

# BIRNAGAR MUNICIPALITY

**Detailed Project Report for Construction of 1031 EWS Houses under  
BLC mode of Pradhan Mantri Awas Yojana (PMAY)-HFA (U)  
for Birnagar Municipality**

**2019-20**



**Submitted by**

**Birnagar Municipality  
Dist: Nadia, West Bengal  
February, 2020**



# CONTENTS

| SL  | Particulars   | Page  |
|-----|---|-------|
| 1.  | <b>PREFAGE</b>  | 1     |
| 2.  | <b>INTRDUCTORY NOTE AND BRIEF HISTORY OF BIRNAGAR MUNICIPALITY</b>    | 2-3   |
| 3.  | <b>PROJECT AT A GLANCE (7C)</b>                                       | 4-4.2 |
| 4.  | <b>EXECUTIVE SUMMERY</b>  | 5-5.1 |
| 5.  | <b>SLUM WISE DETAILS OF FUND</b>                                      | 6-6.1 |
| 6.  | <b>INFRASTRUCTURE COST</b>  | 7     |
| 7.  | <b>MAPS OF BIRNAGAR</b>   | 8-14  |
| 8.  | <b>CITY PROFILE</b>   | 15-17 |
| 9.  | <b>EXISTING CENTRAL GOVT. PROJECT OF BIRNAGAR MUNICIPALITY</b>        | 17-18 |
| 10. | <b>Physical Infrastructure profile</b>                                | 19-20 |
| 11. | <b>The project slums and existing scenario of infrastructure</b>      | 20-35 |
| 12. | <b>National Poverty Alleviation Programmes and PMAY</b>               | 35-37 |
| 13. | <b>HFAPoA and Proadhan Mantri Awas Yojana (Housing for All)</b>       | 37-40 |
| 14. | <b>Introduction to Proadhan Mantri Awas Yojana (PMAY)</b>             | 40    |
| 15. | <b>The duration of Pradhan Mantri Awas Yojana [PMAY] 2015 TO 2022</b> | 41    |
| 16. | <b>Need for Projects</b>  | 41-42 |
| 17. | <b>Funding Pattern of PMAY</b>  | 43    |
| 18. | <b>Demographic features of the Birnagar Municipality</b>              | 43-47 |
| 19. | <b>List of slums under Birnagar Municipality</b>                      | 47    |
| 20. | <b>List of Non slums under Birnagar Municipality</b>                  | 48    |
| 21. | <b>Project Justification</b>  | 48-53 |

| <b>SL</b>  | <b>Particulars</b>                                  | <b>Page</b>      |
|------------|---|------------------|
| <b>22.</b> | <b>Project Land Particulars (2019-20)</b>           | <b>54-56</b>     |
| <b>23.</b> | <b>Housing Status (For 2019-20)</b>                 | <b>56-58</b>     |
| <b>24.</b> | <b>Physical Infrastructure</b>                      | <b>58-71</b>     |
| <b>25.</b> | <b>Details of Social Infrastructure at a glance</b> | <b>72-100</b>    |
| <b>26.</b> | <b>The Supply Demand Gap and Requirements</b>       | <b>100-105</b>   |
| <b>27.</b> | <b>Proposed Intervention &amp; Building Plan</b>    | <b>105-109</b>   |
| <b>28.</b> | <b>Summary of Investment</b>                        | <b>109-117</b>   |
| <b>29.</b> | <b>Convergence of Health and Education</b>          | <b>117-119</b>   |
| <b>30.</b> | <b>Environment Impact Assessment</b>                | <b>120-121</b>   |
| <b>31.</b> | <b>Operation &amp; Maintenance</b>                  | <b>122-125</b>   |
| <b>32.</b> | <b>Institutional Capacity</b>                       | <b>126</b>       |
| <b>33.</b> | <b>AIP TABLES</b>                                   | <b>127-129/2</b> |
| <b>34.</b> | <b>Drawing &amp; Estimate</b>                       | <b>130-148</b>   |
| <b>35.</b> | <b>Fund Flow Pattern</b>                            | <b>149</b>       |
| <b>36.</b> | <b>Implementation Schedule 2020-21</b>              | <b>150</b>       |
| <b>37.</b> | <b>Slum MAP and Photo</b>                           | <b>151-206</b>   |
| <b>38.</b> | <b>Resolution of B.O.C.</b>                         | <b>207</b>       |
| <b>39.</b> | <b>Declaration</b>                                  | <b>207/1</b>     |
| <b>40.</b> | <b>Work flow of PMAY – HFA (U) for 2019-20</b>      | <b>208</b>       |
| <b>41.</b> | <b>Beneficiary list for 15-16</b>                   | <b>209-333</b>   |

# PREFACE

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

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

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

We are hopeful that this ULB will be able to utilize the success of this Program for further Municipal developmental works & for upgrading the quality of civic life. It will facilitate this ULB to be self-reliant son that this town can be a potential generator of economic momentum in the desired direction.

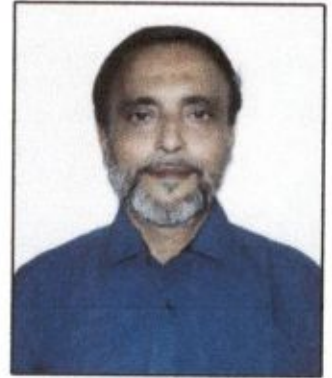
The town has 34 Nos. Slum and 13 Nos. Non Slum Pockets. DPR has been prepared on 21 Nos. Slum and 7 Nos. Non Slum Pockets to minimize the deficiencies in civic amenities after carrying out necessary field survey work, the Slums.

This project report has been prepared for total outlay of Rs. **4173.49** lakhs and the physical schemes for this town have been identified on the basis of preliminary assessment befitting with the final and comprehensive development project plan for the entire town.

