

12	SAHA PARA BUSTEE	With in dista nce less than 1 km	NA	NA	Withi n dista nce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
13	BANAK PARA BUSTEE	Withi n dista nce less than 1 km	NA	NA	Withi n dista nce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
14	BAGDI PARA BUSTEE	Withi n dista nce less than 1 km	NA	NA	Withi n dista nce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
14	SURI PARA BUSTEE	Withi n dista nce less than 1 km	NA	NA	Withi n dista nce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
15	ZAMIND AR ROAD BUSTEE	Withi n dista nce less than 1 km	NA	NA	Withi n dista nce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
16	SURYA SEN COLONY BUSTEE	Withi n dista nce less than 1 km	NA	NA	Withi n dista nce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
17	LALKUT HI BUSTEE	Withi n dista nce less than 1 km	NA	NA	Withi n dista nce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
18																				



19	AMBAGAN SOUTH BUSTEE	With in dista nce less than 1 km	NA	NA	Withi n distan ce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
20	NABANAGAR COLONY SOUTH BUSTEE	With in dista nce less than 1 km	NA	NA	Withi n distan ce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
21	DESHBANIDHU COLONY SOUTH BUSTEE	With in dista nce less than 1 km	NA	NA	Withi n distan ce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
22	MISHRI PUKUR WEST BUSTEE	With in dista nce less than 1 km	NA	NA	Withi n distan ce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
Non Slum																						
23	Ward no-07	Withi n dista nce less than 1 km	NA	NA	Withi n distan ce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA
24	Ward no-09	Withi n dista nce less than 1 km	NA	NA	Withi n distan ce less than 0.5 km	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	NA



Section 4 – Description of Proposed Project and Planning

4.1 Provision of Housing

The Supply Demand Gap and Requirements

Particulars

Requirements

Housing: Dwelling Unit provision for Households with standard provisions:

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

Physical Infrastructure Requirement:

Standard Infrastructure Provision for

- Water Supply
- Drainage
- Roads
- Electricity

Project Development Option

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

Proposed Development

Based on preliminary understanding, the following components are being proposed

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

Innovations proposed in Project Planning

Background

Housing activities are known to have the capacity to play a significant role in social-economic development, because they help not only in creation of shelter for the people by also in

generating employment opportunities for a large variety skilled and unskilled work force which is a prerequisite for growth and development of settlement. A considerable section of the people without land are in a still worse position as housing schemes for the poor have 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.



Physical Infrastructure

Background

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

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

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

2002). The present report provides key indicators from the 58th round as well, for

comparison. Some important findings of the survey are given below.

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

the slum.

- About 73% notified and 58% non-notified slums had a motorable approach road.
- About 48% of the slums were usually affected by water logging during monsoon – 32% with inside of slum waterlogged as well as approach road to the slum, 7% where the slum was waterlogged but not the approach road, and 9% where only the approach road was waterlogged in the monsoon.
- The sanitary conditions in the slums in terms of latrine facility during 2008-09 showed considerable improvement since 2002. Latrines with septic tanks (or similar facility) were available in 68% notified and 47% non-notified slums (up from 66% and 35% respectively in 2002). At the other extreme, 10% notified and 20% non-notified slums (down from 17% and 51% in 2002) did not have any latrine facility at all.
- About 10% notified and 23% non-notified slums did not have any drainage facility. The corresponding proportions in 2002 had been 15% for notified and 44% for non-notified slums. Underground drainage systems or drainage systems constructed of pucca materials existed in about 39% notified slums (25% in 2002) and 24% non-notified slums (13% in 2002).
- Underground sewerage existed in about 33% notified slums (30% in 2002) and 19% non-notified slums (15% in 2002).
- Government agencies were collecting garbage from 75% notified and 55% non-notified slums.
Among these slums, garbage was collected at least once in 7 days in 93% notified and 92% non-notified slums. About 10% notified and 23% non-notified slums did not have any regular mechanism for garbage disposal.
- Over the last five years, facilities had improved in about 50% of notified slums in terms of roads (both within-slum road and approach road) and water supply. The incidence of deterioration of any of the existing facilities in notified slums during the last five years was quite low (about 6% or below).
- In case of most slum facilities – sewerage and medical facilities being exceptions – the facility was reported to have improved during the last five years in more than 20% of non-notified slums. Deterioration of any of the existing facilities in non-notified slums, like notified slums, was rare (about 9% or below).
- Facilities such as street light, latrine, drainage, sewerage and medical facilities were each reported by more than 10% of notified slums to be non-existent both at the time of

survey and five years earlier. In case of non-notified slums, facilities like street light, latrine, drainage, sewerage and garbage disposal were each reported by more than 20% of the slums to be non-existent, both during the survey and five years earlier. Where improvement had been brought about during the last 5 years, it was due to the

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

Topographical survey and GIS mapping

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

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

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

Water Supply

Proposal Rationale

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

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

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

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

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

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

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

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

Outcome

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

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

Assessment of Overall State of Infrastructure

In line with the City Development Plan for Kolkata Metropolitan Area (Pg 11-28), it has been resolved that the entire KMA are will be switched over to surface water.

The following norms have been fixed for the region:

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

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

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

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

Situation Appraisal & Key Intervention for Identified Slum

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

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

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

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

Design Period for various Project Components

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

Service Plan

The pipelines needs to be regularly and kept in full working conditions. It is proposed that operation and maintenance of these pipelines and other assets be done in conjunction with the maintenance programme of the Municipal Corporation. The Bustee Working Committee shall be the first

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

Proposed Interventions

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

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

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

The details of water supply lines provide are as follow:

Transmission of Water

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

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

Following design criteria are adopted for this Project:

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

Drainage and Solid waste management

Proposal Rationale

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

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

Outcome

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

Assessment Overall State of Infrastructure

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

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

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

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

Proposed Interventions

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

Road Infrastructure

Proposal Rationale

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

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

Proposed status and strategy

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

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

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

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

Proposed Intervention

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

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

Outcome

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

Proposed Intervention

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

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

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

O&
M.

Materials of construction:

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

Definition of Slum for Housing

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

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

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

Situation Appraisal

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

Proposed Intervention

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

Table-26: Dwelling units

Building type	Number of DU
In situ single Unit	1317 within 22 slums & 2 non slums

Building Plan

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

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

Building material

- PCC (1:3:6) for foundation
- RCC M-20 for substructure & superstructure (Column, Beam, Slab)
- HYSD Steel
- 1st 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

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/m² at typical floor
- 1.5 kN/m² on terrace (With Access) : 0.75 kN/m² on terrace (without Access)
- Floor finish 50mm (0.05*24) = : 1.2 kN/m²
- Ceiling plaster 12mm (0.012*20.8) : 0.25 kN/m²
- Partition walls (Wherever Necessary) : 1.0 kN/m²
- Terrace finish: 1.5 kN/m²
- 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

principal directions.

Design data

- Live load: 2.0 kN/m² at typical floor
- 1.5 kN/m² on terrace (With Access) : 0.75 kN/m² on terrace (without Access)
- Floor finish 50mm (0.05*24) = : 1.2 kN/m²
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- SP: 34 - Hand Book on Concrete Reinforcement and Detailing.
- S: 875: 1987 - Code of practice for design loads (other than earthquake) for buildings and structures. (Part-2)

Identification of Beneficiaries

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

Allotment of Houses

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

Town Planning Norms

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

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

Compliance with Municipal Bye laws

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

Tenure

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

Summary of Investment

Project Costing

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

The cost components include:

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

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

GOI Contribution:

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

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

Beneficiary Contribution:

In order to ensure beneficiaries interest, financial contribution by the beneficiaries is critical..

The share of beneficiary contribution in housing is proposed to be a minimum of 25000/-. As per PMAY guidelines no contribution from the beneficiaries is expected in infrastructure improvements

State Contribution:

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

ULB Contribution:

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

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

Table-27: Share of Fund

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

4.2. Disaster Management and Mitigation

Most of the citizens admit the necessity of elimination of hazards arising out of collapse of ill maintained buildings of temporary nature during periods of heavy rains and storms and immediate renovation of drainage system by construction of drains of adequate size and re-sectioning of the channels for increasing their carrying capacities by following appropriate design for the same. The structural design of the building is made by the MED, Govt. of West Bengal considering the norms of disaster management

4.3. Statutory approval including environmental clearance (as applicable)

Table-28: Statutory approval including environmental clearance

IMPACT & REMEDIES		
1.	Utilization of alternative material Characteristics and availability of alternative material	Locally available bricks etc. will be used.
2.	Rehabilitation of water bodies & measures for maintaining surface runoff smoothly	No water body is affected by the alignment of road. The road side open C. C. / Brick masonry drains have been provided for free flow of storm water.
3.	Measures for Erosion Control	Not applicable for the slum area.
4.	Conservation of Topsoil a. Extent of loss of topsoil b. Area requirement for topsoil conservation c. Inclusion of conservation of topsoil d.	Not applicable for the slum area.
5.	Impact on Heritage & Culture a. Identification of locally significant cultural properties b. Assessment of likely impacts on each cultural property due to project implementation c. Possible measures for avoidance i) Identification of alternative routes ii) Relocation of Culture property in consultation with the local community iii) Common Property	Question does not arise.
6.	Location of Natural Habitants	It will not be disturbed
7.	Construction of site office / Camp	Temporary construction of camp / office shall be established by contractor and since the project is small and scattered, the temporary impact on environment for Construction Camp / office at the time of execution of work is negligible.
8.	Quarrying of Materials a. Sourcing of materials from quarries b. Lead from various existing quarries c. Adequacy of material for the project in these quarries	The construction materials require for the project shall be procured from : a) Stone metal: from the existing. b) Bricks: From the existing brick fields nearby the project site. c) Sand: From the nearest source. All the materials are sufficiently available.

9.	Water Requirement; Identification of potential sources of water	Water required for the construction of work will be available from ground water. There is no scarcity of water in the region.
10.	Location of Waste Water Disposal :	
	a. Location for disposal of waste water	The surface drain have been proposed in the slum for disposal of waste water.
	b. Outfalls locations for longitudinal drains	
	i) Outfall level and back flow	Natural slope of the ground will be maintained for waterways for discharge of surface runoff. No possibility of back flow except in the case of heavy flood.
	ii) The outfall is in natural stream; measures shall be taken to prevent sediment into the stream.	The storm water drain of the slums will discharge the water to the main high drain of the town.
11.	Air Pollution during construction work	Work shall be carried out by equipments like concrete mixer machine vibrator etc. at this time of concerting work only for which air pollution will be negligible.
12.	Identify locations susceptible to induced development	Locations vulnerable to induced development: In such location the Municipality has committed not to allow building construction activity. a. Lands within 50 m of junctions b. Agricultural lands with enforce restriction on building activity on either side of road. Stretches within 100m of worship places, weekly fairs and locations of community mass gatherings.
13.	Roles and responsibilities of municipality in regulating development	The municipality shall lay down restrictions on building activities along the by-pass roads : 1. Municipality will enforce restriction on building activity on either side of road. 2. Development of Residential sites outside Existing Settlement. Appropriate measure towards the removal of encroachments onto the public land to be taken.
14.	Traffic Congestion and related air & noise pollution	As the road passes through the slum area of the town and two wheelers, Three wheelers, light vehicle will move hence there will not be any traffic congestion, related air & noise pollution.

15.	Opportunity in economic activities due to ease of transportation system	<p>The benefits due to this project are :</p> <ol style="list-style-type: none"> 1. Generation of Man days 2. Improvement in Household or population sector i.e. Improvement of personal health, hygiene, socio- economic condition, education etc.
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Section 5 – Project Cost Estimate

5.1. Abstract cost estimates

5.1.1 Component wise abstract for each slum/Non slums area

Table-29: Component wise abstract for each slum/Non slums area

SL. NO	SLUM/ NON- SLUM NAME	DWELLING UNIT	INFRASTRUCTURES					Total
			Cost involved @ Rs. 3.68 Lakhs per DU.	Water Connection Unit(Numbers)	Cost Involved @ Rs. 0.01572 Lakh per Connection	C.C. ROADS (In Meter)	Cost involved @ Rs. .04097 lakh per meter	
1	LAXMI NARAYAN COLONY BUSTEE	180	662.4	180	2.8296	1547.72761	63.4104	728.64
2	BHANJO COLONY BUSTEE	23	84.64	23	0.36156	197.765194	8.10244	93.104
3	NICHU PURBACHAL BUSTEE	3	11.04	3	0.04716	25.7954601	1.05684	12.144
4	ARABINDA PALLY BUSTEE	55	202.4	55	0.8646	472.916768	19.3754	222.64
5	MITRA PARA RANI RASHMONI BUSTEE	58	213.44	58	0.91176	498.712228	20.43224	234.784
6	BALUR PARA BUSTEE	15	55.2	15	0.2358	128.9773	5.2842	60.72
7	WEST PRASAD NAGAR BUSTEE	22	80.96	22	0.34584	189.166707	7.75016	89.056
8	RAMPRASAD NAGAR BUSTEE	44	161.92	44	0.69168	378.333415	15.50032	178.112
9	M C MITTRA ROAD SIDE BUSTEE	91	334.88	91	1.43052	782.462289	32.05748	368.368
10	ADARSHA PALLY BUSTEE	49	180.32	49	0.77028	421.325848	17.26172	198.352
11	ACHARJEE PARA BUSTEE	76	279.68	76	1.19472	653.484989	26.77328	307.648
12	SAHA PARA BUSTEE	5	18.4	5	0.0786	42.9924335	1.7614	20.24
13	BANAK PARA BUSTEE	24	88.32	24	0.37728	206.363681	8.45472	97.152
14	BAGDI PARA BUSTEE	174	640.32	174	2.73528	1496.13669	61.29672	704.352
15	SURI PARA BUSTEE	6	22.08	6	0.09432	51.5909202	2.11368	24.288
16	ZAMINDAR ROAD BUSTEE	145	533.6	145	2.2794	1246.78057	51.0806	586.96
17	SURYA SEN COLONY BUSTEE	50	184	50	0.786	429.924335	17.614	202.4
18	LALKUTHI BUSTEE	28	103.04	28	0.44016	240.757628	9.86384	113.344
19	AMBAGAN SOUTH BUSTEE	19	69.92	19	0.29868	163.371247	6.69332	76.912
20	NABA NAGAR COLONY SOUTH BUSTEE	113	415.84	113	1.77636	971.628997	39.80764	457.424
21	DESHBANDHU COLONY SOUTH BUSTEE	68	250.24	68	1.06896	584.697095	23.95504	275.264
22	MISHRI PUKUR WEST BUSTEE	21	77.28	21	0.33012	180.568221	7.39788	85.008

