

From: Director, SUDA

To
The Chairperson, Board of Administrator
.....Municipality

<u>Sub</u>. : Clean Ganga - immediate action required on the findings of Swachh Survekshan-2020 during the assessment of Ganga Towns - regarding.

Ref.: No.Q-16025/38/2018-CPHEEO Dt.-21.08.2020

#### Sir/Madam,

This is to inform you that we have received a letter from Ministry of Housing and Urban Affairs, Government of India on the subject matter cited above along with a Study Report based on survey conducted by GoI (copy enclosed) during Swachh Survekshan-2020.

According to their above assessment a large number of open dumps and GVPs have been found along the Ganga Ghats in ULBs mentioned in the Annexure enclosed.

You are therefore requested to kindly take necessary measures to identify & remove GVPs and open dumps near Ganga Ghats / along banks of River Ganga within your Municipal boundary in order to Clean Ganga River.

Swachh Survekshan – 2020, Assessment Report of Ganga Towns received from Ministry of Housing and Urban Affairs, Government of India is also attached herewith for your ready reference.

This may kindly be treated as urgent and please also send a compliance report to this office at an early date.

Enclo.: As stated

Yours faithfully,

Director, SUDA

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To

The Chairman / Chairperson, Board of Administrator

......Municipal Corporation/Municipality

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This may kindly be treated as most urgent and please also send an action taken report to this office at an early date.

Engineering team of SUDA will visit at those locations thereafter with prior intimation to your office.

Enclo.: As stated

Yours faithfully,

**Director, SUDA** 

# No.Q-16025/38/2018-CPHEEO Government of India Ministry of Housing and Urban Affairs (CPHEEO)

New Delhi, 21st August, 2020

#### **OFFICE MEMORANDUM**

Subject: Clean Ganga - Immediate action required on the findings of Swachh Survekshan-2020 during the assessment of Ganga Towns - regarding.

The undersigned is directed to refer to the Swachh Survekshan 2020 – Assessment of 97 Ganga towns Report released by the Ministry on 21/08/2020 during Award Ceremony of SS-2020 and to convey that a large number of open dumps and GVPs have been found along the Ganga Ghats in ULBs mentioned in the Annexure enclosed. It is requested to urgently direct the officials concerned to remove GVPs and open dumps in the ULBs concerned in your respective States as immediate action for Clean Ganga and report back to this Ministry. Swachh Survekshan 2020 – Assessment of 97 Ganga towns Report is available on the website <a href="http://swachhbharaturban.gov.in/">http://swachhbharaturban.gov.in/</a>. It is also attached.

(The assessment did not cover Barauni (Bihar), Pandit Deen Dayal Upadhyaya (Uttar Pradesh), Gayeshpur (West Bengal), Badrinath & Gangotri Dham (Uttarakhand))

(Ankit Jain)

Asst. Adviser (PHE)

Tel: 011-23063581 ankit.j@nic.in

To

- 1) Mission Directors, SBM Urban (Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal);
- 2) Project Directors Clean Ganga SPMG (Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal);

#### Copy for information to:

#### National Mission Clean Ganga:

- A. Director General, National Mission for Clean Ganga Internal:
  - 1. Advisor (PHEE)
  - 2. Director (SBM & PHE)
  - 3. JA (VKC) and JA (JBR)

### **West Bengal**

Name of Town	No. of Ghats	Solid Waste spotted on river	GVP on or around Ghats	Open dump site around river
Haldia	2	0	0	0
Barrackpore	4	3	2	8
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Katwa	13	6	0	1
Halishahar	6	0	5	11
Nabadwip	3	2	1	3
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Dhulian	20	1	20	17
Total	275	113	125	213