  
Chairman  
Birnagar Municipality

## 1. INTRDUCTORY NOTE AND BRIEF HISTORY OF BIRNAGAR MUNICIPALITY:

Birnagar Municipality was established in the year 1869 at the middle of the Nadia ( District of West Bengal ). This Municipality is situated in between Ranaghat and Krishnagar (District Town of Nadia district of West Bengal). It is roughly 80km away from Kolkata. But the significant feature of this small town is that it has some historical background of the past which enlighten even to days people who frequent this place as visitors or to find out the reminisces of their fore fathers.



Chairman, Birnagar Municipality

This is one of the oldest Municipalities. It still bore the sign of cultural heritage of it past. Some of the remains of construction of temples and architects signify the same.

This Municipality is competing with the modern developments of other Municipalities and coming out fast to enrich all out development whether in service sectors, cultural, socioeconomic development, educationally etc.

Civilization is a time continuing process. It started long ago and as the needs of the people enhanced so as the civilization. It is unfortunate that we are yet to develop our country in all sectors of civic amenities. The housing sector is one of such sector. We have been trying our best to achieve 100% result in this sector with the active support of Govt. of West Bengal. We are partially successful in this endeavor but we need to give shelter to the urban poor so that no one lives in a thatched house or in shanties.

As of now this Municipality is busy with the process of preparing Plan of Action (HFAPOA) for the urban poor. With the strong leadership from the Chairman and its councilors and active support of the staff of our Municipality we are going ahead with this scheme to make it a success. We have taken oath that no one in this Municipality would remain starving even for a day; no one should remain without drinking water, sanitation, and clothing and above all shelter less.

Development is our only motto and we will not stop whatever obstacle comes our way. The task ahead is herculean one due to complexity of socioeconomic and political situation. However, preparation of Housing for All Plan of Action and implementation of the same in a time bound manner is not so easy job.

As this project is the first of its kind and this project would offer development of all slum dwellers and stop from further grow of slum localities which is a curse to the modern life, we are looking forward to make our Municipality a clean and habitable Municipality without any slum area. Our experience of the past would guide us and we are sure to achieve our dream project for the first time. The Housing for All Plan of Action has been prepared with this in mind and we are looking forward for a great future.

# Physical Features:

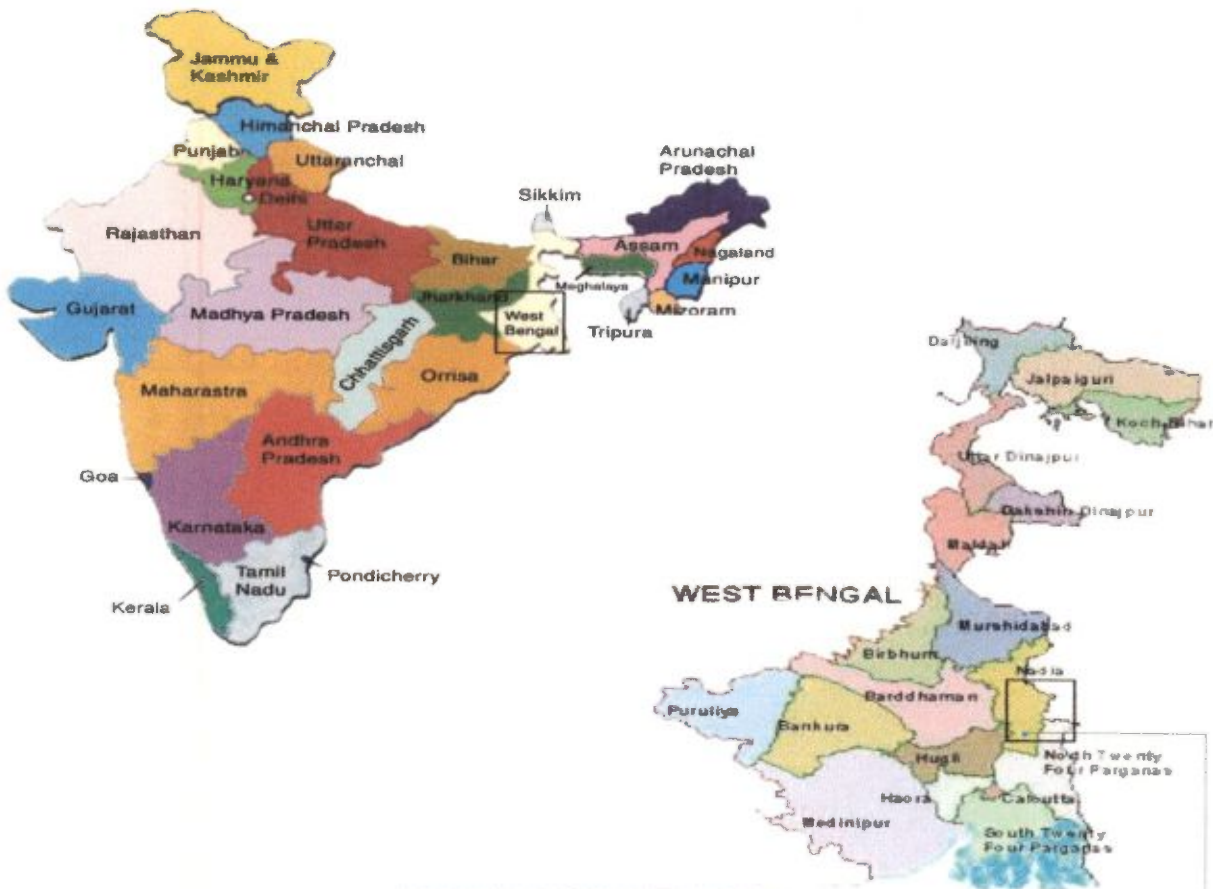
## (i) Location

The geographical location of the Municipality is 23 degree 14 minutes 52 seconds north Latitude and 88 degree 33 minutes 40 seconds longitude. The area is bounded on the north by the Khisma Gram Panchayet, on the east by the Khisma Gram Panchayet, on the south by Kalinarayanpur-Paharpur Gram Panchayet, and on the west by the Khisma Gram Panchayet.

