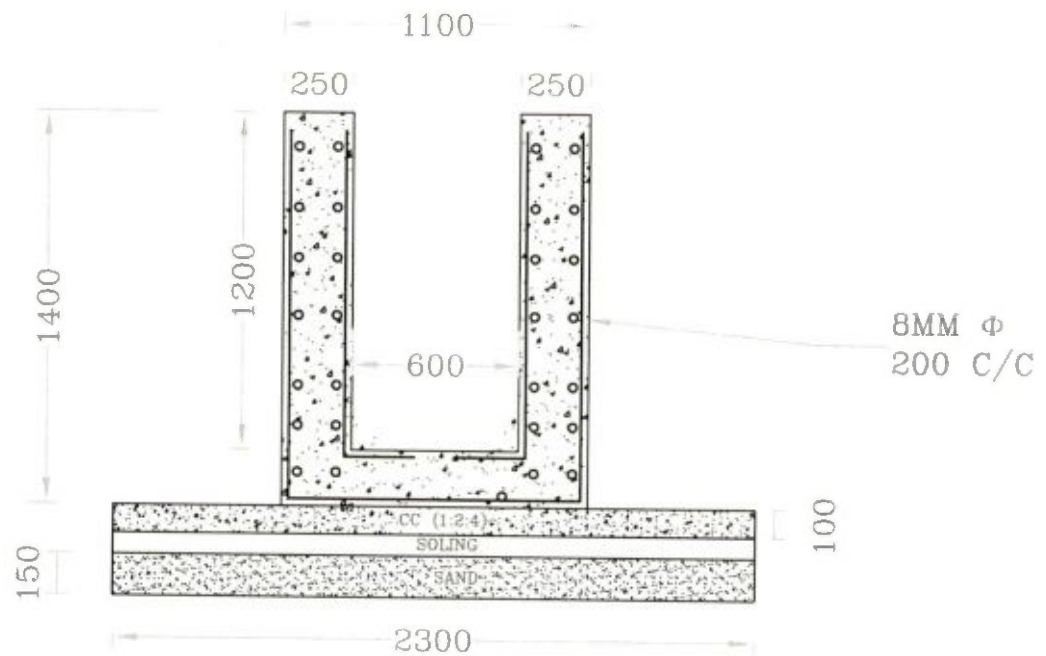
Prepared By -

  
S. A. E.  
Kandi Municipality  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at Shispara  
( S.C. - 042 ) at Ward NO. - 16

Length: 22.64 mtr.



Drawn By:

  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

**Construction Storm Water Drain at Prabhakarpara(S.C.-043) , at Ward No. 17**

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propert position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

	Rs.	14366.44
Add GST @ 12 % as applicable	Rs.	1723.97
Sub total	Rs.	16090.41
Add Labour welfare cess @ 1 %	Rs.	160.90
Total	Rs.	16251.31
Per Metr. Cost=	Say Rs.	16251.00
33.97 Mtr Drain=	Rs.	552046.00