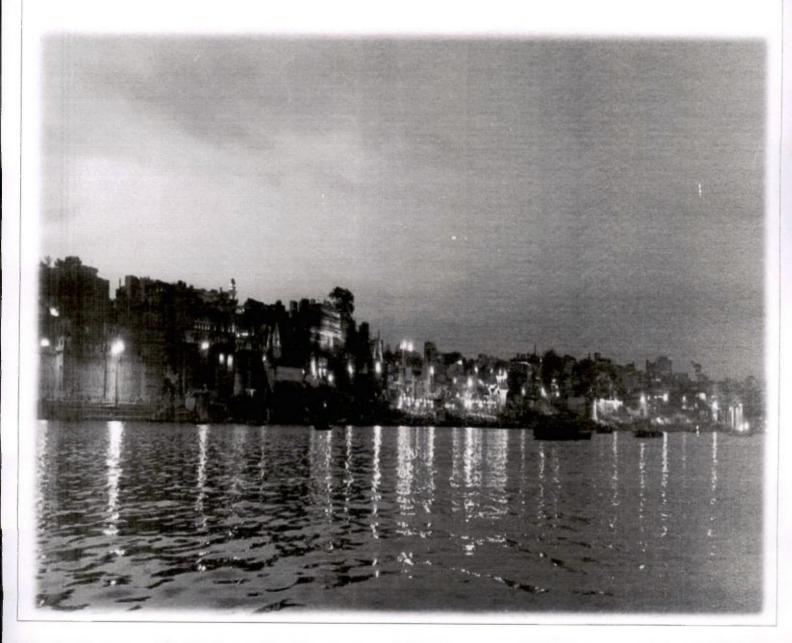






### SWACHH SURVEKSHAN 2020

# Assessment of 97GangaTowns



### हरदीप एस पुरी HARDEEP S PURI





आवासन और शहरी कार्य राज्य मंत्री (स्वतंत्र प्रभार) नागर विमानन राज्य मंत्री (स्वतंत्र प्रभार) वाणिज्य एवं उद्योग राज्य मंत्री भारत सरकार



Minister of State (I/C), Housing & Urban Affairs

Minister of State (I/C), Civil Aviation

Minister of State, Commerce & Industry

Government of India

<u>Message</u>

"Sanitation is more important than political independence" - Mahatma Gandhi

These words of the Father of the Nation truly reflect the importance that the Mahatma laid on cleanliness and sanitation. In order to give shape to this dream of a Clean India, the Hon'ble Prime Minister, Shri Narendra Modi launched the 'Swachh Bharat Mission' on 2 October 2014. To inculcate a spirit of healthy competition among towns and cities around Swachhata, the Swachh Survekshan – Urban was launched in 2016.

As part of a multi-pronged strategy developed to meet the objectives of 'Swachh Survekshan - the assessment of Ganga Towns was initiated in 2019 with an objective to evaluate their levels of cleanliness on a set of predefined indicators. Improvement in the overall cleanliness of nullahs and increased accessibility of municipal solid waste (MSW) plants across the Ganga towns have acted as positive catalysts in improving standards of cleanliness.

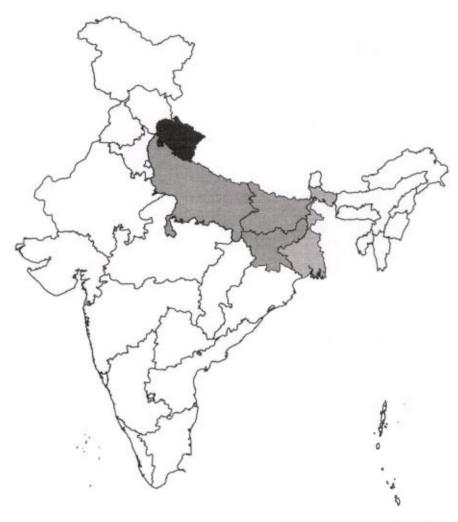
I am happy to release this survey report today wherein we have shared the details of 97 Ganga towns that were assessed and ranked on key cleanliness and sanitation parameters. This assessment of Ganga towns is an important step in our journey towards a Swachh and Swasth India.