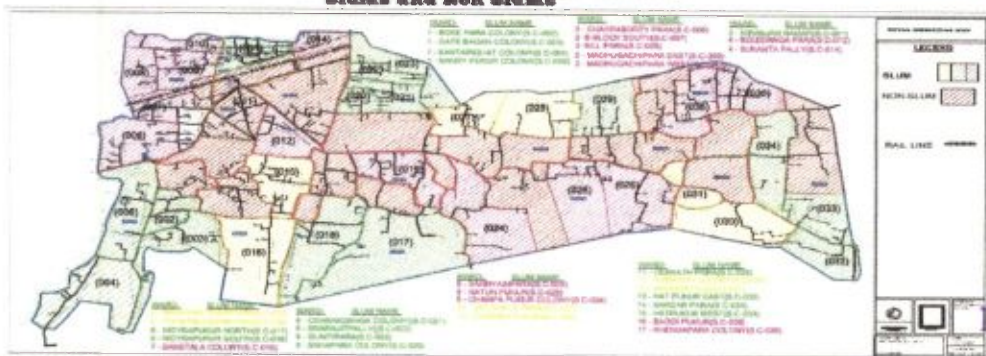
The maximum length from east to west is around 1.5 kms, while the maximum breadth from north to south is about 3.5 kms.

Eastern railway – Sealdah Division Main line also connects Birnagar, which takes approximately Two hour from the Sealdah Railway Station.

The Municipality can also be accessed through NH-34 & SH-10. The distance between the nearest airport and Birnagar is only 70 km and it takes approximately Two hour to travel.



**BIRNAGAR MUNICIPALITY (6.62 SQ. KM.)**  
**Wards and Pop. Size**



Chairman

Birnagar Municipality

**Annexure 7C**  
**(Para 14.5 of the Guidelines)**

**Format for Project under Beneficiary Led Construction Or Enhancement**

|    |   |   |                                       |                      |                                    |                         |   |          |                        |
|----|---|---|---------------------------------------|----------------------|------------------------------------|-------------------------|---|----------|------------------------|
| 1  | Name of the State:  | : | <b>West Bengal</b>                    |                      |                                    |                         |   |          |                        |
| 2  | Name of the District:   | : | <b>Nadia</b>                          |                      |                                    |                         |   |          |                        |
| 3  | Name of the City:   | : | <b>Birnagar</b>                       |                      |                                    |                         |   |          |                        |
| 4  | Project Name:   | : | <b>Hfa-Birnagar -2019-20</b>          |                      |                                    |                         |   |          |                        |
| 5  | Project Code:   | : | <b>19801685034N0</b>                  |                      |                                    |                         |   |          |                        |
| 6  | State Level Nodal Agency:   | : | <b>State Urban Development Agency</b> |                      |                                    |                         |   |          |                        |
| 7  | Implementing Agency/ ULB  | : | <b>Birnagar Municipality</b>          |                      |                                    |                         |   |          |                        |
|    | Date of Approval by State Level Sanctioning and Monitoring Committee (SLSMC)                  | : |                                       |                      |                                    |                         |   |          |                        |
| 9  | No. of location covered in project: No of Slum Area Covered & No of Non Slum Area Covered     | : | Name of Location                      | No. of beneficiaries | Whether Slum / Non-Slum            | If Slum, then Slum type | If slum, whether it gets completely rehabilitated |          |                        |
|    |   | : | Birnagar Municipality Area            | 1031                 | Covering both Slum & Non-Slum area | Notified                | No  |          |                        |
| 10 | Project Cost (Rs. In Lakhs)   | : |                                       |                      |                                    |                         |   |          |                        |
| 11 | No. of beneficiaries covered in the project   | : | GEN                                   | SC                   | ST                                 | OBC                     | Total   | Minority | Person with Disability |
|    |   | : | 432                                   | 416                  | 0                                  | 183                     | 1031  | 17       | 0                      |
| 12 | Whether beneficiary have been selected as PMAY Guidelines?                                    | : | Yes                                   |                      |                                    |                         |   |          |                        |
| 13 | No. of Houses constructed / acquired. Please specify ownership (Any of these)                 | : | Joint                                 | Female               | Male                               | Transgender             |   |          |                        |
|    |   | : | 0                                     | 604                  | 427                                | 0                       |   |          |                        |
| 14 | No. of beneficiaries covered in the project   | : | Male                                  | Female               | Transgender                        |                         |   |          |                        |
|    |   | : | 427                                   | 604                  | 0                                  |                         |   |          |                        |
| 15 | Whether it has been ensured that selected beneficiaries have rightful ownership of the land ? | : | Yes                                   |                      |                                    |                         |   |          |                        |
| 16 | Whether building plan for all houses have been Approved?                                      | : | Yes                                   |                      |                                    |                         |   |          |                        |