	Sub Total	1269.00	4669.92	1269.00	19.95	10911.48	447.04	5136.91
Non Slum								
23	Ward No-7	33	121.44	33	0.51876	283.750061	11.62524	133.584
24	Ward No-9	15	55.2	15	0.2358	128.9773	5.2842	60.72
	Sub Total	48	176.64	48	0.75456	412.727361	16.90944	194.304
	Total	1317.00	4846.56	1317.00	20.70	11324.21	463.95	5331.22

5.2. Detailed Estimates

5.2.1. Detailed Estimate of Provision of Housing

Table-30: 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) Reference of Schedule of Rates : PWD (W.B.), Schedule of Rates Building & Sanitary w.e.f-01.07.2014 & Corrigenda Floor Area 25.37 sqm					
SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1	Earthwork in excavation in foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing spreading or stacking the spoils within a lead of 75 m as directed including trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water etc. as required complete. a) Depth of excavation not exceeding 1500mm . SOR, PWD, P-1, I-2 a	13.000	%cu.m.	12047.00	1566.11
2	Earth work in filling in foundation trenches or plinth with good earth in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete.(Payment to be made on the basis of measurement of finished quantity of work) a) With earth obtained from excavation of foundation. SOR, PWD, P-1, T/3 a	11.120	%cu.m.	7831.00	870.81
3	Supplying Laying Polithin Sheets etc. SOR, PWD, P-45, T - 13	22.000	sqm	25.00	550.00
4	Cement concrete with graded Stone ballast (40 mm.) excluding shuttering.a) In ground floor and foundation.6 : 3 : 1 proportion Pakur variety SOR, PWD, Page 24 ; Item -10 a	3.500	cu.m.	5823.00	20380.50

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE**Pradhan Mantri Awas Yojana Housing For All (Urban)****Total Covered Area- 32.58 sq.m (With Electrical Works)**

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

Floor Area 25.77 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
5	25 mm. thick damp proof with cement concrete (4:2:1) (with graded stone aggregate 10 mm. Normal size) and painting the top surface with a coat of bitumen using 1.7 kg. per sq.m. including heating the bitumen and cost and carriage of all materials complete. SOR, PWD, P-45, T-12	6.810	sqm,	297.00	2022.57
6	Brick work with 1st class bricks in cement mortar (6:1) a) In foundation and plinth. b) In super structure SOR, PWD, P-29, T -22(a), (b)	10.430 15.240	cum cum	5719.00 5943.00	59649.17 90571.32
7	125mm thick brick work with 1st. class bricks in cement mortar (4:1). a) In ground floor SOR, PWD, P-73, I -29	23.220	sq.m.	783.00	18181.26
8	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety SOR, PWD, P-14, T -7(i)	3.940	cu.m.	6851.66	26995.54
9	Reinforcements for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16G black annealed wire at every inter-section, complete as per drawing and direction. (a) For works in foundation, basement and upto roof of ground floor / upto 4m. (i) Tor steel/Mild steel. SOR, PWD, P-27, T -15(i)	0.309	MT	60705.93	18775.74
10	Hire and labour charges for shuttering with centreing and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels curved or straight including				

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

Pradhan Mantri Awas Yojana Housing For All (Urban)

Total Covered Area- 32.48 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.)
	fitting, fixing and striking out after completion of works. (upto roof of ground floor). (When the height of a particular floor is more than 4 m. the equivalent floor ht. shall be taken as 4 m. and extra for works beyond the initial 4 m. ht. shall be allowed under 12(e) for every 4 m. or part thereof.) SOR, PWD, P-66, T -12(a)				
	25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. Ground Floor	37.063	M ²	360.00	13342.68
11	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary . In ground floor. A) With 6:1 cement mortar. a) Inside wall 20 mm thick plaster SOR, PWD, P-151, T -2 (i)(b) b) Out side Wall, 15mm th. SOR, PWD, P-151, I -2 (i)(c) B)10mm th ceiling plaster (4:1) SOR, PWD, P-151, I -2 (i)(c)	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. SOR, PWD, P-152, I -8	26.700	sq.m.	38.00	1014.60
13	Artificial stone in floor,dado, staircase etc. with cement concrete (4:2:1) with stone chips laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works, using cement @ 1.75 kg./sq.m. all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted) with ordinary cement. 20mm thick SOR, PWD, P-40, I -3 (i)	26.490	sq.m.	265.00	7019.85
14	Supplying, fitting & fixing MS clamp for fixing door and window frame made of flat bent bar, end bifurcated, fixed in cement concrete with stone chips (4:2:1)a fitted and fixed oplete as per direction.	34	each	22.00	748.00

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE**Pradhan Mantri Awas Yojana Housing For All (Urban)****Total Covered Area- 32.58 sq.m (With Electrical Works)**

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

Floor Area 25.37 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	40mm x 6mm x 125 mm length. (Cost of cement concrete will be paid separately) SOR, PWD, P-90, I-18 (c)				
15	Wood work in door and window frame fitted and fixed complete including a protective coat of painting at the contact surface of the frame other Local wood SOR, PWD, P-85, T -1(i)	0.213	cu.m.	46171.00	9834.42
16	Panel Shutter of door & Window (each Panal Consisting Of single Plan without Join) 25 mm thick shutter with 12 mm thick Panal of size 30 to 45 cm. Other Local wood SOR, PWD, P-105, I-84 (iv)c	8.520	sq.m.	1567.00	13350.84
17	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. a)75mm x 47mm x 1.70mm SOR, PWD, P-91, T -20(iv)	32.000	each	34.00	1088.00
18	Iron Socket Bolt of approved quality fitted and fixed complete. i) 150 mm long x 10 mm dia SOR, PWD P-93, I-25,c	11.000	each	71.00	781.00
19	White washing including cleaning and smoothening surface thoroughly (5 parts of stone lime and 1 part of shell lime should be used in the finishing coat). Two Coats SOR, PWD, P-155, I-3 (b)	124.960	%sq.m.	1887.00	2358.00
20	Colour washing with ella with a coat of white wash priming including cleaning and smoothing surface thoroughly external surface One Coat SOR, PWD, P-155, I-4(ii)(a)	100.560	%sq.m.	1514.00	1522.48
21	Priming one coat on timber, plastered or on steel or other metal surface with synthetic enamel/oil bound primer of approved quality including smoothening surfaces by sand papering etc.				
	1) On timber surface SOR, PWD, P - 162, I - 7(a)	21.690	sq.m.	41.00	889.29
	2) On Steel Surface SOR, PWD, P - 162, I - 7(b)	2.700	sq.m.	31.00	83.70

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE**Pradhan Mantri Awas Yojana Housing For All (Urban)****Total Covered Area- 32.58 sq.m (With Electrical Works)**

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

Floor Area 25.77 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
22	Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : With super gloss (hi-gloss)-With any shade except white.				
	a) On timber or plastered surface Two Coats	21.690	sq.m.	89.00	1930.41
	b) On Steel surface Two Coats	2.700	sq.m.	86.00	232.20
	SOR, PWD, P - 162, - 8A(aii),(bii)				
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	2.000	each	193.00	386.00
	SOR, PWD, P-93, I - 27c				
24	Precast piered concrete jally work as per design and manufacture's specification including moulding etc. with stone chips and necessary reinforcement shuttering complete including fitting, fixing in position in all floors. (a) 37.5 mm th. panels Cement & steel required for this item will not be issued by deptt.	1.690	sq.m.	351.00	593.19
	SOR, PWD, P-32, I - 38 (b)				
25	Supplying, fitting and fixing UPVC down pipes A type and fittings conforming to IS 13592-1992 with necessary clamps nails including making holes in walls, etc. and cutting trenches in any soil, through masonry concrete structure etc. if necessary and mending good damages including jointing with jointing materials (Spun yarn, valamoid / bitumen / M. seal etc.) complete.				
	P-173, I-21 A (ii), C(ii), D(ii)				
	SOR, PWD, P173, I - 21 A (ii), C(ii), D(ii)				
	i) UPVC Pipe 110 mm dia	3.000	Mtr.	291.00	873.00
	ii) UPVC Bend 87.5 degree 110 mm dia	2.000	each	162.00	324.00
	iii) UPVC Shoe 110 mm	1.000	each	128.00	128.00
26	M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor.	0.284	Qntl	8247.00	2342.15

[Signature]
Sub Assistant Engineer
<B.S.U.P>
HALISAHAR MUNICIPALITY

[Signature]
ASSISTANT ENGINEER
HALISAHAR MUNICIPALITY

[Signature]
Chairman
Halisahar Municipality

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE**Pradhan Mantri Awas Yojana Housing For All (Urban)****Total Covered Area- 32.53 sq.m (With Electrical Works)**

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

Floor Area 25.77 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	Grill weighing 10 kg/sq m to 16 kg/m ² SOR, PWD, P - 76, I - 10 (i) (2.70sqm @ 10.5kg per sqm = 28.35 kg)				
27	Shallow water closet Indian pattern(I.P.W.C.) of approved make in white vitreous chinaware supplied, fitted and fixed in position (excluding cost of concrete for fixing). 450 mm long SOR, PWD, (Sanitary) P - 65, I - 1 (iii)	1.000	each	1062.00	1062.00
28	Foot rest for water closet of size 275 mm X 125 mm with Artificial stone(4:2:1) with 6 mm stone chips and chequered including adding colour as necessary. SOR, PWD, (Sanitary) P - 66, I - 9	1.000	Pair	70.00	70.00
29	Supplying, fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989 / 1970 and 1729 / 1964 including lead caulked joints and painting two coats to the exposed surface. S Trap 100 mm SOR, PWD, (Sanitary) P - 54, I - 14(B-iii)	1.000	each	923.00	923.00
30	Supplying, fitting fixing CI Round Gratings 150mm dia SOR, PWD, (Sanitary) P - 55, I - 18(ii)	1.000	Each	100.00	100.00
	Construction of 2 circular leach pit of inside diameter 1000 mm. & a depth of 1000 mm. With a layer of 250 mm. Thick brick work with cement mortar (6:1) & honeycombed brick wall (4:1) at every alternate layer upto a height of 925 mm. From bottom and then 125 mm. thick brick wall (4:1) for a height of 300 mm. and covered with 75m. RCC slab (4:2:1) with 8mm tor steel @ 150 mm. centre to centre both ways including plustering and neat cement punning on top of the slab and making hooking 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	1	Item	7544.00	7544.00

[Signature]
Sub Assistant Engineer
<B.S.U.P>
HALISAHAR MUNICIPALITY

[Signature]
ASSISTANT ENGINEER
HALISAHAR MUNICIPALITY

[Signature]
Chairman
Halisahar Municipality

DETAILED ESTIMATE FOR THE CONSTRUCTION OF SINGLE UNIT DWELLING HOUSE

Pradhan Mantri Awas Yojana Housing For All (Urban)

Total Covered Area- 32.53 sq.m (With Electrical Works)

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

Floor Area 25.77 sqm

SL No.	Description of Works	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	requirement to connect with the inspection pit complete with all respect as per direction of EIC.(ANNEXURE-II)				
	TOTAL AMOUNT		Rs.		350000.36
	Say		Rs.		350000.00
	Add for Electrical Works (ANNEXURE-I)		Rs.		17858.00
	TOTAL AMOUNT		Rs.		367858.00
	Say		Rs.		368000.00

(Rupees Three lakh Sixty eight thousand only)

Table-31: ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY

ESTIMATE FOR ELECTRICAL WORKS FOR ONE DWELLING UNIT UNDER PMAY (ANNEXURE-I)					
Sl. No	Item of works	Unit	Rate	Quantity	Amount
1	Supplying & fitting polythene pipe complete with fittings as necessary. Under celing /beam/bound with 22SWG GI wire inclusive S & Drawing 1x18 SWG GI wire as fish wire inside the pipe & fittings and providing 55 mm dia disc of MS sheet (20SWG) having colour paint at one face first ended at the load point end of the polythene pipe with fish wire (synchronizing with roof/beam casting work of building construction) 19 mm dia 3 mm thick polythene pipe	RM	39.00	25.00	975.00
2	Powerckt wiring supplying and drawing 1 ; 1KV grade single core stranded FR PVC insulated & unseathed single core stranded Copper wire (Finolex make) 2 x 2.5 sqmm (PH & N) +1x1.5 sqmm (ECC) per laid polythene pipe and by the prelaid GI fish wire & making necessary connections as required.	RM	76.00	50.00	3800.00
3	Concealed Distribution wiring in in 2x1.5 sqmm single core standard *FR* insulated and unseathed cop per wire Finolex make & 1x1.5 sq mm single core stranded PVC insulated and unseathed cop per (Finolex make) wire used as ECC in 19 mm bore 3 mm thk. polythene pipe complete with all accessries embedded in wall smooth run to light / fan/call bell point with pino key type switchb (6 Amps) (Anchor make) fixed on sheet metal (16 SWG) Switch Board with bakelite/ perspex (wall maching colour) Top cover (3 mm thick) flushed	points	828.00	10.00	8280.00

	in wall including mending all good damages to original finish Average per point 6.00 mt.				
4	Deistribution concealed wiring with 2x1.5 sq mm (PH & N) single core stranded FR PVC insulated & unsheathed single core stranded 1.1 KV grade Copper Wire (finolex) & 1x1.5 sq mm (ECC) single core stranded (PH & N) 1.1 KV grade cu wire (finolex) & 1 x 1.5 sq mm single core stranded PVC insulated & unsheathed cu wire (finolex) used as ECC in 19 mm bore, 3 mm thick polythene pipe complete with all accessories embedded in wall 250 volt 5 amp 3 pin plug point including S & F 250 Volt 5 amp 3 pin flush type plug socket & piano key type swich (Anchor make) on existing switch board as mentioned sl. no.3	points	76.00	2.00	152.00
5	Supplying & drawing 1.1 KV grade single core stranded FR PVC insulated & unseathed single core stranded cu Wire 3x2.5 sq mm (finolex make) in the prelaid polythene pipe & by the prelaid GI fishwire & making necessary connection as required (CESC supply to consumer DP near to CESC & inside the room another DP near CESC & inside the room another DP of dwelling units)	RM	86.00	15.00	1290.00
Sl. No	Item of works	Unit	Rate	Quantity	Amount
6	Supplying Delivery & instalation on wall of 30/32 amp DP MCB of Havel's make with enclosed box along with all its necessary 1 connection complete.(Anchor)	nos	808.00	2	1616.00
7	Earthing in soft soil with 50 mm dia GI pipe (TATA make Medium) 3.64 mm th. X 3.04 Mtr long and 1 x 4 SWG GI (hot dip) wire (4 m long) 13 mmdia x 80 mm long GI bolts, double nuts, double washer including S & F 15 mm dia GI protection (1 mtr long) to be filled with bitumen partly under the ground level & partly above GL driven to an average depth of 3.65 m below the GL & restoring surface duly rammed.	each	1715.00	1	1715.00
8	Connecting the equipment to earth BUSbar inclusive S&F 10 SWG (Hot Dip) GI wire on wall /floor with a staples buried inside wall /floor as required & making connection to equipments with bolt, nut, washer, cable lugs etc. as required & mending good damages.	M	6.00	5	30.00
			TOTAL		17858.00
	Rupees Thirteen Thousand Eight Hundred Seventy Eight Only				17858.00