(Hardeep S Puri)

23 July 2020 New Delhi

### **Executive Summary**

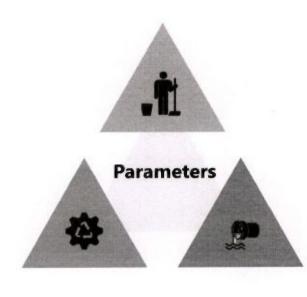
Assessment of 97 Ganga Towns was undertaken by Ipsos Research Private Limited, under Swachh Survekshan 2020. The evaluation was executed with constant support and guidance of Ministry of Housing and Urban Affairs (MoHUA) to measure the cleanliness in and around ghats. The survey was executed using direct observation within a span of 15 days (16<sup>th</sup> - 31<sup>st</sup> January 2020). The study was executed in the five states, from where Ganga river flows, coverage of the project is depicted below:



### State-wise Number of Ganga Towns



The parameters covered in this study are as follows:



#### Overall Cleanliness

- No open Dumpsites present near the Ghat area.
- No Garbage Vulnerable Points (GVP) present near the Ghat area.
- No Solid waste found floating on the river Ganga.

### 02 Solid Waste Management (SWM) services:

- Placement and accessibility of Anti-littering messages / hoarding for citizens.
- Adequate twin-litterbins placed in every 50 m of Ghats.
- Sweeping and Cleaning arrangements in place for Ghats.
- Availability trash cleaner to trap the solid waste floating on river surface.

#### Nullahs and Screens:

- Number of external nullahs getting discharged directly into river Ganga.
- Nullahs having functional screens installed.
- Screens of nullahs are not choked.
- 04 Availability of MSW plant in the town

The survey was conducted in January 2020, covering 863 Ganga Ghats across 97 towns. A team of 30 assessors were trained and employed for conducting the assessment. These assessors were further monitored / lead by Executive Officers. Project coverage is depicted below:



The key findings of the survey are briefed below:



52 towns had anti-littering messages placed across Ghats.



Across 46 towns, no solid waste was found floating on river surface.



Out of 97 Ganga towns, no GVPs were observed in 34 towns.



No open dumpsites were spotted around vicinity of Ghats in 29 towns.



Among 97 towns, sweeping and cleaning arrangements were available in 62 towns.



19 towns had functional municipal solid waste (MSW) plants.



In 31 towns, it was observed that no nullah were being discharged into the river.



Twin-Litterbins were placed in every 50 meters of Ghats across 58 towns.



Availability of Trash Cleaners was observed in 13 towns.

Abovementioned data has been detailed in subsequent chapters of the report.

### Chapter 7: State-wise Findings (West Bengal)

### 7.1: State-wise findings:

Out 97 assessed towns, **39** of them were located in West Bengal. Overall **275** Ghats were observed in West Bengal during the survey. Following are major findings:



#### 275 Ghats Covered

Across Ganga Towns of West Bengal, 275 Ghats were covered during the survey.



### Anti-littering messages were placed in 22 towns

The anti-littering messages were placed across Ghats of 22 out of 40 towns.



### No Trash Cleaners were available in towns

Trash cleaner was not available in any town.



### Twin-Litter Bin was placed across Ghats of 27 towns

Twin-litter bin was placed across Ghats of 27 out of 40 towns.

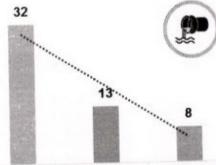


Sweeping and Cleaning
Arrangements were
present in 26 towns
Sweeping and cleaning
arrangements were available
across Ghats of 26 towns.



### MSW plants were not available in towns.

Across West Bengal, MSW plant was not available in any town.



Towns where nullahs were discharged into Towns where Screens were installed on Nullahs Towns with no cleaning arrangements for nullah screens

Nullahs were being discharged directly into river in 32 towns.

Nullahs were not being discharged directly into river in Haldia, Maheshtala, Nabadwip, Kanchrapara, Murshidabad, Chakdah and Santipur.

Screens were installed on nullahs of 13 towns.

Chocked / no screen on nullah was observed 8 towns namely: Uluberia, Uttarpara, Baranagar, Champdani, Kamarhati, Hugli-Chinsurah, Diamond Harbour and Jangipur.

Status of Nullahs and Screens



### রাজ্য নগর উন্নয়ন সংস্থা STATE URBAN DEVELOPMENT AGENCY



"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA - 229/2018 (1933 (39)

Tatal 18.09, 2020

From: Director, SUDA

To 1. The Chairman/Chairperson, Municipality/NAA
2. The Chairperson, Board of Administrator, Municipality/NAA
3. The Municipal Commissioner, Municipal Corporation

4. The Administrator, ...... Municipality

<u>Sub</u>.: Clean Ganga - immediate action required on the findings of Swachh Survekshan-2020 during the assessment of Ganga Towns - regarding.