*(Signature)*

|    |   |         |
|----|---|---------|
| 17 | i. GoI grant required (Rs. 1.5 lakh per eligible beneficiary) (Rs. in Lakhs) :  | 1546.50 |
|    | ii. State grant, (Rs. in Lakhs) :   | 2179.54 |
|    | iii. ULB grant (Rs. in Lakhs) :   | 189.71  |
|    | iv. Beneficiary Share (Rs. in Lakhs) :  | 257.75  |
|    | v. Total (Rs. in Lakhs) :   | 4173.49 |
| 18 | Whether technical specification / design for housing have been ensured as per Indian Standards / NBC/ State Norms?  | Yes     |
| 19 | Whether it has been ensured that balance cost of construction is tied up with State Grant, ULB Grant & Beneficiary Share ?                                | Yes     |
|    | Whether trunk and line infrastructure is existing or being provisioned ?  |         |
|    | i. Water Supply :   | Yes     |
|    | ii. Sewerage :  | No      |
|    | iii. Road :   | Yes     |
|    | iv. Storm Water Drain :   | Yes     |
|    | v. External Electrification :   | No      |
|    | vi. Solid Waste Management :  | No      |
|    | vii. Any Other :  | No      |
|    | viii. In case, any infrastructure has not been proposed, reason thereof.  | No      |
|    | Whether disaster (earthquake, flood, cyclone, landslide etc.) resistant features have been adopted in concept, design and implementation of the project ? | Yes     |
| 21 | Whether Demand Survey Completed for entire city ?   | Yes     |
| 22 | Whether City-wide integrated project have been formulated ? If not reasons thereof ?  | Yes     |
| 23 | Whether validation with SECC data for housing condition conducted ?   | Yes     |
| 24 | Whether Direct Benefit Transfer (DBT) of fund to individual bank account of beneficiary ensured in the project ?  | Yes     |



|    |  |   |
|----|--|---|
| 25 | Whether there is provision in DPR for tracking/monitoring the progress of individual houses through geo-tagged photographs ? | Yes   |
| 26 | Whether any innovation/cost effective / Green technology adopted in the project?   | Yes   |
| 27 | Comments of SLAC after techno economic appraisal of DPR  | Project covers the most needy beneficiaries |
| 28 | Project brief including any other information ULB/State would like to furnish  | The project covers all wards                |
| 29 | Project Submission Date to SLSCM   |   |

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

  
 \_\_\_\_\_  
 Signature of the Chairman  
 Birnagar Municipality  
*Chairman*  
 Birnagar Municipality

\_\_\_\_\_  
 Signature  
 Chief Engineer  
 M.E Dte,GoWB

\_\_\_\_\_  
 Signature  
 (Director,SUDA)

\_\_\_\_\_  
 Signature  
 (Secretary,UD & MA Department,GoWB)

## Executive Summary

### Project Details

|    |  |   |
|----|--|---|
| 1  | Name of the State:                                   | West Bengal                                     |
| 2  | Name of the District:                                | Nadia   |
| 3  | Name of the City:                                    | Birnagar  |
| 4  | Project Name:  | Hfa-Birnagar -2019-20                           |
| 5  | Project Cost (Rs. in Lakhs)                          | 4173.49   |
| 6  | Central Share (Rs. in Lakhs)                         | 1546.50   |
| 7  | State Share (Rs. in Lakhs)                           | 2179.54   |
| 8  | ULB Share (Rs. in Lakhs)                             | 189.71  |
| 9  | Beneficiary share (Rs. in Lakhs)                     | 257.75  |
| 10 | Total Infrastructure Cost (Rs. in Lakhs)             | 379.41  |
| 11 | Percentage of Infrastructure Cost of Housing Cost    | 10%   |
| 12 | Infrastructure Cost per Dwelling Unit (Rs. in Lakhs) | 0.368   |
| 13 | Year of Implementation                               | 2019-20   |
| 14 | Component Housing Construction                       | Beneficiary Led Construction (BLC)              |
| 15 | SOR Adopted  | PWD (WB) w.e.f 1.11.17 with current corrigendum |

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

| Sl No.                   | Scheme Component                        | Type            | Quantity | Unit | Rate (in lakh/unit) | Proposed project cost (in lakh) | Appraised Project Cost (in lakh) | Central Share (@ Rs. 1.5 Lac/D.U.) | State Govt. Share (@Rs.1.93 Lac/D.U.) | ULB Share                   | Beneficiaries Share (@ Rs. 0.25 Lac/D.U.) |
|--------------------------|---|-----------------|----------|------|---------------------|---------------------------------|----------------------------------|------------------------------------|---------------------------------------|-----------------------------|---|
| <b>A. HOUSING</b>        |   |                 |          |      |                     |                                 |                                  |                                    |                                       |                             |   |
| 1                        | New in- situ                            |                 |          |      |                     |                                 |                                  |                                    |                                       |                             |   |
|                          | Single storied units                    | BLC             | 1031     | Nos. | 3.68                | 3794.08                         | 3794.08                          | 1546.50                            | 1989.83                               | 0.00                        | 257.75                                    |
|                          | <b>Total Housing Cost Sub Total (A)</b> |                 |          |      |                     | <b>3794.08</b>                  | <b>3794.08</b>                   | <b>1546.50</b>                     | <b>1989.83</b>                        | <b>0.00</b>                 | <b>257.75</b>                             |
| <b>B. INFRASTRUCTURE</b> |   |                 |          |      |                     |                                 |                                  |                                    |                                       |                             |   |
| Sl No.                   | Scheme Component                        | Type            | Quantity | Unit | Rate (in Rs./unit)  | Proposed project cost (in lakh) | Appraised Project Cost (in lakh) | Central Share (in lakh)            | State Govt. Share (@ 50%) (in lakh)   | ULB Share (@ 50%) (in lakh) | Beneficiaries Share (in lakh)             |
| 1                        | <b>Roads</b>                            |                 |          |      |                     |                                 |                                  |                                    |                                       |                             |   |
| 1.1                      | BT Roads                                | Bituminous      | 18498    | Sqm  | 566.00              | 104.70                          | 104.70                           | 0.00                               | 52.35                                 | 52.35                       | 0.00                                      |
| 1.2                      | CC Roads                                | Cement Concrete | 9439     | Sqm  | 1106.00             | 104.40                          | 104.40                           | 0.00                               | 52.20                                 | 52.20                       | 0.00                                      |
| 2                        | <b>Road protection wall</b>             |                 |          |      |                     |                                 |                                  |                                    |                                       |                             |   |
| 2.1                      | Road protection wall                    | Brick Masonry   | 864      | Mtr  | 12405.00            | 107.18                          | 107.18                           | 0.00                               | 53.59                                 | 53.59                       | 0.00                                      |