Table-32: Cost Estimate for 2 Nos Leach Pit for single unit Dwelling Unit

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

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

Table-33: Detailed Estimate for Single Dwelling unit

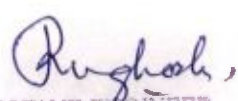
Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.88 sqm							
	C/L of main outer wall		125 mm Partitionwall			Varandah C/L	
		4.65			3.375		1.275
		0.8			1.15		0.9
		1.15			1.15	2.3	2.175
		3.45			2.187		
		1.15			1.9		
		1.7			1.387	5.474	
		3.375			11.149		
		1.275					
		2.825					
		3.125					
		23.5					
	X wall	1.25					
Sl.no.							
1	Earth work in excavation						
	250 mm wall						
	1	23.5	0.75	0.7	12.34		
		0.875	0.75	0.7	0.46		

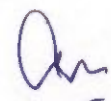
Detailed Estimate for Single Dwelling unit Floor area 25.37 sqm Built up area 32.58 sqm								
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L
		24.375			12.8	m3		
	125 mm Wall							
		2.625	0.4	0.225	0.24			
	WC	0.4	0.4	0.225	0.04			
	Bath	0.65	0.4	0.225	0.06			
	5.474	0.75		0.225				
		4.724	0.4	0.225	0.43			
	Varanda	1.425	0.4	0.225	0.13			
					0.88			
	Step	0.5	0.9	0.075	0.034			
					13.715	m3		
2	Soling							
		24.375	0.75		18.281			
		11.45	0.4		4.58			
					22.861			
3	Polythene sheet							
		2.575	3.125		8.047			
		2.875	2.625		7.547			
		2	1.65		3.3			
	passage	0.625	2.375		1.484			
	Bath&WC	2.7	0.9		2.43			
	Varndah	1.025	0.6		0.615			
	step	0.9	0.5		0.45			
					23.873			
4	Jhama concrete							
			18.28	0.075	1.371			
			4.58	0.075	0.344			
			23.93	0.075	1.795			
					3.51			
5	Earth work in filling 1/5 excavation							
			13.715	5	2.743			
			23.48	0.375	8.805			
					11.548	m3		
6	B.W (6:1) in Foundation of plinth							
		23.5	0.625	14.6875				

Detailed Estimate for Single Dwelling unit Floor area 25.76 sqm Built up area 32.58 sqm									
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L	
	23.5	0.5		11.75					
	23.5	0.375		8.8125					
				35.25	0.15	5.288			
	23.5	0.25			0.525	3.084			
	X wall	0.938	0.625	0.586					
		1	0.5	0.5					
		1.063	0.375	0.399					
				1.485	0.15	0.223			
		1.125	0.25		0.525	0.148			
	125mm	3.125	0.25		0.525	0.41			
	Bath&WC	2	0.9	0.25	0.523	0.235			
	Kit	5.224	0.25		0.525	0.686			
	Vard	1.925	0.25		0.525	0.253			
	Steps	0.5	0.9		0.15	0.068			
		0.25	0.9		0.15	0.034			
						10.427	m3		
7	DPC	23.5							
		1.125							
		24.625		0.25		6.156			
		3.125							
		1.8							
		5.224							
		10.149		0.125		1.269			
						7.425			
	Less	0.9		0.25	0.225				
		0.9		0.125	0.113				
		3	0.75	0.125	0.281				
						0.619			
						6.806	sqm		
8	BW in super structure (6:1)								
		23.5							
		1.125							
		24.625	2.75	0.25	16.93				
	Parapet	23.8	0.075	0.25	0.446				
						17.376			

Detailed Estimate for Single Dwelling unit									
Floor area 25.78 sqm Built up area 32.58 sqm									
C/L of main outer wall				125 mm Partitionwall				Varandah C/L	
Less opens									
	1	0.9	2.1	1.89					
	4	0.9	0.9	3.24					
	1	0.75	0.9	0.675					
	3	0.75	0.75	1.688					
				7.493	0.25	1.873			
Lintel									
	1	1.525	1.525						
	4	1.2	4.8						
	1	1.05	1.05						
			7.375	0.25	0.1	0.184			
Wo2									
	1	3.05	3.05	0.25	0.1	0.076			
					(-)	2.134			
Net brick work							15.242	m3	
9	125 th. Brick work (6:1)								
	room		3.125	2.6	8.125				
	kit		2.125	2.75	5.844				
			1.65	2.75	4.5375				
			1.45	2.65	3.8425				
	2		0.9	2.1	3.78				
						26.12875			
Less opening									
	1	0.9	0.9						
	3	0.75	2.25						
			3.15	2.1	6.615				
Lintel									
	1	1.3	1.3						
	1	1.025	1.025						
			2.325	0.1	0.2325				
					6.8475				
						19.28125			
Parapet									
		23.5		0.15		3.525			
						22.806			
	passeege	0.75		0.55		0.4125			
						23.219	sqm		


Sub Assistant Engineer
<B. S. U. P>
HALISAHAR MUNICIPALITY


ASSISTANT ENGINEER
HALISAHAR MUNICIPALITY


Chairman
Halisahar Municipality

Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.58 sqm								
	C/L of main outer wall			125 mm Partitionwall			Varandah C/L	
10	Conc M-20							
	Roof slab							
	32.15	1.1475	31.003		0.1	3.1		
	Beam		3.625	0.25	0.15	0.136		
			2.575	0.25	0.1	0.064		
	Lintel						3.301	
	D1	1	1.525	1.525				
	W1	4	1.2	4.8				
	W2	1	1.05	1.05				
	WO2	1	3.05	3.05				
				10.425	0.25	0.1	0.261	
	D1	1	1.39	1.39				
	D2	1	1.025	1.025				
	D2	2	1.4	2.8				
	O2	1	0.875	0.875				
	D2	2		6.09	0.125	0.1	0.076	
	Chaja							
	W1	4	1.2	4.8				
	W2	1	1.03	1.03				
	D1	1	1.275	1.275				
	WO2	1	3.05	3.05				
				10.155	0.3	0.075	0.228	
							3.866	m3
11	Reinforcement							
		3.866	0.80%	1	7850	0.243	MT	
12	Shuttering							
	31	23.5	1.125					
			24.63	0.25				
	31			6.156	24.844			
	Side beam	2	3.125	0.15	0.9375			
		2	2.325	0.1	0.465			
	side slab	1	25.3	0.1	2.53			
	Lintel	1	0.9	0.25	0.225			
		1	1.525	0.1	0.153			

[Signature]
Sub Assistant Engineer
<B.S.U.P>
HALISAHAR MUNICIPALITY

[Signature]
ASSISTANT ENGINEER
HALISAHAR MUNICIPALITY

[Signature]
Chairman
Halisahar Municipality

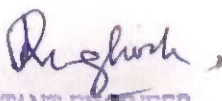
Detailed Estimate for Single Dwelling unit Floor area 25.37 sqm Built up area 32.58 sqm									
	C/L of main outer wall				125 mm Partitionwall			Varandah C/L	
		1	1.275	0.35	0.446				
		1	0.3	0.05	0.015				
						29.615	sqm		
4W1		4	0.9	0.25	0.9				
		4	1.2	0.1	0.48				
		4	1.2	0.35	1.68				
	2	4	0.3	0.05	0.12				
1W2		1	0.75	0.25	0.188				
		1	1.05	0.1	0.105				
		1	1.05	0.35	0.368				
	2	1	0.3	0.05	0.03				
WO2		3	0.75	0.25	0.563				
	1	1	3.05	0.1	0.305				
		1	3.05	0.35	1.068				
	2	1	0.3	0.05	0.03				
Lintel 125 Wall									
D1		1	0.9	0.125	0.113				
		2	1.3	0.1	0.26				
D2		2	0.75	0.125	0.188				
	2	2	1.15	0.1	0.46				
D2		2	0.75	0.125	0.188				
		2	1.9	0.1	0.38				
						7.423			
						37.038	sqm		
13	Plaster (6:1)								
	Out side 15 mmth.								
			2.85	1.125	0.45				
		25.3			4.425	111.953	sqm		
	Inside 20 mm th.								
	2	2.7	3.125	2.75	32.038				
	2	2.875	2.625	2.75	30.25				
	2	2	1.65	2.75	20.075				
	2	2.075		2.75	11.413				
	Above lintel								
	1	0.75		0.65	0.488				
	Bath								
	2	0.9		2.75	4.95				

Detailed Estimate for Single Dwelling unit									
Floor area 25.77 sqm Built up area 32.58 sqm									
C/L of main outer wall				125 mm Partitionwall				Varandah C/L	
WC									
1	2.95		2.75	8.113					
1	2.25		2.75	6.188					
4	2.2		0.9	7.92					
T. 125 wall									
2	0.9		0.125	0.225					
					121.658				
Open out side less									
3	0.75		2.1	4.725					
				(-)	4.725				
					116.933	sqm			
Celling Plaster									
					24.47				
Less									
					1.14				
					23.33	Sqm			
14	Neat cement punning								
Out side		Plinth							
	25.3	0.45			11.385	Sqm		11.385	
Inside									
	2		2.7	3.125					
			2	5.825	0.1	1.165	Sqm		
			2.875	2.625					
			2	5.5	0.1	1.1	Sqm		
Kithen		2		1.65					
			2	3.65	0.45	3.285	Sqm		
			1	1.65	0.45	0.743	Sqm		
			2	2.075	0.1	0.415	Sqm		
Varanda				1.775		0.1		0.178	
							Sqm		
step WC		1		3		0.45		1.35	
							Sqm		
Bath				3.5		2		7	
							Sqm		
				0.75	0.1	0.075	Sqm		
In side punning								15.31	
								15.31	
Total								26.695	
							Sqm		
15	Art. Stone flooring								
Floor area						25.37		sqm	
Step		2 0.9		0.25		0.45			
W1		4 0.9		0.1		0.36			

Detailed Estimate for Single Dwelling unit Floor area 25.77 sqm Built up area 32.58 sqm									
	C/L of main outer wall			125 mm Partitionwall			Varandah C/L		
	W2	1	0.75	0.1		0.075			
	W3	3	0.75	0.1		0.225			
							26.48	Sqm	
16	Ms Clamp for door & window								
	D1+D2	4		6		24			
	W1+W2	5		2		10			
							34	nos.	
17	Wood work in Door & window frame								
	D1	2	5.1	10.2					
	D2	2	4.95	9.9					
	W1	4	3.6	14.4					
	W2	1	3.3	3.3					
				37.8	0.075	0.075	0.213	m3	
18	Z batten shutter								
	D1	2	0.775	2.025		3.139			
	D2	2	0.625	2.025		2.531			
	W1	4	0.775	0.775		2.403			
	W2	1	0.775	0.625		0.484			
							8.557	sqm	
19	Iron Butt Hinges								
	D1+D2					12			
	W1	4		4		16			
	W2	1		4		4			
							32	nos.	
20	Iron socket bolt								
	Door				6				
	Window				5				
							11	nos.	
21	White wash								
	Inside+Ceiling Plaster- inside punning								
			116.933	23.33	15.31		124.953	sqm	
22	Colour wash								
	Out side Plaster- out side punning								
			111.953	11.385			100.568	sqm	

Detailed Estimate for Single Dwelling unit Floor area 25.78 sqm Built up area 32.18 sqm									
	C/L of main outer wall			125 mm Partitionwall			Varandah C/L		
23	Priming on timber surface								
	2	2	0.9	2.1		7.56			
	2	2	0.75	2.1		6.3			
	4	2	0.9	0.9		6.48			
	1	2	0.75	0.9		1.35			
							21.69	sqm	
24	Painting best quality on wooden surface								
	same sl.no. 23						21.69	sqm	
25	MS ornamental gril....10Kg-16 Kg								
	W1	4	0.75	0.75	2.25				
	W2	1	0.75	0.6	0.45				
					2.7				
					@12Kg/sqm	32.4		Kg	
26	Priming on Steel surface								
							2.7	sqm	
27	Painting best quality on steel surface								
	same sl.no. 24						2.7	sqm	
28	R.C.C. Shelf								
		1.75	0.5				0.875	sqm	
29	Roof treatment with cow dang								
							32.18		
	Deduct	1.14	(varanda)	1.14					
	Cornice	25	0.125	3.125					
				27.915			27.915	sqm	


Sub Assistant Engineer
<B.S.U.P>
HALISAHAR MUNICIPALITY


ASSISTANT ENGINEER
HALISAHAR MUNICIPALITY


Chairman
Halisahar Municipality

5.2.2. Detailed Estimate of adoption of Concrete Road:

Table-34: Detailed Estimate of adoption of technology for Concrete

ESTIMATE FOR CONSTRUCTION OF CONCRETE ROAD 2.5 MRTRE WIDE								
PWD BUILDING SCHEDULE 2014								
SI No	Description of Items	Length	Breadh	Depth	Quantity	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches leveling dressing and ramming the bttom boiling out water aqs required complete . Depth of exavation not existing 1500mm P.No-1, I-2(a)	1.00	2.5	0.400	1.000	%Cu.M	12047.00	120.47
2	Filling foundation or plinth by silver sand in layer not exceeding 150 mm. as directed and consolidating same by through saturation with water ramming complete. Including the cost of supply of sand. (a) by fine sand P.No-2, I-4(B)	1.00	2.5	0.200	0.500	%Cu.M	110422.00	552.11
3	Single brick flat soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with powdered earth or local sand P.no-11, I-1	1.00	2.5		2.500	Sq.M	377.00	942.50
4	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes P.no-24, I-10(a)	1.00	2.5	0.125	0.313	Cu.M	6802.74	2,125.86
5	Brick edging 75 mm. wide with picked jhama bricks, laid true to line and level including cutting necessary trench in sopil or in hard metalled surface, laying the bricks and repacking the trench (on both sides of the edging) with spoils and ramming the same throughly, complete as per direction. (b) Brick-on-end edging (250 mm) depth. P.No-189, I-3(b)	2.00			2.000	%Mtr	9392.00	187.84
6	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound in conformity with the Municipapal /Corporation Rules forsuch disposal, loading into truck and cleaning the site in all respect as per direction of Engineer - in -Charge P.no-9, I-13	1.00	2.500	0.400	1.000	Cu.M	168.00	168.00
							Total=	4,096.78
							Total=	4,097.00

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

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

ESTIMATE FOR CONSTRUCTION OF CONCRETE ROAD 2.5 MRTRE WIDE								
PWD BUILDING SCHEDULE 2014								
Sl No	Description of Items	Length	Breadth	Depth	Quantity	Unit	Rate	Amount
	table-1-1 of annexure -1				1.1x.055x7364			
	Note;- Quantity of cement shall be same as step-2 Final Rate of item = Rs A - Rs B + Rs C = Rs D				Rs			6068.03 (D)

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

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

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

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

Annexure - II**Format - A**

(Format for Rate Analysis of Cement Concrete Item)

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

(i) Pakur Variety

Consumption of Stone aggregate (Page B-59)

20 mm = 0.573

Cum

10 mm = 0.287

Cum

Distance of site considered =

10

Km

Steps

Quantity

Unit

Rate

Amount

Step - 1 Rate of item as per relevant section of this Schedule A =

1.00

CUM

5389.00

5389.00

Step - 2 Add cost of stone aggregate of different grading as per consumption required for one cum of concrete.