Ref.: No.Q-16025/38/2018-CPHEEO Dt.-21.08.2020

#### Sir/Madam,

This is to inform you that we have received a letter from Ministry of Housing and Urban Affairs, Government of India on the subject matter cited above along with a Study Report based on survey conducted by GoI (copy enclosed) during Swachh Survekshan-2020.

According to their above assessment a large number of open dumps and GVPs have been found along the Ganga Ghats in ULBs mentioned in the Annexure enclosed.

You are therefore requested to kindly take necessary measures to identify & remove GVPs and open dumps near Ganga Ghats / along banks of River Ganga within your Municipal boundary in order to Clean Ganga River.

Swachh Survekshan - 2020, Assessment Report of Ganga Towns received from Ministry of Housing and Urban Affairs, Government of India is also attached herewith for your ready reference.

This may kindly be treated as most urgent and please also send an action taken report to this office at an early date. It may be kept in mind that Hon'ble NGT may take serious cognizance if the ULBs are found defaulter and indifferent in this regard.

After submission of Action Taken Report, team led by Engineers of SUDA will inspect the sites and report.

Enclo.: As stated

Yours faithfully,

18.09.2020.

Director, SU

Date. 18-09-20

Memo No. SUDA - 229/2018/1933 (39)/1(1)

Copy forwarded for kind information and necessary action to :-

1) Sri Tapas Kumar Gupta, Chief Engineer (SWM), West Bengal Pollution Control Board

18.09.2020.
Director, SUDA

Account Section: 2358 6408



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দ্রভাষ ঃ ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স ঃ ২৩৫৮ ৫৮০০

Tel: 2358 6403/5767, Fax: 2358 5800, E-mail: wbsudadir@gmail.com

Account Section: 2358 6408

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Date.

Director, SUDA



### রাজ্য নগর উন্নয়ন সংস্থা



### STATE URBAN DEVELOPMENT AGENCY

'**'ইলগাস ভবন'',** এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

क्मिक नर SUDA - 229/2018/1934

जारिय 18.09. 2020

From: Director, SUDA

To: Mr. Ankit Jain, Asst. Adviser (PHE)

Ministry of Housing and Urban Affairs (CPHEEO)

Govt. of India

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Sir,

With reference to above and telephonic conversation with you on 16.09.2020, you are hereby requested to kindly share with us the locations map of GVP & open dump sites on Ghats & around Ganga river respectively related to concern municipalities as per your survey report.

We then in turn will share the same to the respective municipal authorities with a request to take necessary remedial measures to remove GVPs and open dumps on Ghats & around the river in order to keep the Ganga river clean.

Yours faithfully,

18.09.2020.

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(Ankit Jain)

Asst. Adviser (PHE) Tel: 011-23063581 ankit.j@nic.in

To

- 1) Mission Directors, SBM Urban (Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal);
- Project Directors Clean Ganga SPMG (Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal);

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**'হিলগাস ভবন'', এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ** 

"ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA - 229 2018 10643

णातिष 03.06.2020

From: Director, SUDA.

To: The Chairman, Tamralipta Municipality, Purba Mednipur.

> Sub: Sanction of fund for screening across channel/drain discharging to river Ganga within Tamralipta Municipality.

Ref: Your Memo no: 1530 dated: 29.02.20

Sir,

In reference to the above this is to inform you that in the meeting, on Municipal Solid Waste Management and Monitoring of Ganga Towns, held on 10<sup>th</sup> July at SUDA Conference Hall, a decision has been taken that work related to screening on small nullah/drain up to the size of 1.2m x 1.2m to be executed by the Municipal Authority of its own. Reimbursement of funds for installation of screens above 1.2m x 1.2m may be claimed with work done estimate duly vetted by the concerned Executive Engineer of KMDA/M.E.Dte. The copy of the said minutes is being attached herewith for your ready reference please.