| Sl No.   | Scheme Component          | Type          | Quantity | Unit | Rate (in lakh/unit) | Proposed project cost (in lakh) | Appraised Project Cost (in lakh) | Central Share (@ Rs. 1.5 Lac/D.U.) | State Govt. Share (@Rs.1.93 Lac/D.U.) | ULB Share     | Beneficiaries Share (@ Rs. 0.25 Lac/D.U.) |
|--|---------------------------|---------------|----------|------|---------------------|---------------------------------|----------------------------------|------------------------------------|---------------------------------------|---------------|---|
| <b>3</b>                                       | <b>Storm Water Drains</b> |               |          |      |                     |                                 |                                  |                                    |                                       |               |   |
| 3.1  | Surface drain             | Brick Masonry | 2231     | Mtr  | 2830.00             | 63.14                           | 63.14                            | 0.00                               | 31.57                                 | 31.57         | 0.00                                      |
| <b>Total Infrastructure Cost Sub Total (B)</b> |                           |               |          |      |                     | <b>379.41</b>                   | <b>379.41</b>                    | <b>0.00</b>                        | <b>189.71</b>                         | <b>189.71</b> | <b>0.00</b>                               |
| <b>Grand Total (A+B)</b>                       |                           |               |          |      |                     | <b>4173.49</b>                  | <b>4173.49</b>                   | <b>1546.50</b>                     | <b>2179.54</b>                        | <b>189.71</b> | <b>257.75</b>                             |

Signature of the ULB level  
Competent Technical officer  
Birnagar Municipality

*KSK*  
**Sub-Assistant Engineer**  
**Birnagar Municipality**

Signature of the State level Competent  
Technical Officer

Name & Designation: Chief Engineer, MeDte, GoWB  
Bikash Bhavan, South Block, 1<sup>st</sup> Floor, Salt lake, Kol-91

Name & Designation: Krishna Chandra Kar  
S.A.E, Birnagar Municipality  
Fax No: 03473 260227  
Telephone No: 03473 260227  
E-mail: hfa.birnagar@gmail.com

Fax No: 033-23375474  
Telephone No: 033-23371331  
E-mail: ce\_medte@yahoo.com

Signature  
Director(SUDA)

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

Signature of the Chairman  
Birnagar Municipality

Name & Designation: Partha Kumar Chatterjee  
Chairman, Birnagar Municipality  
Fax No: 03473 260227  
Telephone No: 03473 260227  
E-mail: birnagarmunicipality@rediffmail.com

*P*  
**Chairman**  
**Birnagar Municipality**

## SLUM WISE DETAILS OF DW AND INFRASTRUCTURE COST OF 2019-20

| Slum No. | Name of Slum        | Ward No | Slum Code | Area Sqkm | Population | Dwelling Units<br>(@ Rs. 3.68 Lakh/<br>each) |                   | Drainage (M)<br>(Rs.2814.00/M)<br>(Section -400x400) |                   | Road protection<br>wall @<br>Rs.12774.00 /M |                   | Bituminous Roads<br>(@ Rs. 583.00/Sq.M) |                   | Concrete Roads<br>(@ Rs. 1139.00/Sq.M) |                   | Total cost of<br>Infrastructure<br>@ 10% of D.U.<br>cost Rs. in Lac | Grand Total<br>(Rs. in lakh) |
|----------|---------------------|---------|-----------|-----------|------------|--|-------------------|--|-------------------|---|-------------------|---|-------------------|--|-------------------|---|------------------------------|
|          |                     |         |           |           |            | Qty.   | Amt.<br>(in Lakh) | Qty.   | Amt.<br>(in Lakh) | Qty.  | Amt.<br>(in Lakh) | Qty.                                    | Amt.<br>(in Lakh) | Qty.                                   | Amt.<br>(in Lakh) |   |                              |
| 1        | Bosepara Colony     | 1       | 20016     | 0.08      | 595        | 36   | 132.480           | 140  | 3.96              | 23  | 2.85              | 474                                     | 2.68              | 339                                    | 3.75              | 13.25   | 145.73                       |
| 2        | Kantarighat Colony  | 1       | 20013     | 0.09      | 1270       | 25   | 92.000            | 95   | 2.69              | 20  | 2.48              | 347                                     | 1.96              | 187                                    | 2.07              | 9.20  | 101.20                       |
| 3        | Gatebagan Colony    | 1       | 20005     | 0.09      | 535        | 19   | 69.920            | 51   | 1.44              | 12  | 1.49              | 385                                     | 2.18              | 170                                    | 1.88              | 6.99  | 76.91                        |
| 4        | B-Block South       | 2       | 20020     | 0.08      | 495        | 25   | 92.000            | 90   | 2.55              | 20  | 2.48              | 346                                     | 1.96              | 200                                    | 2.21              | 9.20  | 101.20                       |
| 5        | Madhugachipara East | 2       | 20023     | 0.07      | 605        | 54   | 198.720           | 140  | 3.96              | 42  | 5.21              | 703                                     | 3.98              | 608                                    | 6.72              | 19.87   | 218.59                       |
| 6        | A-Block             | 3       | NS        | 0.04      | 400        | 36   | 132.480           | 140  | 3.96              | 23  | 2.85              | 472                                     | 2.67              | 340                                    | 3.76              | 13.25   | 145.73                       |
| 7        | Beledanga           | 4       | 20026     | 0.08      | 565        | 16   | 58.880            | 50   | 1.42              | 0   | 0.00              | 521                                     | 2.95              | 138                                    | 1.53              | 5.89  | 64.77                        |
| 8        | Sarbajnapara        | 5       | NS        | 0.05      | 305        | 35   | 128.800           | 130  | 3.68              | 20  | 2.48              | 466                                     | 2.64              | 369                                    | 4.08              | 12.88   | 141.68                       |
| 9        | Moyrapukur North    | 6       | 20031     | 0.16      | 965        | 20   | 73.600            | 50   | 1.42              | 15  | 1.86              | 438                                     | 2.48              | 145                                    | 1.60              | 7.36  | 80.96                        |
| 10       | Moyrapukur South    | 6       | 20032     | 0.15      | 690        | 20   | 73.600            | 50   | 1.42              | 15  | 1.86              | 438                                     | 2.48              | 145                                    | 1.60              | 7.36  | 80.96                        |
| 11       | Banstala Colony     | 7       | 20033     | 0.18      | 820        | 30   | 110.400           | 125  | 3.54              | 0   | 0.00              | 657                                     | 3.72              | 342                                    | 3.78              | 11.04   | 121.44                       |
| 12       | Gumtipara           | 8       | 20004     | 0.07      | 500        | 33   | 121.440           | 140  | 3.96              | 25  | 3.10              | 413                                     | 2.34              | 248                                    | 2.74              | 12.14   | 133.58                       |
| 13       | North Librarypara   | 8       | NS        | 0.06      | 625        | 68   | 250.240           | 110  | 3.11              | 50  | 6.20              | 1634                                    | 9.25              | 584                                    | 6.46              | 25.02   | 275.26                       |
| 14       | Smarajitpally       | 8       | 20003     | 0.08      | 830        | 69   | 253.920           | 150  | 4.25              | 48  | 5.95              | 1328                                    | 7.52              | 694                                    | 7.68              | 25.39   | 279.31                       |