(As per table:T-1)

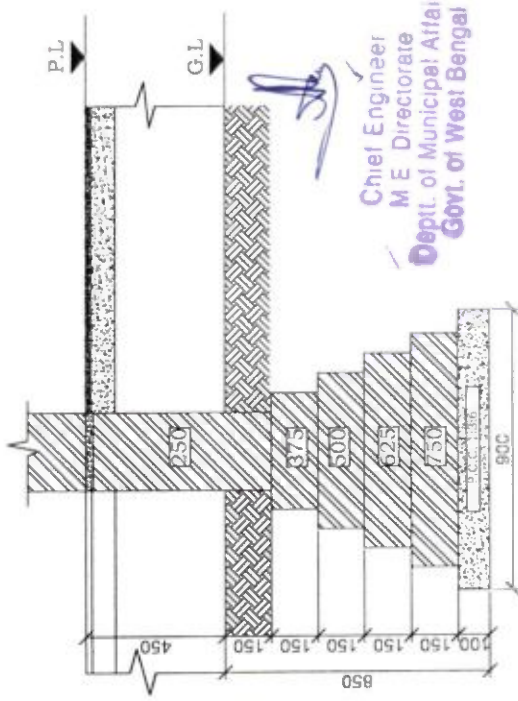
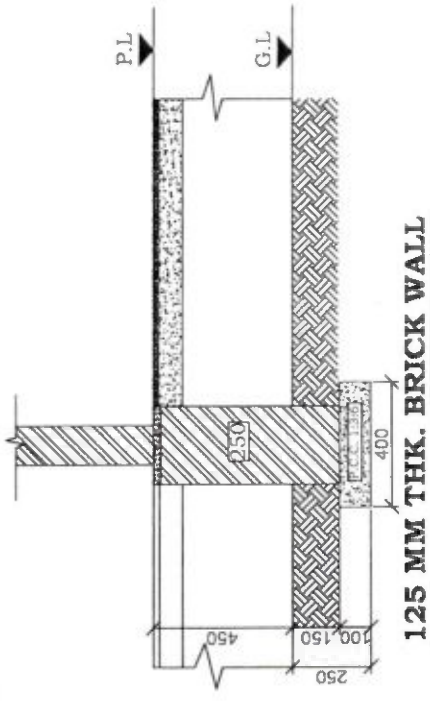
Station : kalyani				
20mm Nominal Size:	0.573	CUM	1463.00	838.30
10mm Nominal Size:	0.287	CUM	1296.00	371.95
Total B =				1210.25
Step - 3 Add cost of carriage of stone aggregate as per consumption required for one cum of concrete.				
(As per table:T-2)				
20mm Nominal Size:	0.573	CUM	178.50	102.28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

Shashan
Sub Assistant Engineer
<B. S. U. P>
HALISAHAR MUNICIPALITY

Du ghosh
ASSISTANT ENGINEER
HALISAHAR MUNICIPALITY

Am
Chairman
Halisahar Municipality

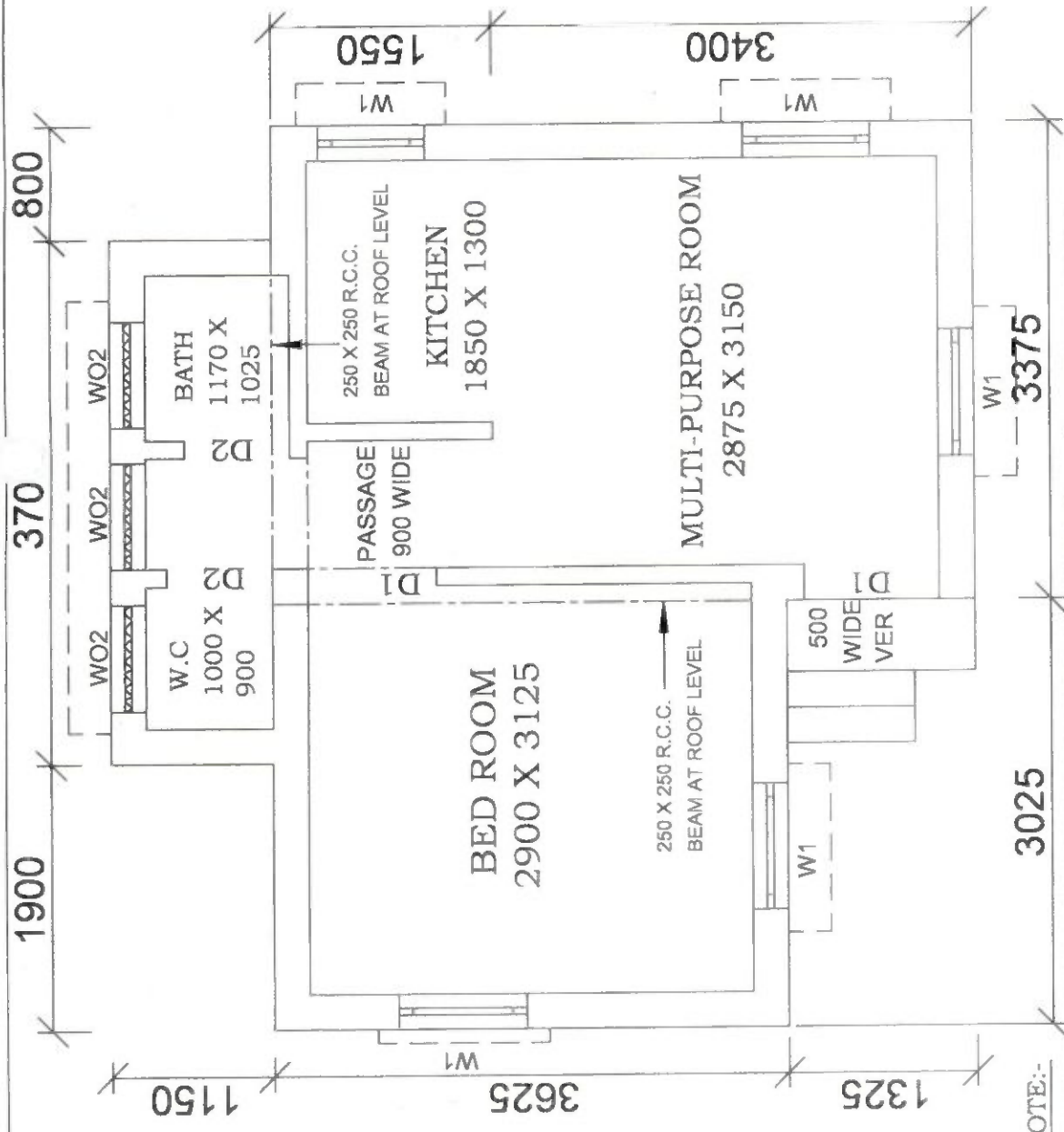
FOUNDATION DETAILS



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

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

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



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

- FLOOR AREA - 25.77 SQM.**
BUILT UP AREA - 32.58 SQM.
- NOTE:-**
- ALL WINDOW OPENINGS (W1&W2) WILL BE PROVIDED WITH Z-BATTEN SHUTTERS.
 - ALL DOORS (D1&D2) -25TH Z-BATTEN SHUTTERS, SINGLE LEAF.
 - WO2 - OPENING PROVIDED WITH R.C.C. JALLI.
 - PLINTH HEIGHT - 450 TH.
 - CEILING HEIGHT - 2750 TH.
 - MAIN WALL - 250 TH.
 - PARTITION WALL - 125 TH.
 - ROOF SLAB, BEAM, LINTEL, ETC. WITH REINFORCED CEMENT CONCRETE M20 GRADE.
 - FLOOR OF VERANDAH, WC, BATH, & KITCHEN ROOM TO BE KEPT 15 MM BELOW THE FLOOR LEVEL OF ROOM & PASSAGE.
 - 100 MM TH. PIECE LINTEL OVER OPENING HAVE BEEN PROVIDED.
 - ALL DIMENSION ARE IN MM.

3025

3375

1150

3625

1325

1900

370

1550

3400

250 X 250 R.C.C.
BEAM AT ROOF LEVEL

250 X 250 R.C.C.
BEAM AT ROOF LEVEL

500
WIDE
VER

PASSAGE
900 WIDE

KITCHEN
1850 X 1300

BED ROOM
2900 X 3125

MULTI-PURPOSE ROOM
2875 X 3150

W.C.
1000 X
900

BATH
1170 X
1025

WO2

WO2

WO2

D2

D2

D2

W1

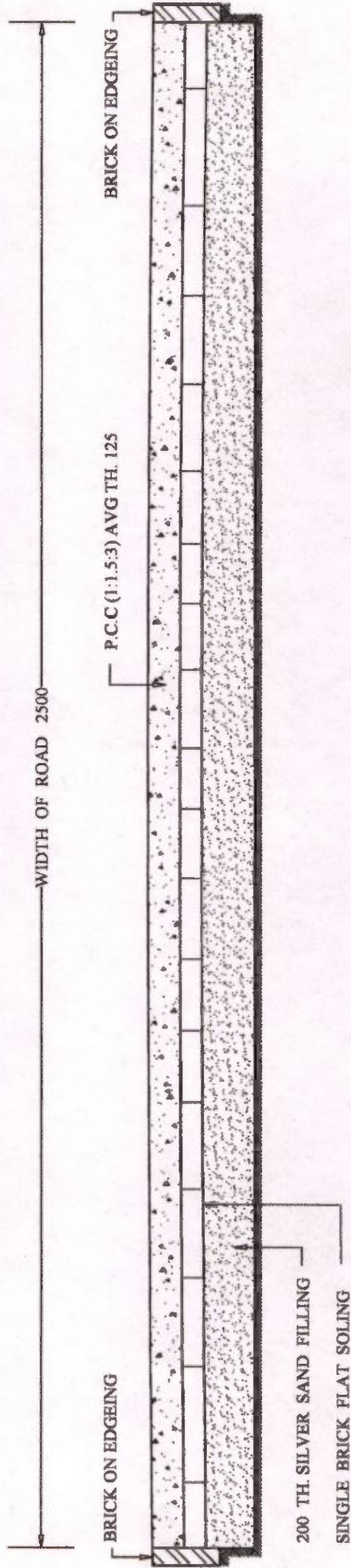
W1

W1

W1

HALISAHAR MUNICIPALITY
HALISAHAR

TYPICAL CROSS SECTION OF CEMENT CONCRETE ROAD



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

[Signature]
Sub Assistant Engineer
<B.S.U.P>
HALISAHAR MUNICIPALITY

[Signature]
ASSISTANT ENGINEER
HALISAHAR MUNICIPALITY

[Signature]
Chairman
Halisahar Municipality

Section 6 – Project Implementation & Management Framework

6.1. Institutional Framework for implementation

(SLTC and CLTC etc)

Central Sanctioning and Monitoring Committee (CSMC)

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

Indicative Functions of CSMC

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

State Level Sanctioning and Monitoring Committee (SLSMC)

Indicative functions of SLSMC

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

Halisahar Municipality

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

- I. **Housing for All Nodal Officer:** Assistant Engineer of the Halisahar Municipality has been designated as the HFA Nodal Officer for the Halisahar Municipality demonstrating the commitment and willingness of the Halisahar Municipality to implement the HFAPoA.
- II. **Housing for All Working Group:** Halisahar Municipality has created a HFA working group with departmental heads of all key departments including PWD, Revenue, Health, Water Supply, Planning, Poverty and BSUP. The working group was instrumental in preparing the HFAPoA and going forward will be responsible for the implementation of HFAPoA.
- III. **Slum level federation at city level and slum dweller association at slum level:** Halisahar Municipality has two CDS covering 23 wards and plan to establish a slum level federation at city level and slum dweller association at slum level for smooth implementation of HFA and ensuring that the detailed project reports are prepared in consultation with the community. The slum dweller association would also implement the O&M plan, which community had agreed upon, by collecting the contributions amongst themselves and formation of group housing societies as may be required.

6.2. Implementation schedule

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

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

Table-35: Quarterly component wise investment schedule vis-a-vis means of finance (Central/State/ULB/Beneficiaries share)

Fund Type	Total Project cost			DU for 1317 nos			Physical Infrastructure		
	DU for 1317 nos	Physical Infrastructure	Total	1st Quarter	2nd Quarter	Total	1st Quarter	2nd Quarter	Total
Central	1975.50	0.00	1975.50	790.20	1185.30	1975.50	0.00	0.00	0.00
State	2541.81	242.33	2784.14	1016.72	1525.09	2541.81	121.16	121.16	242.33
ULB	0.00	242.33	242.33				121.16	121.16	242.33
Beneficiaries share	329.25	0.00	329.25	329.25	0.00	329.25	0.00	0.00	0.00
Total	4846.56	484.66	5331.22	2136.17	2710.39	4846.56	242.33	242.33	484.66

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

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

6.5. Quality Control & Quality Assurance Plan.

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

Section 7 – Operation & Maintenance Plan

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

Section 8 – Project Financials

Table-36: Project Financials





Component	Central share	State share	ULB share	Beneficiary Share	Total project cost
Housing	1975.50	2541.81	0.00	329.25	4846.56
Infrastructure	0.00	242.33	242.33	0.00	484.66
*O&M charges	0.00	0.00	0.00	0.00	0.00
*DPR Preparation, PM, TPIM, Social Audit Charges	0.00	0.00	0.00	0.00	0.00
Others	0.00	0.00	0.00	0.00	0.00
Total	1975.50	2784.14	242.33	329.25	5331.22


Future Provision for construction of Housing





The poor people, who are residing on the land of Railway, the housing will be constructed on the railway land by Halisahar Municipality if the Railway Dept. Govt. of India gives any permission.