Prepared By -

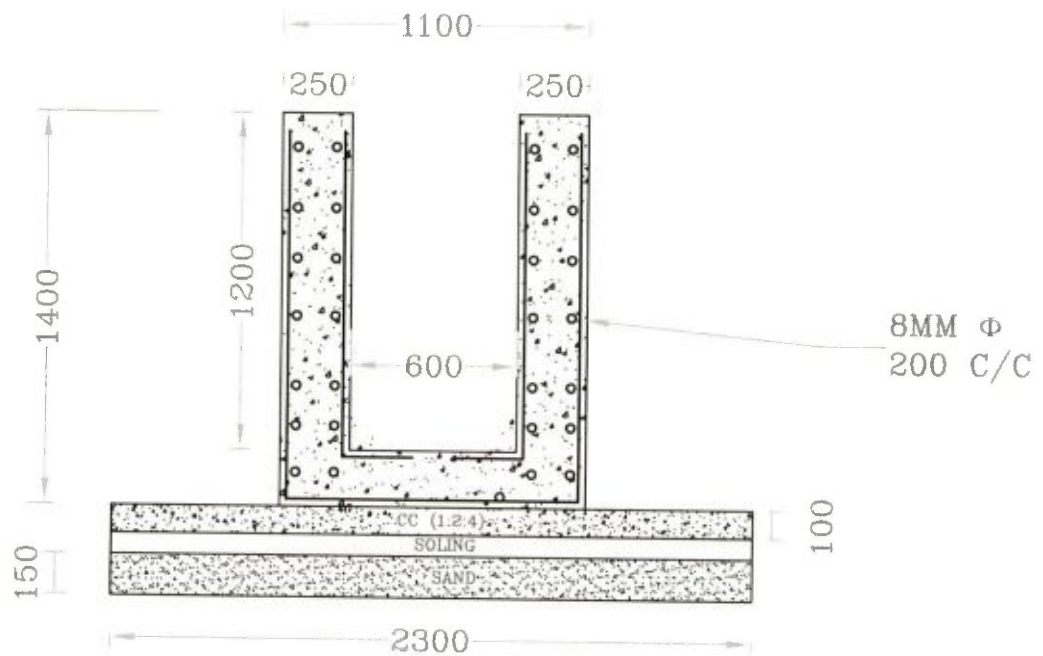
  
**S. A. E.**  
 Kandi Municipality  
 Kandi Municipality

  
**Chairman**  
 Kandi Municipality  
 CHAIRMAN  
 KANDI MUNICIPALITY



Construction Storm Water Drain at Prabhakarpara  
( S.C. - 043 ) at Ward No. - 17

Length: 33.97 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Bagdipara(S.C.-038) at Ward NO. - 18

*As per S. O. R. 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety ) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
72.46 Mtr Drain=

Say Rs. 16251.00

Rs. 1177547.00

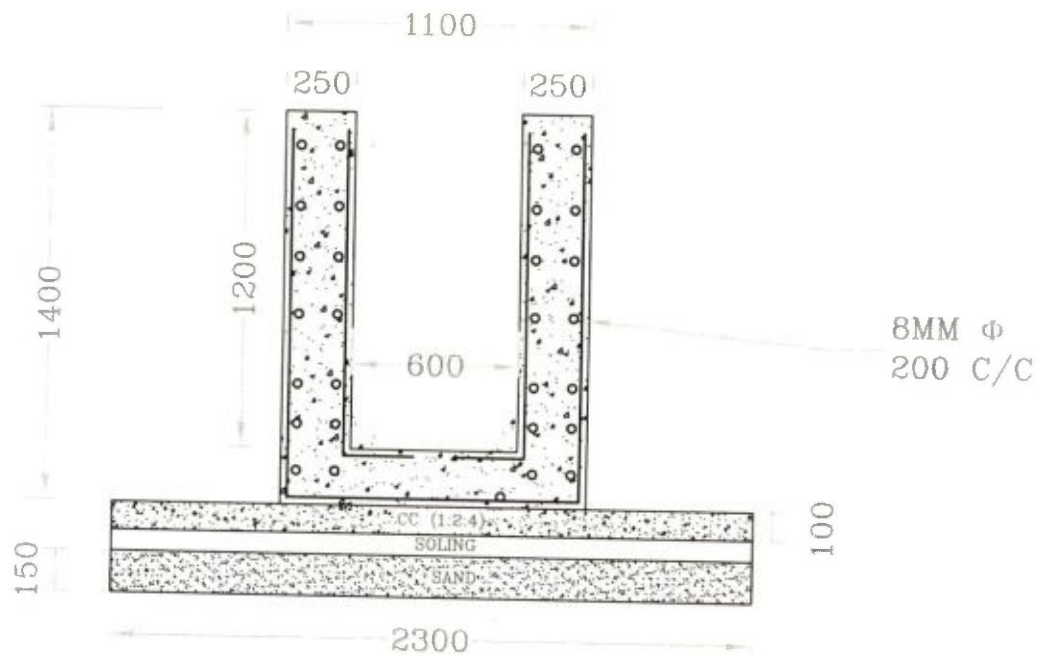
Prepared By -

  
S. A. E.  
Kandi Municipality  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at  
Bagdipara(S.C.-038) at Ward NO. - 18

Length: 72.46 mtr.



Drawn By:

  
SAE  
Kandi Municipality

  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Non Slum, at Ward No. 01

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

SL NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1( ii ) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=  
33.97 Mtr Drain=