## SLUM WISE DETAILS OF INFRASTRUCTURE COST OF 2019-20

| Slum No. | Name of Slum       | Ward No. | Slum Code | Area Sqkm | Population | Dwelling Units<br>(@ Rs. 3.68 Lakh/<br>each) |                   | Drainage (M)<br>(Rs.2914.00/M)<br>(Section -400x400) |                   | Road protection<br>wall @<br>Rs.12774.00 /M |                   | Bituminous Roads<br>(@ Rs. 583.00/Sq.M) |                   | Concrete Roads<br>(@ Rs. 1139.00/Sq.M) |                   | Total cost of<br>Infrastructure<br>@ 10% of D.U.<br>cost Rs. in Lac | Grand Total<br>(Rs. in lakh) |
|----------|--------------------|----------|-----------|-----------|------------|--|-------------------|--|-------------------|---|-------------------|---|-------------------|--|-------------------|---|------------------------------|
|          |                    |          |           |           |            | Qty.   | Amt.<br>(in Lakh) | Qty.   | Amt.<br>(in Lakh) | Qty.  | Amt.<br>(in Lakh) | Qty.                                    | Amt.<br>(in Lakh) | Qty.                                   | Amt.<br>(in Lakh) |   |                              |
| 15       | Charakdanga Colony | 8        | 20001     | 0.09      | 480        | 56   | 206.080           | 150  | 4.25              | 50  | 6.20              | 934                                     | 5.29              | 441                                    | 4.88              | 20.61   | 226.69                       |
| 16       | Sahapara Colony    | 8        | 20034     | 0.08      | 675        | 49   | 180.320           | 140  | 3.96              | 30  | 3.72              | 842                                     | 4.77              | 505                                    | 5.59              | 18.03   | 198.35                       |
| 17       | Sannasipara        | 9        | 20006     | 0.10      | 355        | 25   | 92.000            | 0  | -                 | 0   | 0.00              | 881                                     | 4.99              | 381                                    | 4.21              | 9.20  | 101.20                       |
| 18       | Bediapara          | 9        | NS        | 0.04      | 250        | 25   | 92.000            | 50   | 1.42              | 15  | 1.86              | 347                                     | 1.96              | 358                                    | 3.96              | 9.20  | 101.20                       |
| 19       | Khanpara           | 10       | NS        | 0.04      | 630        | 50   | 184.000           | 0  | -                 | 80  | 9.92              | 743                                     | 4.21              | 386                                    | 4.27              | 18.40   | 202.40                       |
| 20       | Chowkapukur        | 10       | 20010     | 0.12      | 570        | 56   | 206.080           | 150  | 4.25              | 50  | 6.20              | 934                                     | 5.29              | 441                                    | 4.88              | 20.61   | 226.69                       |
| 21       | Hatkholapara       | 10       | 20009     | 0.11      | 645        | 24   | 88.320            | 60   | 1.70              | 20  | 2.48              | 445                                     | 2.52              | 193                                    | 2.13              | 8.83  | 97.15                        |
| 22       | Debnathpara        | 11       | 20011     | 0.17      | 705        | 60   | 220.800           | 130  | 3.68              | 45  | 5.58              | 1188                                    | 6.72              | 551                                    | 6.09              | 22.08   | 242.88                       |
| 23       | Panchanontala      | 11       | NS        | 0.05      | 600        | 40   | 147.200           | 90   | 2.55              | 26  | 3.23              | 760                                     | 4.30              | 420                                    | 4.65              | 14.72   | 161.92                       |
| 24       | Manasatala         | 12       | 20014     | 0.11      | 435        | 25   | 92.000            | 0  | -                 | 40  | 4.96              | 448                                     | 2.54              | 154                                    | 1.70              | 9.20  | 101.20                       |
| 25       | Ambagan Colony     | 12       | 20012     | 0.12      | 605        | 25   | 92.000            | 0  | -                 | 40  | 4.96              | 397                                     | 2.25              | 180                                    | 1.99              | 9.20  | 101.20                       |
| 26       | Bhowalpara         | 13       | NS        | 0.05      | 565        | 60   | 220.800           | 0  | -                 | 85  | 10.54             | 1032                                    | 5.84              | 515                                    | 5.70              | 22.08   | 242.88                       |
| 27       | Khenuapara Colony  | 14       | 20021     | 0.12      | 860        | 25   | 92.000            | 0  | -                 | 35  | 4.34              | 477                                     | 2.70              | 195                                    | 2.16              | 9.20  | 101.20                       |
| 28       | Bagdipukur         | 14       | 20019     | 0.13      | 780        | 25   | 92.000            | 0  | -                 | 35  | 4.34              | 448                                     | 2.54              | 210                                    | 2.32              | 9.20  | 101.20                       |
|          | Total              |          |           | 2.61      | 17355      | 1031   | 3794.08           | 2231   | 63.14             | 864   | 107.18            | 18498                                   | 104.70            | 9439                                   | 104.40            | 379.41  | 4173.49                      |