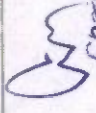
MAP



MAP

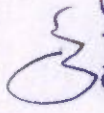
8	COBINDA SHIL	SAMIR SHIL	21/A	EWS	General	Male	758734014009	
9	MALINA DAS GUPTA	TAPAN DAS GUPTA	31/A	EWS	General	Female	433266494119	
10	DILIP BHANJA	SUDHANYA BHANJA	NEW	EWS	General	Male	768933299427	
11	KARTICK GHOSAL	J.T. BISWANATH GHOSAL	61/60/64	EWS	General	Male	983310619089	


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Halisahar Municipality

12	KASHI NATHI DAS	RAMESH DAS	75/74							EWS	General	Male	204114569310	
13	SHYAMAL BHANJA	L.T. KARTIK BHANJA	13/A							EWS	General	Male	782316651789	
14	SAMAR DEBNATH	L.T. SUSHIL CH. DEBNATH	5/6/76							EWS	General	Male	456358655457	
15	BHAGIRATHI SIL	L.T. BIJAY SIL	80/N							EWS	General	Male	316448611566	


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Haisanar Municipality

12	KASHI NATH DAS	RAMESH DAS	75/74							EWS	General	Male	204114569310	
13	SHYAMAL BHANJA	L.T. KARTIK BHANJA	13/A							EWS	General	Male	782316651789	
14	SAMAR DEBNATH	L.T. SUSHIL CH. DEBNATH	5/6/76							EWS	General	Male	456358655457	
15	BHAGIRATH SIL	L.T. BIJAY SIL	80/N							EWS	General	Male	316448611566	


Chairman
Halisahar Municipality




HALISAHAR MUNICIPALITY


PMAY (HEA- 2022)





FINANCIAL YEAR 2016-17

BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 06

BHANJO COLONY BUSTEE (SLUM CODE- 010)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID No. (A/C/N/C/RC/PAN)	Photo	
				SC	ST	OBC	Minority	PH	EWS				General
1	REKHA RAY	L.T. AMIO KR. RAY	9/8/NEW						EWS	General	Female	243150033441	
2	BIKASH HALDER	MUKUNDA HALDER	11/6/C						EWS	General	Male	990567981215	
3	UTTAM DAS	SATYA RANJAN DAS	5/6/1						EWS	General	Male	230826448026	






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Halisahar Municipality


4	PARITOSH DHAR	LT. SANTOSH DHAR 9/8/A	EWS	General	Male	345606388482	
5	SANKAR CH. BHADRA	RAMESH BHADRA 47/G	EWS	General	Male	244097341870	
6	SANDHYA DAS GUPTA	PRANAB DAS GUPTA 29/A	EWS	General	Female	452240182514	
7	ANUPAM GHOSH	DILIP KR. GHOSH 57/A	EWS	General	Male	498489831648	








Chairman

Haisahar Municipality

16	JAY GHOSH	NARATTAM GHOSH NEW								EWS	General	Male	XYV0290973	
17	RABINDRANATH PRAMANIK	SHAKTI PARA PRAMANIK	43/1							EWS	General	Male	750245780970	
18	MAMATA PRAMANIK	SUBAL PRAMANIK	34/4							EWS	General	Male	394754872829	
19	TIPU SARKAR	L.T. H. SARKAR	17/A							EWS	General	Female	606330965796	


Chairman
Halisahar Municipality

20	MIRITUNJAY MANDAL	LT. ISHAN MANDAL 95/E	SC					EWS		Male	788815714863	
21	KANISHKA DAS	DULAL CH. DAS 96/A						EWS	General	Male	991983387641	
22	ANGIRA ALO SAHA	AMAR CHANDRA SAHA 64 (51/B)						EWS	General	Female	369755084677	
23	GANESH NANDI	LT. GOPAL NANDI 29/21/24						EWS	General		841537383674	





Chairman
Halishar Municipality

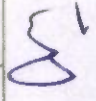
HALISAHAR MUNICIPALITY

PMAY (HFA- 2022)

FINANCIAL YEAR 2016-17

BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 15 NICHU PURBACHAL BUSTEE (SLUM CODE- 012)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category							Gender	UID No. (AC/RC/PAN)	Photo
				SC	ST	OBC	Minority	PH	EWS	General			
1	BABLA MALLICK	KRISHANA GOPAL MALLICK	7/23/341						EWS	General	Male	873410658398	
2	SWAPAN KR. MALLICK	L.T. KRISHNA GOPAL MALLICK	7/23/341						EWS	General	Male	327128513980	
3	TAPAN MALLICK	L.T. KRISHNA GOPAL MALLICK	7/23/341						EWS	General	Male	583983414447	






Chairman
Halisahar Municipality

HALISAHAR MUNICIPALITY

PMAY (HFA- 2022)





FINANCIAL YEAR 2016-17

BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 04
ARABINDA PALLY BUSTEE (SLUM CODE- 013)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID No. (ACVC/RC/PAN)	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	SAGARIKA NAG	GOUTAM NAG	NEW							EWS	General	Female	287065858078	
2	BITHIKA GHOSH	BABLU GHOSH	118/110/A							EWS	General	Female	730007794029	
3	RATAN KUMAR NANDI	LATE KALIPADA NANDI	25/25/43							EWS	General	Male	830378696008	







Chairman
HALISAHAR MUNICIPALITY

4	ANU SARKAR	DINESH SARKAR	2/D							EWS	General	Female	912386432893	
5	UTTAM RAHA	USHA KANTA RAHA	91/A							EWS	General	Male	795001133516	
6	BISWANATH MONDAL	MONORANJAN MONDAL	98/NEW							EWS	General	Male	437717781887	
7	MANGAL KARMAKAR	LATE ANIL KARMAKAR	41/B							EWS	General	Male	556503894629	





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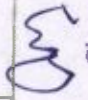
Chairman
HALISAHAR MUNICIPALITY

8	ASHOKE KUMAR BHANJA	ANIL KUMAR BHANJA	48/46/B	EWS	General	Male	251224313899	
9	PARIMAL BHADRA	LATE TAILAKAHA BHADRA	50/47/73	EWS	General	Male	215055978848	
10	PRATIBHA PAUL	PRADIP PAUL	73/A	EWS	General	Female	744104599154	
11	PRADIP BARDHAN	LATE JAGENDRA NATH BARDHAN	33/33/33	EWS	General	Male	552834857386	



Chairman
HALISAHAR MUNICIPALITY

12	SIRIRUPA BOSE	PANKAJ DUTTA	49/C								EWS	General	Female	284555318839	
13	SAHADEB DAS	ANANTA DAS	17/A								EWS	General	Male	718578959249	
14	SHAMBHU SHEEL	LATE NIKUNJA SHEEL	111/C								EWS	General	Male	489845225965	
15	INDRAJIT DAS	JATIN DAS	88/82/157								EWS	General	Male	272146530215	







Chairman
HALISAHAR MUNICIPALITY







16	SUBIR BANERJEE	LATE BISWANATH BANERJEE	75/13/B	EWS	General	Male	629333569855
17	SHYAMAL ROY	KANGALI CHARAN ROY	21/18/B	EWS	General	Male	688081800952
18	SWAPAN PATRA	LATE RANJIT PATRA	39/B	EWS	General	Male	577296148844
19	JHUMPA DAS	PRASANTA DAS	72/F	EWS	General	Female	639273422031


(Signature)





Chairman
HALISAHAR MUNICIPALITY

20	SHIKHA SAHA	TINKU SAHA	NEW							EWS	General	Female	232216133571	
21	SUSHANTA RANJAN DEY	SANTY RANJAN DEY	85/A/2							EWS	General	Male	558516653708	
22	NITYANANDA RAJBANSHI	LATE KALIPADA RAJBANSHI	105/N							EWS	General	Male	855759354418	
23	NISHA BHOWMICK	BABLU BHOWMICK	S-22/N							EWS	General	Female	883729519908	

Am

24	KANU DEY	KALIPADA DEY	SLUM-40/38/85						EWS	General	Male	DZW0104232	
25	DIPAK DAS	SURESH CHANDRA DAS	59/S2/77						EWS	General	Male	212236095533	
26	RAM KRISHNA MALLICK	UMESH CHANDRA MALLICK	15/14/51						EWS	General	Male	DZW 1302538	
27	SWAPAN SARKAR	LATE JATIN SARKAR	13/A						EWS	General	Male	DZW 12514861	


Chairman
HALISAHAR MUNICIPALITY

28	MANORANJAN SAMAJPATI	RAJESWAR SAMAJPATI	8/8/44								EWS	General	Male	901139084154	
29	KHOKON SARKAR	SIMANTA SARKAR	SLAM-10/A								EWS	General	Male	DZW 2427730	
30	SUBHASISH PAUL	JOYDEB NARAYAN PAUL	10/C								EWS	General	Male	DZW0104448	
31	SUDEB BHAWAL	GAURANGA BHAWAL	SLUM 29/27/30								EWS	General	Male	DZW 1302652	







Chairman
HALSAHAR MUNICIPALITY






32	NIPEN DAS	AMBIKA CHARAN DAS	5/5/71							EWS	General	Male	DZW 0115592
33	RAMCHANDRA HALDER	KHETRA MOHAN HALDER	13/12/80							EWS	General	Male	DZW0115196
34	KHENDI BASFORE	CHANDRIKA BASFORE	27/25/34							EWS	General	Female	DZW 1988609
35	NIMAI SARKAR	LATE JATIN NATH SARKAR	13/12/48							EWS	General	Male	DZW 1255058

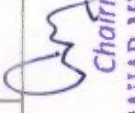
Chairman

HALISAHAR MUNICIPALITY





36	DALY SAMAJPATI	NAREN SAMAJPATI 8/B								EWS	General	Female	825260011451	
37	DIPTI RANI NANDI	LATE SITESWAR NANDI	19/19/84							EWS	General	Female	DZW1380419	
38	ANUKUL CHANDRA DAS	BIPIN CHANDRA DAS	16/16/82							EWS	General	Male	890738198568	
39	HIRALAL HALDER	SHASHIKANTA HALDER	SLUM-9/A							EWS	General	Male	DZW 1991009	

Dr

40	BIMAL MONDAL	HARAKRISHNA MONDAL	18/18/83						EWS	General	Male	333011356274	
41	BASUDEB CHAKRABORTY	JATINDRANATH CHAKRABORTY	71/NEW						EWS	General	Male	84066600731	
42	USHA RANI SARKAR	MAHENDRA SARKAR	35/48/56						EWS	General	Female	205278602574	
43	SIPRA SAMAJPATI	BIREN SAMAJPATI	63/58/N						EWS	General	Female	DZW0104620	







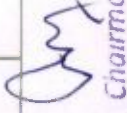
Chairman
HALISAHAR MUNICIPALITY

44	KUNTAL SAMAJPATI	ARUN KUMAR SAMAJPATI	9/8/A							EWS	General	Male	788841996043	
45	ANITA ROY	SANJAY ROY	74/NEW							EWS	General	Male	DZW 0104042	
46	PUSHPA SAMAJPATI	LATE KIRAN SAMAJPATI	SLUM- 28/26/33							EWS	General	Female	478562712761	
47	BALARAM DUTTA	KALIPADA DUTTA	82/B							EWS	General	Male	687469827572	





Chairman
HALISAHAR MUNICIPALITY

48	PALU RANI DAS	KANU CHANDRA DAS	44/42/40	EWS	General	Female	DZW 0104331	
49	BIKRAM ROY	UPENDRA CHANDRA ROY	72/N	EWS	General	Male	367640906435	
50	NARAYAN SARKAR	HAREKRISHNA SARKAR	SLUM- 20/18/52	EWS	General	Male	DZW0115691	
51	SISHULAL HALDER	SASHIKANTA HALDER	9/9/72	EWS	General	Male	833304320413	



Chairman
HALISAHAR MUNICIPALITY

52	JITENDRA NATH ROY	LATE KALI NATH ROY	12/11/47						EWS	General	Male	982805729085	
53	SIMANTA SARKAR	BHOLANATH SARKAR	5/10/10/69						EWS	General	Male	669058729803	
54	RAJESWAR MONDAL	SATISH MONDAL	4/4/70						EWS	General	Male	747296449989	
55	ADHIR SHIL	SURESH CHANDRA SHIL	3/3/89						EWS	General	Male	DZW 0115667	





Chairman
HALISAHAR MUNICIPALITY

HALISAHAR MUNICIPALITY

P MAY (HFA - 2022)





FINANCIAL YEAR 2016-17

BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 02
MITRA PARA RANI RASHMONI BUSTEE (SLUM CODE- 017)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID No. (AC/VC/RC/PAN)	Photo	
				SC	ST	OBC	Minority	PH	EWS				General
1	AMAL DAS	LT JAGABANDHU DAS	107/87/35	SC					EWS		Male	768742765197	
2	RABINDRA NATH DEY	LT NAGENDRA NATH DEY	86/34						EWS	General	Male	884095736483	
3	REKHA RAJAK	NARESH RAJAK	74/62/212	SC					EWS		Female	962045106100	







Chairman
Halisahar Municipality

4	BULU RAJAK	RAJENDRA PRASAD RAJAK	74/A	SC					EWS		Female	804098616466	
5	MAYARANI CHAKRABORTY	LT MANINDRA CHAKRABORTY	114/86/50						EWS	General	Female	425305861770	
6	TAPATI DAS	LT SHIBU DAS	97/B						EWS	General	Female	DZW0063313	
7	MANINDRA DAS	LT HARAMANIDAS	7/31/19	SC					EWS		Male	438041212133	





Or

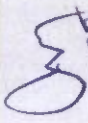
Chairman
Halisahar Municipality





8	KRISHNAGOPAL SARKAR	LT PRAMATHA NATHI SARKAR	7/B							EWS	General	Male	515393216741	
9	BISHWAJIT SARKAR	LT TARANI SARKAR	86/72/177							EWS	General	Male	930358203770	
10	ASTOM SARKAR	LT BISHNUPADA SARKAR	111/A					SC		EWS		Male	506162222988	
11	SABITA AMIN	YUBARAJ AMIN	118/A					SC		EWS		Female	581518585569	

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Chairman
Halisahar Municipality

12	RAJKUMAR MAHATO	LT HARIL MAHATO	1/42/196	SC						EWS		Male	706155246064	
13	BIJOY KRISHNA HALDER	KALI PADA HALDER	3/40/19							EWS	General	Male	318120086218	
14	NARAYAN SARKAR	TARANI SARKAR	86/A							EWS	General	Male	635165801490	
15	BECHARAM DAS	LT RASMOHAN DAS	36/A							EWS	General	Male	374826788250	


 Chairman
 Halisahar Municipality





16	BARADA KANTA DAS	LT CHAITANYA DAS	29/15/10	SC						EWS	Male	216796674544	
17	AMAL DAS	LT GOPAL DAS	28/16/11	SC						EWS	Male	836399812147	
18	DURGA PROSAD GHOSH	LT KHITESH GHOSH	33/A							EWS	Male	621469362861	
19	SADHAN DAS	LT RATAN DAS	9/35/20	SC						EWS	Male	317975884700	