Say Rs. 16251.00  
Rs. 552046.00

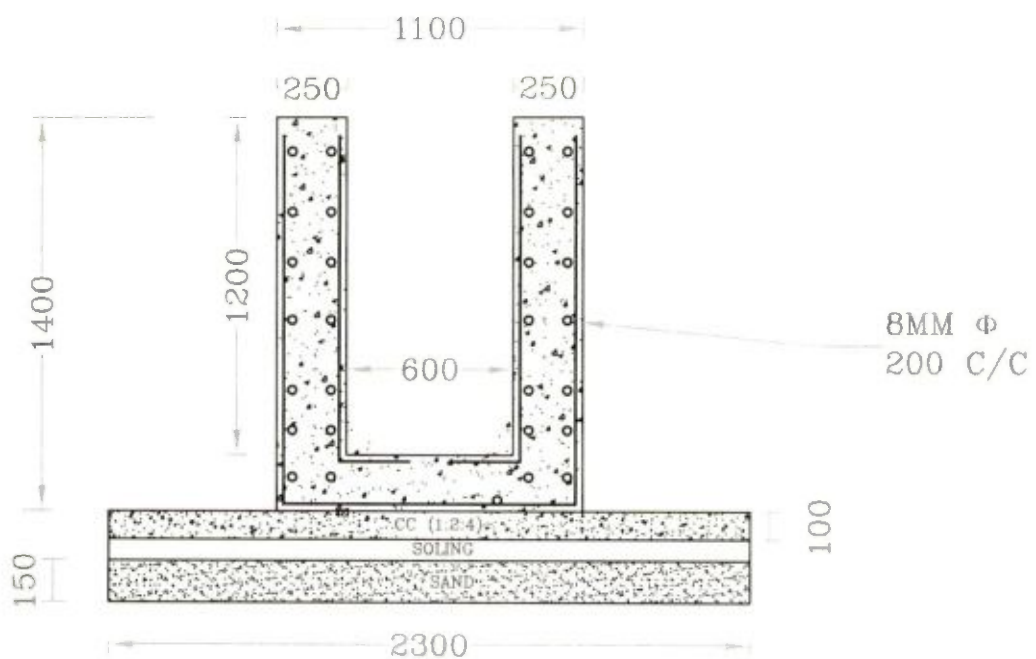
Prepared By -

*S. A. E.*  
Kandi Municipality  
SAE  
Kandi Municipality

*[Signature]*  
Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY

Construction Storm Water Drain at Non slum  
Ward No. 01

Length: 33.97 mtr.



Drawn By:

*S. E.*  
Kandi Municipality

*[Signature]*  
Chairman  
Kandi Municipality

CHAIRMAN  
KANDI MUNICIPALITY

## Construction Storm Water Drain at Non Slum, at Ward No. 02

*As per S. O. R 2015 P. W. D ( Building ) Schedule Effective From 01.11.2017 & 3rd CORRIGENDA & ADDENDA FOR SCHEDULE OF RATES OF PWD (W.B) wef 01.11.2017 Volume-I: (For Building Works, Materials & Labour)*

Sl. NO.	Item	Quantity	unit	Rate Rs.	Amount Rs.
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m.... complete. (a) Depth of excavation not exceeding 1,500 mm. { Page NO. - 01 Item NO. - 2 ( a ) }	3.97	Cum	119.27	473.20
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 mm ..... etc { Page NO. - 02 Item NO. - 4 ( A ) }	0.35	cum	599.61	206.87
3	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. { Page NO. - 14 Item NO. - 1 }	2.30	sqm	324.00	745.20
4	Cement concrete with graded Stone (30mm. Size excluding shuttering) In ground floor A) [Pakur Variety] 1:3:6 Page - 34, It. 22.	0.23	cum	5189	1,193.47
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. ( Panchami variety) { Page NO.- 26 Item NO. - 10 ( iv ) }	0.82	cum	6194.77	5,079.71
6	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 beneding to correct shape, placing in propret position and binding with 16 guage 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. Page - 40 (a) (i) (i) II other than TATA /SAIL/RSNL	0.064	MT	64906.15	4,153.99
7	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or .... (i) With 1:6 cement mortar (c) 15 mm thick plaster { Page: 189 Item NO. - 1(ii) ( c ) }	3.50	Sqm	142.00	497.00
8	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per 100 sq.m. ( Page - 192 Item - 15 )	3.50	Sqm	34.00	119.00
9	Hire and labour charges for shuttering with centering and necessary staging upto 4 m ..... and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm. thick approved quality ply board shuttering in any concrete work. { Page NO.- 42 Item NO. - 36 ( c ) }	5.20	sqm	365.00	1,898.00

Rs. 14366.44

Add GST @ 12 % as applicable Rs. 1723.97

Sub total Rs. 16090.41

Add Labour welfare cess @ 1 % Rs. 160.90

Total Rs. 16251.31

Per Metr. Cost=

Say Rs. 16251.00

31.70 Mtr Drain=

Rs. 515157.00

Prepared By -

  
S. A. E.  
Kandi Municipality  
Kandi Municipality

  
Chairman  
Kandi Municipality  
CHAIRMAN  
KANDI MUNICIPALITY