## HFA Under Pradhan Mantri Awas Yojana

Year of Implementation : 2019-20

Name of the City: Birnagar

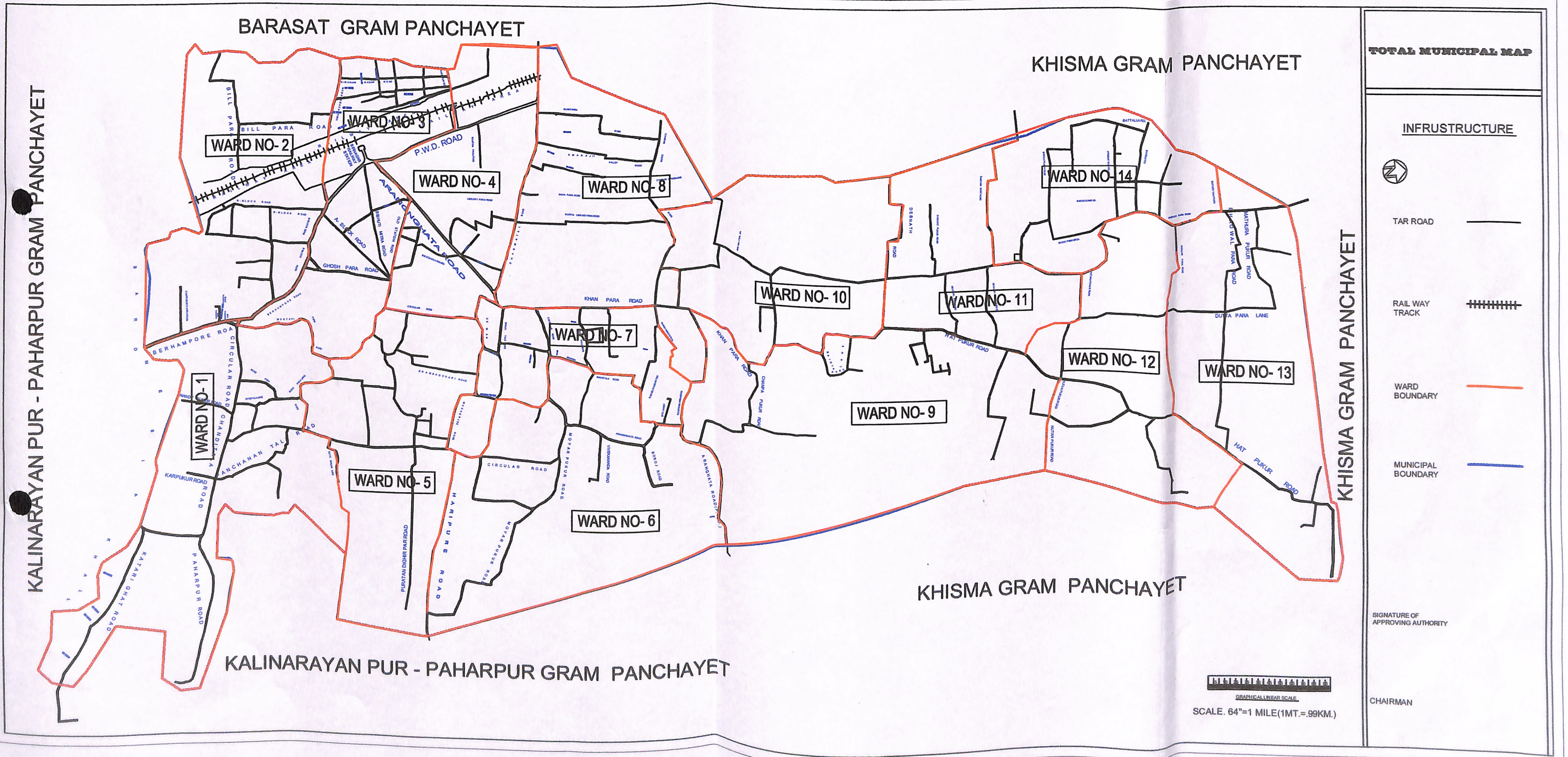
Infrastructure Cost

| SL. NO                                      | DESCRIPTION OF WORK                          | QUANTITY | UNIT | RATE PER UNIT | TOTAL COST (In Lacs) |
|---|--|----------|------|---------------|----------------------|
| 1   | Roads  |          |      |               |                      |
| i   | BT Roads                                     | 18498    | Sqm  | 566.00        | 104.70               |
| ii  | CC Roads                                     | 9439     | Sqm  | 1106.00       | 104.40               |
| Total Road Cost Sub Total (A)               |  |          |      |               | 209.09               |
| 2   | Road protection wall                         |          |      |               |                      |
| i   | Road protection wall Brick Mationary         | 864      | Mtr. | 12405.00      | 107.18               |
| Total Water Supply Cost Sub Total (B)       |  |          |      |               | 107.18               |