Chairman
Halisahar Municipality







20	SNEHA BALA DAS	LT HARI BANDHU DAS	32/12/13	SC						EWS		Female	782593452420
21	SABITA THAKUR	LT MAHESH THAKUR	37/A							EWS	General	Female	748013776375
22	SANKARI BANIK	RAJAN BANIK	23/A	SC						EWS		Female	463058100792
23	TULSI DAS	LT RAMANI DAS	21/23/32	SC						EWS		Male	815074282897



Chairman
Halisahar Municipality





24	GOURANGA DAS	BECHARAM DAS	36/A/I	SC						EWS		Male	224268911247	
25	SANJIT DAS	SWAPAN DAS	36/B	SC						EWS		Male	240128552256	
26	RABIN KAR	LT SUSHIL KAR	24/A							EWS	General	Male	323433504869	
27	RATAN KAR	KALYANI KAR	24/207							EWS	General	Male	586860160092	

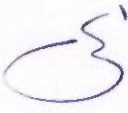
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Chairman
Halisahar Municipality

28	SANJIT DAS	LT MAHENDRA DAS	38/6/203							EWS	General	Male	485237388786	
29	BHANU DAS	LT BHOLA DAS	37/7/17	SC						EWS		Female	233525692288	
30	HARI NARAYAN DEY	LT HARAN CH DEY	32/30/13							EWS	General	Male	779647254697	
31	BIMALA RANI DEY	LT SANTOSH KR DEY	8/B							EWS	General	Female	740409465522	


Chairman
Halisahar Municipality





32	HARENDRA NATH DAS	LT MANORANJAN DAS	97/A							EWS	General	Male	645791605012	
33	SWAPAN BISWAS	LT MANIK LAL BISWAS	40/1/200							EWS	General	Male	882805396665	
34	PARUL BALA DAS	LT KHOKAN CHANDRA DAS	31/28/14							EWS	General	Female	864346733487	
35	LAB DAS	LT KALI KRISHNA DAS	47/N							EWS		Male	576030905499	

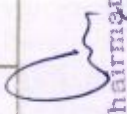

Chairman
Halisahar Municipality





36	BASANTI DAS	KANCHAN DAS	4/C	EWS	General	Female	WB/19/128-007083	
37	PUSHPA SARKAR	LT DINESH SARKAR	5/4/36	EWS	General	Male	363152682100	
38	SHIBANI DEY	LT BUDHA DEY	11/B	EWS	General	Male	913135438193	
39	DEB PRASAD GHOSH	LT KHAITISH CH GHOSH	33/11/14	EWS	General	Male	352865758141	



Chairman
Halisahar Municipality





40	BHARATI SHARMA	LT ARUN SHARMA	13/11/28								EWS	General	Female	439251822105	
41	TARNESWAR BEPARI	LT BISHWESHWAR BEPARI	85/A	SC							EWS		Male	CRZ3107117	
42	AMIT KUMAR PAUL	SIBU PAUL	4/A								EWS	General	Male	351186032914	
43	RAMCHANDRA DAS	SANTIRANJAN DAS	S 33/N								EWS	General	Male	864621418595	


 Chairman
 Halisahar Municipality

44	LAKSMIRANI DAS	LT KALACHAND DQAS	6/37/18	SC					EWS	Female	467435225772	
45	NIBARAN DAS	LT RAMHARI DAS	26/19/8	SC					EWS	Male	632872154057	
46	BISWESWAR DUTTA	LT KAMINI KR DUTTA	105/85/34						EWS	Male	911036908702	
47	KARTICK CH GHOSH	LT MANGAL GHOSH	42/A							General	256212476605	



Chairman
Halisahar Municipality

48	TARAK KAR	LT SUSHIL KAR	24/C							EWS	General	Male	737101800127	
49	PRIYA BALA DAS	LT ADHAR DAS	30/14/205	SC						EWS		Female	DZW0035923	
50	SENTU DAS	LT RANU DAS	55/A							EWS	General		DZW1970995	
51	REKHA CHAKRABORTY	LT RAMPADA CHAKRABORTY	9/61/751							EWS	General		DZW0019885	


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Hallsabar Municipality

52	APU DAS	BIJAY KRISHNA DAS	51/A	SC	EWS	964534097355	
53	RANABIR SARKAR	SHAMBHU SARKAR	85/C		EWS General	234464417092	
54	BASUDEB DAS	LT MAHENDRA CH DAS	73/A		EWS General	390718563664	
55	BABY GUPTA	RUHIDAS GUPTA	95/128/245		EWS General	616558004173	


Chairman
Halisahar Municipality



56	GOBINDA PAUL	RAKHAL PAL	135/A	EWS	General	237630047752
57	BISWAJIT PAUL	RAKHAL PAUL	135/A/1	EWS	General	407732580189
58	ASHALATA DAS	LT BIJOY KR DAS	176199162	EWS	General	262878389888




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Halisabar Municipality

HALISAHAR MUNICIPALITY

PMAY (HFA - 2022)





FINANCIAL YEAR 2016-17


BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 20 BALUR PARA BUSTEE (SLUM CODE- 022)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID No. (A/C/A/C/R/C/PAN)	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	BHAGHYA RANI PAUL	LT JOYDEB PAUL	39/31/33	SC						EWS		Female	972895766413	
2	MENAKA PRAMANICK	LT NETAI PRAMANICK	27/23/24	SC						EWS		Female	341305988463	
3	LAKSHMI PRAMANICK	LT TARAPADA PRAMANICK	27/23/24	SC						EWS		Female	975243772252	

(Signature)

Chairman
Halisahar Municipality





4	ARUP DAS	LT PANCHANAN DAS	48/42/34	SC					EWS	Male	274770643918	
5	SANJIT PRAMANICK	LT KSHETRA MOHAN PRAMANICK	NEW	SC					EWS	Male	302623721018	
6	NARESH DAS	LT PANCHANAN DAS	NEW	SC					EWS	Male	761881904539	
7	BANI DAS	SISIR DAS	NEW						EWS General	Female	945728099656	



Chairman
Halisahar Municipality



8	ALOK LATA SHAW	LT JAMUNG PRASAD SHAW	19/20/21								OBC		EWS		Male	563099912021
9	BISWAJIT DAS	LT KASTO DAS	39/31/28	SC									EWS		Male	220645045620
10	ASHOKE SHAW	PANNALAL SHAW	1/1/1										EWS General		Male	612180547295
11	CHHANDA GOPAL CHAKRABORTY	LT GANESH CH CHAKRABORTY	NEW										EWS General		Male	DZW1714260

Chairman
Halisahar Municipality

12	RAKESH KR SINGH	KAMESHWAR SINGH	155/NEW						EWS	General	Male	589542832914	
13	CHARU CHOWDHURY	KAPURI CHOWDHURY	34/2/2	SC					EWS		Male	946262736696	
14	GITA DEVI SHAW	LATE RAMNARAYAN SHAW	149/134				OBC		EWS		Female	657567451361	
15	RAM ASREY HAZAM	BABU RAM HAZAM	31/42/58						EWS	General	Male	875144847011	


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Halisahar Municipality




HALISAHAR MUNICIPALITY

PMAY (HFA - 2022)

FINANCIAL YEAR 2016-17

BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 17

WEST PRASAD NAGAR BUSTEE (SLUM CODE:- 028)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category							Gender	UID No. (AC/NC/RC/PAN)	Photo	
				SC	ST	OBC	Minority	PH	EWS	General				
1	TARAK CHAKRABORTY	NANI CHAKRABORTY	10/A							EWS	General	Male	428968555768	
2	RAJESH SARKAR	RAMESH CHANDRA SARKAR	34/A							EWS	General	Male	578843023664	
3	ANIMESH KUNDU	LATE PITABASH KUNDU	36/A							EWS	General	Male	357333304950	





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Halisahar Municipality







4	JOYDEB SIL	CHAITANYA SIL	16/B	EWS	General	Male	341767240988
5	SAMESH DATTA	LATE BISWANATH DATTA	5/5/N	EWS	General	Male	446287917025
6	MAYA CHAKRABORTY	ARUN CHAKROBORTY	10/10/5,	EWS	General	Female	515412969503
7	ANUKUL CHANDRA BAR	LATE KALICHARAN BAR	6/3/8,	EWS	General	Male	765636472168

Am

8	MAYA SARKAR	LATE TARAPADA SARKAR	58/55/B						EWS	General	Female	729690807383	
9	RAM SWARUP PASSI	JHINGURI PASSI	44/B						EWS	General	Male	645644994174	
10	SUSMITA BHATTACHARYYA	SOMNATH BHATTACHARYYA	NEW						EWS	General	Female	327721484723	
11	SHAMBHU ADHIKARI	LATE BHIM CH ADHIKARI	8/7/16						EWS	General	Male	457197918114	

Dr.

12	BISHU ADHIKARI	LATE BHIM CH ADHIKARI	8/A	EWS	General	Male	334185515306	
13	KARUNA YADAV	SHUJI YADAV	11/D	EWS	General	Female	778384376133	
14	SANAT KR ROY	LATE SANTI BHUSAN ROY	60/A	EWS	General	Male	980476636633	
15	MONINDRA CH ROY	LATE DHIREN CH ROY	4/1/D	EWS	General	Male	561598986998	

Am




Chairman
Halisahar Municipality



16	DEBI BACHAR	LATE MANILAL BACHAR	37/36/158	EWS	General	Female	726786440318
17	SIKHA BANERJEE	SAILENDRA NATH DAS	61/58/46/B	EWS	General	Female	883205368195
18	BHOLA NATH DAS	LATE HARI PADA DAS	20/18/11	EWS	General	Male	930160235576
19	RANAJIT BISWAS	RATAN BISWAS	22/C/1	EWS			672038653157

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Chairman
Halisahar Municipality

20	PARBATTISAIHA	BADAL SAHA	7/6/101							EWS	General	495925796983	
21	CHAITANAYA SHIL	LATE JADUNATH SHIL	16/16/22							EWS	General	959749679768	
22	HARADHAN DAS	NAGEN DAS	15/14/14							EWS	General	486732107187	

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Chairman
Halisahar Municipality


HALISAHAR MUNICIPALITY





PMAY (HFA- 2022)


FINANCIAL YEAR 2016-17





BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 05 RAMPRASAD NAGAR BUSTEE (SLUM CODE- 029)

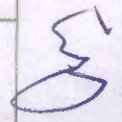
Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category					Gender	UID No. (AAY/C/RG/PAN)	Photo		
				SC	ST	OBC	Minority	PH				EWS	General
1	AVIJIT ROY	LT. SUBHASH CH. ROY	NEW						EWS	General	Male	75985746955	
2	KARTIK MONDAL	LT. ATUL MONDAL	NEW	SC					EWS		Male	615282514745	
3	SARAJIT ROY	LT. KANAN ROY	NEW	SC					EWS		Male	572281205572	


Chairman
Halisahar Municipality





4	NEMAI MONDAL	L.T. ATUL MONDAL	NEW	SC					EWS	Male	983752496381	
5	SWAPAN ROY	L.T. PARESH ROY	42/40/28						EWS	General	DZW0121020	
6	GOPAL DAS	MAHADEB DAS	14/A	SC					EWS	Male	222807942573	
7	NARAYAN DAS	L.T. NANIGOPAL DAS	32/B	SC					EWS	Male	822535506428	


Chairman
Halisahar Municipality





8	BACHCHU DAS	LT. SHYAMLAL DAS 35/A	SC						EWS	Male	52409898576	
9	SUKUMAR DAS	SUBAL DAS 63/83/78	SC						EWS	Male	570739877876	
10	GITA SARKAR	LT. SUNIL SARKAR 68/A	SC						EWS	Female	519219532868	
11	NANDA CH. DAS	LT. SATYA DAS 51/66/62	SC						EWS	Male	513639521697	






Chairman
Halisahar Municipality


12	CHANCHAL DAS	I.T. SATYA DAS	50/A	SC				EWS	Male	638394652161	
13	SUBAL CH. DAS	I.T. ANIL CH. DAS	110/N					EWS	General	607595188633	
14	HARI DAS	I.T. LAKSMAN DAS	68/6	SC				EWS	Male	820981347224	
15	KAMALA DEBNATH	I.T. KARTICK DEBNATH	7/9/11					EWS	General	866374303157	






Chairman
Hatisahar Municipality

16	SHYAMALI MALLICK	L.T. KISHORIMOHAN MALLICK	18/96/230	EWS	General	Female	WB/19/128/060 423	
17	BISHWAMBHAR NATH	L.T. MADANMOHAN NATH	15/5/5	EWS	General	Male	DZW0122325	
18	MANIK BARUI	SUNIL BARUI	68/62/A	EWS	General	Male	448002714429	
19	SANTOSH K.R. DEB	L.T. JOTINDRA DEB	90/A	EWS	General	Male	882393738470	


Chairman
Halisahar Municipality

20	TAPAN ROY	SRIKUMAR ROY	73/C	SC						EWS		Male	642703491340	
21	PALASH MALLICK	LT DHIRAJ MALLICK	12/3/3							EWS	General	Male	870804502526	
22	SAGAR DAS	LT. SATYA DAS	50/67/63	SC						EWS		Male	417834606802	
23	SABYASACHI SINHA	LT AMAL CH DAS	57/B/1							EWS	General	Male	66624003683	


Chairman
Holisohar Municipality



24	NILMADHAB NATH	JAGADISH CH SINHA	NEW								EWS	General	Male	DZW 0122432	
25	SOUMEN KR DUTTA	LT RAMENDRA NARAYAN DUTTA	32/24/107								EWS	General	Male	927014952262	
26	SUBHASHINI DAS	LT HARIPADA DAS	10/15/12 DURGA PARA ROAD								EWS	General	Male	274329328949	
27	ARATI BISWAS	SAMIR BISWAS	21/10/10								EWS	General	Female	603164591128	

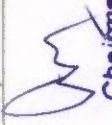

Chairman
Halisahar Municipality

28	PRODYUT CHAKROBORTY	PRADIP KUMAR CHAKROBORTY	56/A								EWS	General	Male	IDZW 1251115	
29	PROSENJIT RAHA	LT JUJUNTA RAHA	7/50/54								EWS	General	Male	735555373168	
30	TOTAN ROY	SAMBHU ROY	202/A								EWS	General	Male	984475493223	
31	SANJIB BAIN	LT SATISH BAIN	5/B								EWS	General	Male	481565353047	



Chairman
Halisahar Municipality





32	GOBINDA CHANDRA SARKAR	LT GANESH CH SARKAR	44/B							EWS	General	Male	DZW 0133397	
33	PRADIP SARMA	KHAGEN SARMA								EWS	General	Male	854874909173	
34	JOYDEV DAS	KRISHNA DAS	17/D							EWS	General	Male	DZW 1303098	
35	TARAKNATH ROY	NISHAPATI ROY	97/91/98							EWS	General	Male	364065586967	