The rate analysis submitted by your good office are for the screens having size 1.2m x 1.2m, for each and every location. You are hereby again requested to execute the work immediately if not done till date and send a work done certificate for taking further necessary action.

Thanking you.

Yours faithfully,

3.6.2020.

Director, SUDA

Encl: As stated above

Account Section: 2358 6408



From: Director, SUDA.

To: The Chairman. Tamralipta Municipality, Purba Mednipur.

> Sub: Sanction of fund for screening across channel/drain discharging to river Ganga within Tamralipta Municipality.

Ref: Your Memo no: 1530 dated: 29.02.20

Sir,

In reference to the above this is to inform you that in the meeting, on Municipal Solid Waste Management and Monitoring of Ganga Towns, held on 10<sup>th</sup> July at SUDA Conference Hall, a decision has been taken that work related to screening on small nullah/drain up to the size of 1.2m x 1.2m to be executed by the Municipal Authority of its own. Reimbursement of funds for installation of screens above 1.2m x 1.2m may be claimed with work done estimate duly vetted by the concerned Executive Engineer of KMDA/M.E.Dte. The copy of the said minutes is being attached herewith for your ready reference please.

The rate analysis submitted by your good office are for the screens having size 1.2m x 1.2m, for each and every location. You are hereby again requested to execute the work immediately if not done till date and send a work done certificate for taking further necessary action.

Thanking you,

Yours faithfully,

Encl: As stated above

3.6.2020.

By e-mail only

## No.Q-16025/38/2018-CPHEEO Government of India Ministry of Housing and Urban Affairs (CPHEEO)

New Delhi, 06th March, 2020

#### NOTICE FOR VIDEO CONFERENCE

Subject: Review of SWM progress in Ganga States and Towns via <u>Video Conference on</u> 16.03.2020 at 03.00 PM – regarding.

The undersigned is directed to inform that Video Conference on review of SWM State-wise in Ganga Towns by Joint Secretary (SBM) Shri Vinod Kumar Jindal has been scheduled for 16<sup>th</sup> March 2020 at 03:00 PM, in Conference Room No. 417-C Wing, Nirman Bhawan and at respective NIC studios.

The Agenda for discussion during the VC:-

- (a) 100% Scientific Management of Municipal Solid Waste in Ganga Towns;
- (b) Status of open dump sites and GVPs along River Ganga;
- (c) Screening arrangements and their regular cleaning at all nallahs in Ganga Towns;
- (d) Regular Ghat Cleaning;
- (e) Anti littering messaging;
- (f) Progress in SBM-U matters

It is requested to make it convenient to participate in the Video Conference through nearest NIC Studio along with detailed status reports and action plans with targeted completion dates and present status.

(Ankit Jain)

Asst. Adviser (PHE)

Tel: 011-23063581

ankit.j@nic.in

To

- 1) Mission Directors, SBM Urban (Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal);
- Project Directors Clean Ganga SPMG (Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal);
- 3) Municipal Commissioners of the following Ganga ULBs in the State of Uttarakhand:-

i) Municipal Commissioner/ Ex. Officer
Nagar Nigam Haridwar
Mayapur, Near Fire Station
Devpura, Haridwar - 249401 (Uttarakhand)

ii) Municipal Commissioner/ Ex. Officer
Nagar Nigam Rishikesh, Haridwar Road, Near
Kohli Market, Haridwar, Uttarakhand 249201

Kokoet on

### 4) Municipal Commissioners of the following Ganga ULBs in the State of Uttar Pradesh: -

i) Municipal Commissioner ii) Municipal Commissioner Kanpur Nagar Nigam Varanasi Nagar Nigam Near Sigra Sport Stadium, Sigra, Varanasi, Uttar City Hall, Harsh Nagar, Kanpur, Uttar Pradesh 208002 Pradesh 221002 mckanpur@yahoo.com nagarnigamvns@gmail.com iii) Municipal Commissioner iv) Municipal Commissioner/ Ex. Officer Prayagraj (Allahabad) Nagar Nigam Nagar Palika Parishad Farrukhabad, Town Hall, UP - 209601 1, Sarojini Naidu Marg, Allahabad, Uttar Pradesh -211 001 eonppfarukhabadfr-up@nic.in v) Ex. Officer Kannauj Nagar Palika Parishad Nagar Palika Chauraha, Safdarganj,