| 3   | Storm Water Drains                           |          |      |               |                      |
| i   | Surface drain Brick Mationary 400mm x 400 mm | 2231     | Mtr. | 2830.00       | 63.14                |
| Total Storm Water Drains Cost Sub Total (C) |  |          |      |               | 63.14                |
| Grand Total (A+B+C)                         |  |          |      |               | 379.41               |

  
Chairman  
Birnagar Municipality

# BIRNAGAR MUNICIPALITY


WARD BOUNDARY OF BIRNAGAR  
MUNICIPAL AREA (5.52 SQ. K.M.)




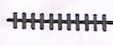
**TOTAL MUNICIPAL MAP**


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**INFRASTRUCTURE**



TAR ROAD 

RAIL WAY TRACK 

WARD BOUNDARY 

MUNICIPAL BOUNDARY 

SIGNATURE OF APPROVING AUTHORITY

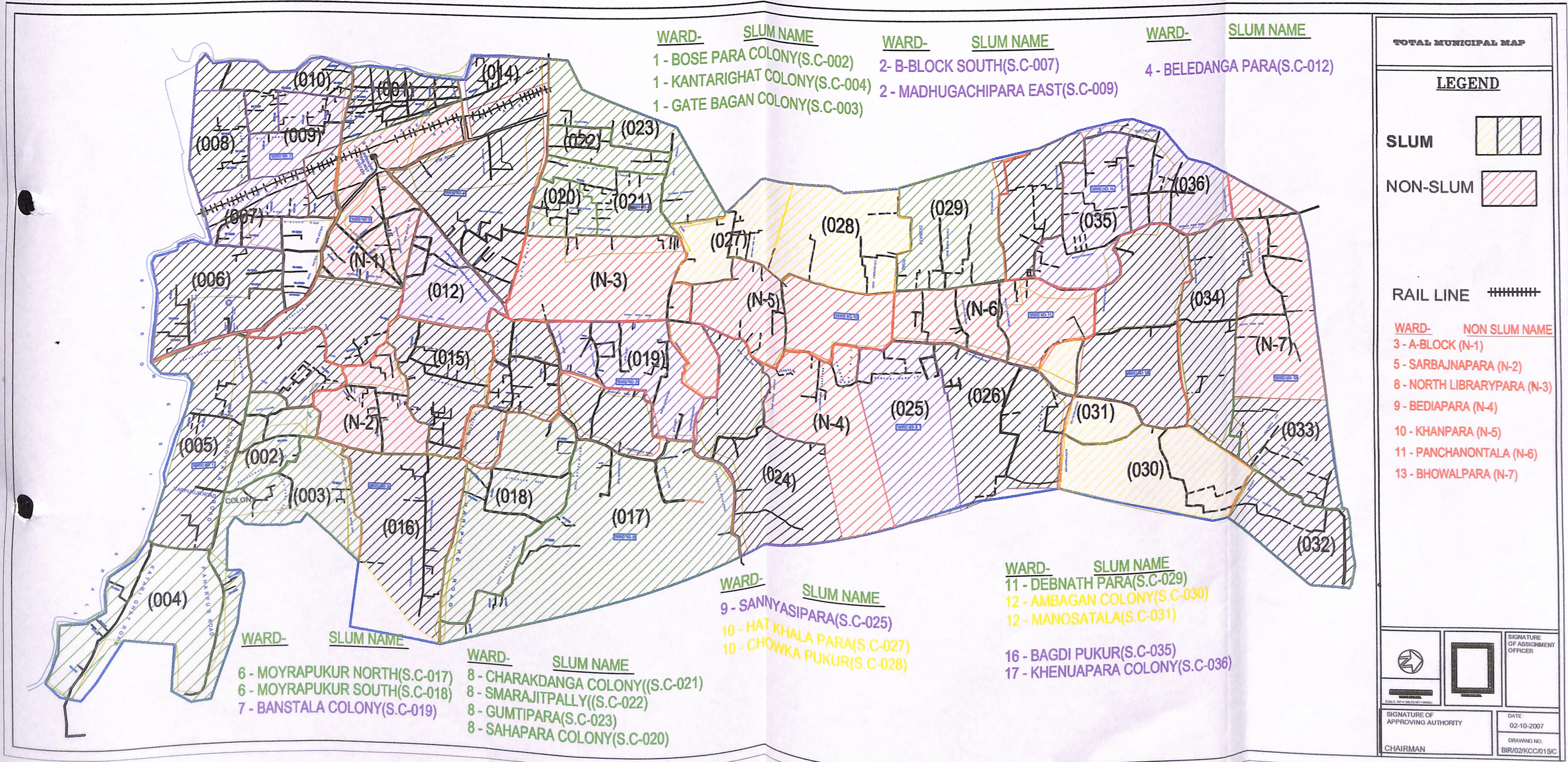
  

CHAIRMAN

  
 Chairman  
 Birnagar Municipality

# BIRNAGAR MUNICIPALITY (5.52 SQ.K.M.)

## Slums and Non Slums in HFA DPR (2019-20)



Chairman  
Birnagar Municipality