Chairman
Halisohar Municipality



36	TARAK DAS	LATE RAMESH DAS	53/69/76	EWS	General	Male	739283815614
37	GOPAL ADHIKARI	LATE BINOD ADHIKARI	45/58/56	EWS	General	Male	766564415602
38	TARAK CHANDRA SHIL	LATE KALIPADA SHIL	9/N	EWS	General	Male	497124138557
39	SAMIR CHAKRABORTY	LATE SHYAMPRASAD CHAKRABORTY	88/2	EWS	General	Male	DZW0117176


 Chairman
 Haisahar Municipality

40	NITAI ADHIKARI	LATE GOPAL ADHIKARI	83/7/83								EWS	General	Male	WB/19/128/057 023	
41	NILOTPAL ROY	LATE NARAYAN CHANDRA ROY	7/6/6								EWS	General	Male	344650548271	
42	TARAK CHANDRA DAS	LATE JATIN CHANDRA DAS	53/721/237								EWS	General	Male	739283815614	
43	SAMIR DEBNATH	LATE BISHNUPADA DEBNATH	49/A								EWS	General	Male	DZW2002825	


Chairman
Haisanar Municipality



88914721977

Male

General

FWS

46A

LATE NANIGOPAL
SARKAR

JAGANNATH
SARKAR

44





Chairman
Haisahar Municipality

HALISAHAR MUNICIPALITY

PMAY (HFA- 2022)





FINANCIAL YEAR 2016-17

BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 18 M C MITTRA ROAD SIDE BUSTEE (SLUM CODE- 030)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID No. (A/C/V/C/R/C/PAN)	Image	
				SC	ST	OBC	Minority	PII	EWS				General
1	ASGHAR ALI	LATE ABDUL RAZZAQU	47/63/N			OBC			EWS		Male	885781080963	
2	HAIDAR ALI	KATE AB RAZZAQU	47/63/N			OBC			EWS		Male	764873373942	
3	SAIRA BANO	LATE ABDUL RAZZAQU	63/47/N/F			OBC			EWS		Female	881152409603	





(Signature)

Chairman
Halisahar Municipality

8	MD LATIF	LATE. MD. MAJID	23/20/30/B							EWS	General	Male	DZW 2697688	
9	AMINA KHATOON	SK. ABBAS	79/54/42							EWS	General	Female	594184456780	
10	ABDUL JABBAR	NABI MIA	123/NEW						OBC	EWS		Male	266062443083	
11	SK. AFSAR ALI	SK. MOFID	10/12/11						OBC	EWS		Male	846715734094	





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Chairman
Halisahar Municipality

12	SK. AZHAR ALI	LATE SK. MOFID	NEW				OBC		EWS		Male	NWB/19/128/180593	
13	ABDUL SAFFAR	LATE DIL. MD.	6/4/4B						EWS	General	Male	596933677409	
14	MD. MUBARAK ANSARI	LATE ABDUL LATIF	9/9/12/A				OBC		EWS		Male	209707219044	
15	YASMIN AKTER	MD. SHARFUDDIN	108/11/B				OBC		EWS		Female	582671810131	

Am

Chairman
Halisahar Municipality

24	NARAYAN SINGH	GULSHI SINGH	110/N							EWS	General	Male	268214988300	
25	MD SIDDIK	MD HAKIB	72/N							EWS	General	Male	ID/W/0307223	
26	SHAMSUDDIN AHAMMAD	MD MUSLIN	3/2/2						OBC	EWS		Male	581371680704	
27	ABDUL GAFFAR	DIL MOHAMMAD	6/4/A						OBC	EWS		Male	588892409626	

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Chairman
Halisahar Municipality



28	MD RAYISHI	MD ANISHI	21RN						EWS	General	Male	DZN 2475150
29	ZAKIR ALI	ABDUL QADIR QURAIISHI	NEW						EWS	General	Male	227450247770
30	SK. KAMAL HUSSAIN	SK. ALAM	31/5/12 A				OBC		EWS		Male	829140318744
31	SK. NIRAJUL HAQUE	LATE SAUHIAR ALI	29/1/27				OBC		EWS		Male	337582149042





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Chairman
Halisahar Municipality

32	NAZIR HUSSAIN	LATE NIZAMUDDIN	51/A						OBC	EWS	Male	NAV0576371	
33	SK. ANOWAR	LATE SK. HABUL	33/136/206						OBC	EWS	Male	554959215449	
34	SABIR ALI	LATE ABDUL KARIM	42/A						OBC	EWS	Male	684819529629	
35	SK RAJAB ALI	LATE SK. HARAN	37/2/53						OBC	EWS	Male	460981285520	



Ant

Chairmen
Halisahar Municipality

36	BIJAGAWAN SHAW	LATE RAM CHARIT SHAW	46/A						EWS	General	Male	549969628942	
37	NEPALI PASWAN	RAM DULAR	23/N						EWS	General	Male	281518369071	
38	MD. IDRISH	IDL MOHAMMAD	131/60/A					OBC	EWS		Male	344442661405	
39	JAMILA BEGAM	MD. SASTAR	6/4/C						EWS	General	Female	350812570895	





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Chairman
Halisahar Municipality

40	NAJMUN BIBI	NURUL HODA	25/60/160							EWS	General	Female	448267455724	
41	JUMIRATI MIA	BHUKI MIA	120/NEW					OBC		EWS		Male	02561	
42	RUKHSANA KHATOON	ABDUL KADIR	NEW							EWS	General	Female	922608318954	
43	MD. HASAN ANSARI	LATE MD. ISRAIL	42/B					OBC		EWS		Male	955723014266	



Chairman
Halisahar Municipality

52	DILAWAR ALI	LATE JULFIKAR ALI	121/64/17/11	OBC	EWS	Male	712640496534	
53	SAYARA BIBI	LATE MD. JAMAL UDDIN	124/NEW	OBC	EWS	Female	550039404042	
54	TAHIR HUSSAIN	LATE KHAIRATI HUSSAIN	46/D	OBC	EWS	Male	884134817730	
55	SALMA KHATOON	LATE RAHIMUDDIN	46/1	OBC	EWS	Female	940892870714	

(Signature)





Chairman
Halisahar Municipality



56	MARIY AM BIBI	LATE HAKIK MD.	92/81/19	OBC				EWS		Female	885048349678
57	NAZIR AHMAD	LATE MD. ISMAIL ANSARI	78/64/N	OBC				EWS		Male	856299444176
58	AKIL AHMAD	LATE MD. KHALIL	65/21/152	OBC				EWS		Male	930641448129
59	SABRA BIBI	LATE MD. ISLAM	7/9/148	OBC				EWS		Female	690786401632





Am

Chairman
Halisahar Municipality

64	AKBAR ALI	LATE AHMAD HUSSAIN	53/31/158	OBC					EWS	Male	552228623256	
65	ASGHAR ALI ANSARI	LATE AHMAD HUSSAIN ANSARI	53/31/158	OBC					EWS	Male	636386131777	
66	JALALUDDIN	LATE MD. NIJAMUDDIN	59/57/157	OBC					EWS	Male	403315112476	
67	MD. MUSLIM ANSARI	LATE AHAMED HUSSAIN	53/31/158	OBC					EWS	Male	398977580007	



Chairman
Halisahar Municipality


68	SHAKIL AHMED	MD. RASUL	12/47/186-A	OBC	EWS	Male	395574172028	
69	MD. HANIF	LATE MD. MOSAFIR	9/6/254	OBC	EWS	Male	619847788976	
70	SADIQUE HUSSAIN	LATE ABDUL JAMAD	3/4/151	OBC	EWS	Male	818721893848	
71	AKHTARI BANO	MD. SHAMIM	10/A	OBC	EWS	Female	754208760858	

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Chairman
Halisabar Municipality



72	M.D. ABBAS SHAH	LATE ROJADIN SHAH JOB			OBC				EWS		Male	570695715128
73	M.D. HAZRAT ALI	FAKIR MOHAMMAD	46/N/1		OBC				EWS		Male	212476294096
74	RAHMAT ALI	LATE JAYNUDDIN	88/A		OBC				EWS		Male	454824617545
75	AKHTAR HUSSAIN ANSARI	LATE FARMAN ALI	84/116/183		OBC				EWS		Male	473827519633


 Chairperson
 Halisahar Municipality




76	MD. ALI	LATE JULFIKAR ALI	12/01/07	OBC	EWS	Male	221673115148	
77	MD. ALI	SK. JAMALUDDIN	77/65/CA	OBC	EWS	Male	260322514460	
78	MD. SALAUDDIN	SK. JAMALUDDIN	77/65/C/B		EWS	General Male	459241412032	
79	MD. SIRAJUDDIN	MD. ISMAIL	69/34/33/A	OBC	EWS	Male	823035614599	

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Chairman
Halisahar Municipality



80	MD. ISMAIL	LATE. DIL. MD.	09/24/33	OBC	EWS	Male	802020904234
81	MD. FARUQUE	LATE. MD. ISMAIL	117/N	OBC	EWS	Male	504702727542
82	KAUSHAR ALI	MD. FARUQUE	117/N/A	OBC	EWS	Male	661802331906
83	NAZIR HUSSAIN	LATE NOOR MD.	14/46/14/D	OBC	EWS	Male	809599071340


 Chairman
 Halisaher Municipality



225907308387

866895421499

646535885201

899263345585

Male

Male

Male

Male

EWS

EWS

EWS

EWS

OBC

OBC

OBC

OBC

0003

8/A

75/56/N

76/58/NEW

LATE SAFIULLAH
MHA

LATE KOHAR ALI
SK

LATE NANKU MD

NIZAMUDDIN




84 SABIR ALI

85 SK AFJAL

86 MD KAMALUDDIN

87 ULFAT ALI

Chairman
Halisahar Municipality

89	FIROJ AHAMED	LATE ISHA MD	89/101/251	OBC	EWS	Male	928783020329	
90	MD ISRAIL	LATE ROZADIN	71/37/265	OBC	EWS	Male	365419557302	
91	IBRAR AHMAD ANSARI	MD ISLAM	89/B	OBC	EWS	Male	XYV0364232	

Female 23458525724

EWS

OBC

90/101/A

AKHTAR

89

Signature




Chairman
Halisahar Municipality

HALISAHAR MUNICIPALITY

PMAY (HFA- 2022)





FINANCIAL YEAR 2016-17

BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 10 ADARSHA PALLY BUSTEE (SLUM CODE- 031)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID No. (A/C/V/C/R/C/PAN)	Photo		
				SC	ST	OBC	Minority	PH	EWS				General	
1	SANATAN SINGHA ROY	PRAN KRISHNA SINGHA ROY	46/A							EWS	General	Male	627918318800	
2	ADHIR KR NANDI	LT BROJENDRA NANDI	NEW							EWS	General	Male	221699070958	
3	KESHAB CHANDRA SHEE	LT KALI CHARAN SHEE	43/A							EWS	General	Male	659098710789	







Chairman
Halisahar Municipality

4	BISWANATH SAHA	LT NIBARAN CH SAHA	75/30/59						EWS	General	Male	265881708911	
5	TAPAN KR MONDAL	LT ANATH KR MONDAL	11/10/9	SC					EWS		Male	684356051270	
6	BAISAKHI DUTTA	LT SONTOSH KR DUTTA	42/65/A						EWS	General	Female	DZW 0252486	
7	PARITOSH MONDAL	LT KALIPADA MONDAL	97/A	SC					EWS		Male	965106126508	





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Chairman
Halisahar Municipality

8	PRADIP MONDAL	TARAPADA MONDAL	99/96/92	SC					EWS	Male	WB/19/128/123 435	
9	KANAN RAJBANSHI	PRADIP RAJBANSHI	32/52/236	SC					EWS	Female	636982433745	
10	KISHOR SAHA	LT MODAN MOHAN SAHA	13/NEW						EWS	Male	948537839372	
11	SANDHYA RANI SARKAR	KRISHNA CHANDRA SARKAR	37/A						EWS	Female	740597459372	







Chairman
Halisahar Municipality

12	PARTHA CHAKRABORTY	LT DIJENDRA NATH CHAKRABORTY	79/34/64						EWS	General	Male	526420023066	
13	NIL RATAN PAL	LT HARALAL PAL	86/41/72						EWS	General	Male	233087587131	
14	SHIBEN SHARMA	KHAGENDRO SHARMA	14/13/23				OBC		EWS		Male	573147043559	
15	GOURANGA SAHA	GUPINATH SAHA	35/A						EWS	General	Male	504800699837	

Om

Chairman
Halisahar Municipality

16	SHIBU PRAMANIK	LT DULAL PRAMANIK	3/2/19							EWS	General	Male	553205048572	
17	GUPINATH SAHA	LT RADHA GOBINDA SAHA	35/A							EWS	General	Male	673693188742	
18	PRADIP PAL	LT HARALAL PAL	86/41/72							EWS	General	Male	733753490442	
19	DAYAL DAS	LT BALAI DAS	10/9/10							EWS	General	Male	318338342269	

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Chairman
Halisahar Municipality



20	NARAYAN CH PRAMANICK	LT NEMAI CH PRAMANICK	14/29/57						EWS	General	Male	695303130562
21	SWAPAN KR BISWAS	ANIL BISWAS	94/83/24						EWS	General	Male	787850809973
22	KRISHNA PADA ROY	LT KALIPADA ROY	NEW						EWS		Male	468366592108
23	TARAK DEBNATH	LT JAGABANDHU DEBNATH	40/59/205						EWS	General	Male	909520207386





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Chairman
Halisahar Municipality

24	PRAMILA BISWAS	LT BIJAY BISWAS	59/75/100	SC	EWS	Female	787606594059	
25	KESTO GOPAL BASAK	ANIL BASAK	71/B		EWS	Male	330173515007	
26	ARUN KR MITRA	LT NIRMAL KR MITRA	92/NEW		EWS	Male	211662065245	
27	ARUN BARMAN	JUGAL BARMAN	NEW		EWS	Male	674874772228	







Chairman
Halisahar Municipality

28	MAHADEB MONDAL	LT DAYAL CH MONDAL	21/20/106	SC					EWS		Male	345601395852	
29	ALOK RAJBANSHI	LT BISWANATH RAJBANSHI	19/18/31						EWS	General	Male	352400004486	
30	NAMITA KAR	LT NITAI CH KAR	44/A						EWS	General	Female	724180121267	
31	SOURAV PAL	SWAPAN KR PAL	18/A						EWS	General	Male	543114732387	



Chairman
Halisahar Municipality

44	PRATIMA BASAK	LT KANAILAL BASAK	78/33/63	EWS	General	Female	645427235057	
45	SWAPAN NANDI	LT FANIBHUSAN NANDI	46/46/57	EWS	General	Male	374356954196	
46	TUSHAR SHARMA	TARAK SHARMA	35/5	EWS	General	Male	XYVV0748327	
47	BABLU DEY	NANI GOPAL DEY	37/35/27	EWS	General	Male	DZW0238469	





Chairman
HALISAHAR MUNICIPALITY

HALISAHAR MUNICIPALITY

PMAY (HFA-2022)





FINANCIAL YEAR 2016-17

BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 03 ACHARJEE PARA BUSTEE (SLUM CODE- 032)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID No. (A/C/V/C/R/C/PAN)	Photo	
				SC	ST	OBC	Minority	PH	EWS				General
1	SATYAJIT DAS	LATE SANKAR DAS	S-152/B						EWS	General	Male	692968934607	
2	RAJ NARAYAN SAHA	SUBAL SAHA	110/A						EWS	General	Male	362848127173	
3	APANA DUTTA	SHAMBHU DATTA	110/113/111						EWS	General	Female	595881862493	





(Signature)

Chairman
Halisahar Municipality

4	SUNIL SARKAR	MONARANJAN SARKAR	136/A	EWS	General	Male	357959287400	
5	CHANDRA SEKHAR RAHA	SATISH CHANDRA RAHA	125/128/126	EWS	General	Male	811178651555	
6	MANOHAR SHIL	JADUNATH SHIL	S 2/2/2	EWS	General	Male	925068926208	
7	RANU DAS	NEMAI DAS	36/32/31	EWS	General	Female	437957098231	







Chairman
Halisahar Municipality





8	MONMOHAN DAS	DINABANDHU DAS	137/140/137	SC						EWS	Male	206539754556	
9	HARIPADA DAS	BHAGABAN DAS	138/142/139	SC						EWS	Male	834628942732	
10	KESTO HARIDAS	LATE DINABANDHU DAS	131/B	SC						EWS	Male	479481051721	
11	JYOTSNA DAS	LATE KALACHAND DAS	135/138/135	SC						EWS	Female	598151006899	

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Chairman
Halisahar Municipality





12	SANDHYA SINGH	BISHWANATH ADHIKARY	128/A							EWS	General	Female	808065794441	
13	MANADA JALA DAS	ABANYA KUMAR DAS	S 132/135/132	SC						EWS		Female	424360410024	
14	PRATIMA DAS	NANIGOPAL DAS	S 138/A							EWS	General	Female	878510637136	
15	SABITRI ADHIKARY	ADHIR ADHIKARY	116/119/118							EWS	General	Female	1DZW1259191	

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16	SANTIRANJAN DAS	KALACHAD DAS	99/103/101						EWS	General	Male	385283370264	
17	PRATIMA DAS	PARITOSH DAS	346/N						EWS	General	Female	915146555621	
18	PRAVAS BISWAS	MAHANANDA BISWAS	91/B				SC		EWS		Male	813755407134	
19	NIRMAL MALANGI	BIJU MALANGI	S 24/B				SC		EWS		Male	314195611727	





Ant

Chairman
Halisahar Municipality

20	CHITTA BISWAS	KALI PADA BISWAS	90/93/91							EWS	General	Male	275604419552	
21	PRAN GOPAL DAS	BHAGABAN CHANDRA DAS	138/B							EWS	General	Male	811640839460	
22	KALICCHARAN MONDAL	SHIBNATH MONDAL	S 339/NEW	SC						EWS		Male	660643761078	
23	BASUDEV MALLICK	FANI BHUSAN MALLICK	287/A	SC						EWS		Male	710757583106	



Chairman
Halisabar Municipality

24	MADAN SARKAR	MONARANJAN SARKAR	136/139/136	SC						EWS		Male	913511896707	
25	LAKSHMAN SIKDER	ASWINI SIKDER	87/90/88	SC						EWS		Male	941024031638	
26	SANJAY SARKAR	LATE BADAL SARKAR	9/9/A							EWS	General	Male	933777431906	
27	PIKUL ROY	SITANATH MISTRI	46/47/46							EWS	General	Female	585716581742	

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Chairman
Halisahar Municipality



571612725617

Female

EWS

SC

H/N/87/A

SUBODH BISWAS

32 SOMA BAILA

274936168067

Male

EWS General

357/NEW

RAJENDRA NATH
SIKDER

33 KALIPADA SIKDER

378697872314

Male

EWS

SC

76/C

KALIPADA DALAL

34 GOUTAM DALAL

221155010325

Male

EWS





SC

358/N

NANIGOPAL
BISWAS



35 SAILEN BISWAS

Chairman
Halisahar Municipality

36	PARIMAL TAHASILDER	MONARANJAN TAHASILDER	343/N						EWS General	Male	926397737835	
37	NAREN SIL	JADUNATH SIL	S 52/C						EWS General	Male	868967066011	
38	KAMALESH DALAL	JAYDEB DALAL	S-76/B	SC					EWS	Male	DZW1987759	
39	ASHALATA BISWAS	ADHIR BISWAS	91/88/98/89						EWS General	Female	699062926551	





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Chairman
Halisahar Municipality

40	LAXMI KANTA PRAMANICK	GANESH PRAMANICK	84/C	SC					EWS	Male	523036547401	
41	BHARATI DAS	KASHI MONDAL	119/122/120	SC					EWS	Female	594968420054	
42	MANIK HAZRA	NIRANJAN HAZRA	352/N	SC					EWS	Male	988943726522	
43	MINA SARKAR	MADHU SARKAR	344/N						EWS General	Female	854602355655	





MS

Chairman
Halisahar Municipality





44	DILIP BARAL	LATE DWIJEN BARAL	S-28/28/27	SC	EWS	Male	XYV0848622	
45	KAJAL BISWAS	GANESH MONDAL	S 15/15/15		EWS	General	997399947677	
46	BASANTI BISWAS	SANATON MONDAL	S 82/84/82	SC	EWS	Female	274383232668	
47	KALYANI ROY	BABUNAM MONDAL	60/60/58	SC	EWS	Female	740634947049	

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Chairman
Halisabar Municipality

48	KUMUD CH HALDER	KESHAB CH HALDER	7/7/75						EWS	General	Male	276503355017	
49	JIBAN BARMAN	MAHARAJ BARMAN	355/NEW	SC					FWS		Male	596704220992	
50	BISWAJIT MALANGI	BIJU MALANGI	24/A						FWS	General	Male	561797628063	
51	SUNDAR MAHATO	PANCHU MAHATO	S 347/NEW						EWS	General	Male	303032494329	





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52	ARUN BISWAS	NANI GOPAL BISWAS	360/NEW	SC					EWS	Male	378942548388	
53	ASHIM BISWAS	BIJAY BISWAS	S 39/34/33	SC					EWS	Male	733112374458	
54	PROSENJIT CHOWDHURY	RABINDRA NATH CHOWDHURY	311/A	SC					EWS	Male	642558916029	
55	SENTU PAUL	KAMAKSHYA PAUL	120/123/121						EWS	General	744636984612	





CS

56	KARTIK PAUL	LATE UPENDRA NATH-PAUL	NEW						EWS	General	Male	821619440976	
57	BABLU SAHA	RADHA BALLABH SAHA	123/A/1						EWS	General	Male	769908022094	
58	SAMARESH BISWAS	SANTOSH BISWAS	353/NEW						EWS		Male	497780302288	
59	MAYA BANERJEE	ABHAY BANERJEE	S-13/14/14						EWS	General	Female	970065067688	





CS

60	BHASKAR MONDAL	BHABARANJAN MONDAL	74/17/17	SC						EWS		Male	290782093735	
61	JAMUNA SIKDAR	JUGAL SIKDAR	50/51/50							EWS	General	Female	552905624161	
62	TARAK DAS	SACHI RAM DAS	S 129/B							EWS	General	Male	524100420509	
63	ARUN DAS	LATE MARAN DAS	NEW							EWS	General	Male	372847479486	




CS

64	BASANTI PANDIT	LATE NARAYAN CHI PANDIT	41/49/44	SC					EWS		Female	DZW0088187	
65	RUPALI DAS	MRITYUNJOY DAS	NEW						EWS	General	Female	827645623200	
66	MRITUNJOY DAS	BIJAY DAS	39/45/40						EWS	General	Male	930394051011	
67	SUBIR PAUL	SRIDAM PAUL	52/C						EWS	General	Male	DZW0092569	


CS

68	BISWANATH DAS	LATE NIRANJAN DAS	S 98/N						EWS	General	Male	695848238759	
69	AMAL KIRTANIA	LATE SATISH CHANDRA KIRTANIA	291/292/281	SC					EWS		Male	429640837416	
70	ASHA RANI NAYAK	LATE RENU PADA NAYAK	293/294/282						EWS	General	Female	328370677669	
71	MADHU SUDHAN DAS	LATE NARAYAN CH DAS	38/A						EWS	General	Male	883243758428	 Part of Member MITSAHAR MUNICIPAL

As

72	BABLU BISWAS	LATE MURALI MOHAN BISWAS	235/225/214	SC					EWS		Male	DZW0081505	
73	DEBAL PAUL	SUDHANSHU PAUL	46/A						EWS	General	Male	757179062703	
74	PRABIR SAHA	LATE AMULYA SAHA	66/NEW						EWS	General	Male	591549204326	
75	SUSANTA DAS	LATE BIMAL KRISHNA DAS	NEW						EWS	General	Male	426679380086	

CS

76	SUBRATA DAS	LATE BIMAL KRISHNA DAS	NEW						EWS	General	Male	742763950427	
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HALISAHAR MUNICIPALITY

PMAY (HFA- 2022)

FINANCIAL YEAR 2016-17

BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 21 SAHA PARA BUSTEE (SLUM CODE- 040)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID No. (AC/V/C/RC/PAN)	Photo	
				SC	ST	OBC	Minority	PHI	EWS				General
1	MD. SERAJ ANSARI	LT. MD. HABIB	2/2/2			OBC			EWS		Male	859146410883	
2	MOHAMMAD ISLAM	LT MOHAMMAD HIYUS	6/2/D			OBC			EWS		Male	410865403138	
3	MD. JAHANGIR ALAM	LT AHMMAD MIYA	13/11/19			OBC			EWS		Male	583696529471	


Chairman
Halisahar Municipality




HALISAHAR MUNICIPALITY

PMAY (HFA- 2022)

FINANCIAL YEAR 2016-17




BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 22

BANAK PARA BUSTEE (SLUM CODE- 041)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID No. (A/C/V/C/R/C/PAN)	Photo	
				SC	ST	OBC	Minority	PH	EWS				General
1	SUKDEV PROSAD BHAGAT	LT RAJESHWAR BHAGAT	16/15/13			OBC			EWS		Male	543633281734	
2	SANKAR BHAGAT	RAJESWAR BHAGAT	16/15/13						EWS		Male	701283109725	
3	AZAD ALI	LT EJAJAT ALI	13/A			OBC			EWS		Male	629146836787	

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Chairman
Halisahar Municipality

4	ARUP DAS	LT PANCHANAN DAS	48/42/34	SC					EWS		Male	274770643918	
5	SANJIT PRAMANICK	LT KSHETRA MOHAN PRAMANICK	NEW	SC					EWS		Male	302623721018	
6	NARESH DAS	LT PANCHANAN DAS	NEW	SC					EWS		Male	761881904539	I
7	BANI DAS	SISIR DAS	NEW						EWS	General	Female	945728099656	





Am

Chairman
Halisahar Municipality







12	KAHLFUN BIBI	LT WALI MOHAMAD	6/6/47 L							OBC							EWS			Female	879487168419
13	DASARATH CHOWDHURY	LT NARAYAN CHOWDHURY	88/E							SC							EWS			Male	752979241853
14	SHIVJIT YADAV	SHRIKRISHNA YADAV	7/2/20														EWS General			Male	849728457804
15	SHIWPRASAD JAYSWAL	LATE JAMUNA PRASAD JAYSWAL	6/6/19														EWS General			Male	719724987433

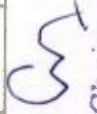
Chairman
Halisahar Municipality


16	YOGENDRA KR GUPTA	GOURI SHANKAR GUPTA	7/7/20	EWS	General	Male	818744245939	
17	KAMESHAWER SING	LATE BARMESHAWER SINGH	3/3	EWS	General	Male	764209247715	
18	SHREE KRISHNA KALOWER S OTHERS	LT. JAMUNA KALOER	45/49/2	EWS	General	Male	DZW0369751	
19	BRIJESH KR MISHRA	LT DURGA PRASAD MISHRA	250/46/2	EWS	General	Male	946185580605	

Am

Chairman
Halisahar Municipality

20	LAXMI NARAYAN SHAW	LT BHAGWAN SHAW	14/13/16								EWS	General	Male	746110450988	
21	RAKESH KUMAR MISHRA	DURGA PROSAD MISHRA	250/46/2								EWS	General	Male	452519889110	
22	JAYANT KUMAR CHOURASIA	BHAGIRATHI PRASAD	7/A								EWS	General	Male	379899118596	
23	NABI HUSSAIN	LT RAMJAN MIYA	88/1						OBC		EWS		Male	646418138687	


Chairman
Halisahar Municipality

24	ANEES AHMED	AHMAD JAAN	99/68/K (C)	OBC			EWS		Male	479199981815	
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Chairman
Halisahar Municipality

HALISAHAR MUNICIPALITY

PMAY (HFA- 2022)





FINANCIAL YEAR 2016-17

BENEFICIARY LIST OF HALISAHAR MUNICIPALITY OF WARD NO:- 07 BAGDI PARA BUSTEE (SLUM CODE- 045)

Sl. No.	Name of Beneficiary	Father's Name / Husband's Name	Holding No.	Category						Gender	UID No. (AC/VC/RC/PAN)	Photo	
				SC	ST	OBC	Minority	PH	EWS				General
1	SABITA DEY	JAYDEB DEY	119/N						EWS	General	Female	533968115864	
2	SOMA DAS	JAYDEB DAS	426/N	SC					EWS		Female	699155837063	
3	BHIM SINGH	LATE RAMJANAM SINGH	343/N						EWS	General	Male	768059180791	





Am

Chairman
Halisahar Municipality

4	SOMNATH CHATTERJEE	RABINDRA NATH CHATTERJEE	196/C						EWS	General	Male	792778447042	
5	ARATI MALLICK	ALOKE KR MALLICK	219/N						EWS	General	Female	704743482863	
6	SUJAN MONDAL	DINABANDHU MONDAL	118/N						EWS	General	Male	996131698694	
7	RINA DEBNATH	ANIL DEBNATH	114/N						EWS	General	Female	761844656482	

Am

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Halisahar Municipality

8	PARBATI SONAR	MAHADEB PRASAD SONAR	NEW							EWS	General	Male	648715762350	
9	SEFALI MONDAL	LATE RAMESH MONDAL	NEW	SC						EWS		Female	484876553035	
10	RANJIT MONDAL	LATE RAM KRISHNA MONDAL	430/N							EWS	General	Male	574175658959	
11	NRIPEN MONDAL	LATE NIKHIL MONDAL	369/N							EWS	General	Male	270123964976	

Am

Chairman
Halisahar Municipality