#### 5) Municipal Commissioners of the following Ganga ULBs in the State of Bihar:-

(4)	Municipal Commissioner Patna Municipal Corporation Patna-800001 pmcprda@gmail.com	100	Municipal Cor Bhagalpur Bhagalpur-812 nagarnigambh	Municipal 2001.	Corporation,
	Municipal Commissioner Begusarai Municipal Corporation Chitragupta Nagar, Begusarai, Bihar- bmcbeg@gmail.com	851101			

### 6) Municipal Commissioners of the following Ganga ULBs in the State of West Bengal: -

i)	Municipal Com	missioner	ii)	Municipal Commissioner
	Kolkata Munic Banerjee Road, I	ipal Corporation, olkata-700013		Howrah Municipal Corporation, 4, Mahatma Gandhi Road, Howrah-711101

#### Copy for information to:

#### Internal:

- 1. PPS to JS (SBM)
- 2. PPS to Advisor (PHEE)
- 3. Director (SBM & PHE)
- 4. JA (PHEE) Dr. V.K. Chaurasia

Kannauj, Uttar Pradesh 209725

- 5. JA (PHEE) Shri J. B. Ravinder
- NPMU (SBM) with the request to make arrangements for the Video Conference & Fact Sheets required. (Dr. Sanghamitra Bhattacharya)
- 7. Concerned officer (at room no. 535-C) to book the Conference Hall No. 417-C for the said VC on 16.03.2020 at 03:00 PM
- 8. Manager Bikano Café To arrange water, Tea and Snacks for 12 persons

### National Mission Clean Ganga:

A. Director General, National Mission for Clean Ganga with the request for participation from NMCG in the VC.

	Progress	report regarding Solid Waste Management of Ganga T	owns.
SI. No.	Name of the Components	Status	Remarks
1.	100% Scientific Management of municipal Solid waste in Ganga Towns	9(Nine) waste processing plants at Baidyabati, Rishra, Srerampore, Konnagar, Uttarpara Kotrang, Champdany, Haldia, Kolkata MC and Krishnanagar are functioning at present including one no RWMC with SLF has been set up at Baidyabati, that caters six Ganga towns of Hooghly District. Upgradation of the plants has been proposed by the Transaction Advisors engaged for assisting State Govt. towards Scientific planning of SWM.	Transaction Advisors and Microplanners has been engaged for assisting State Govt. towards Scientific planning of SWM for each and every ULBs.
2.	Status of open dump sites and GVPs along River Ganga.	There are no open dump sites present along River Ganga.  1 (One) no GVP present at Naihaiti.	The removal of GVP is under prime consideration and will be removed within a short interval of time.
3.	Screening arrangements and their regular cleaning at all nullahs in Ganga Towns.	Out of 402 nos of drains discharging to River Ganga 400 nos of Drains on which screens have been provided and they are being cleaned at a regular interval.  Two nos of Screens installation within Howrah MC are under Process.	List showing the name of the ULBs with details has been attached.
4.	Regular Ghat cleaning.	100% cleaning operation is being done by all the respective ULBs on regular basis. Bins have been provided on every Ghats.	-
5.	Anti littering message	Anti littering message has been displayed on each and every Ghats.	
Ž.	Progress in SBM-U matters	ODF status Achieved- 33 nos of ULBs. Initial Target for IHHL construction- 210353 nos Revised Target for IHHL construction-62692 nos IHHL construction Completed=60818 nos (97%) IHHL Geo-tagging Completed-52633 nos Target for community Toilet block construction- 1631 nos Construction completed-1236 nos. Target for Public Toilet block construction- 522 nos Construction completed- 74 nos.	

Serial No.	Name of the Ganga Town	No. of Nallahs discharging into Ganga	Nallahs having screens	No. of Nallahs where Screens yet to be installed	Date for completing installation of Screens	How many screens are temporary?	Date for making screens permanent	Whether regular	Screens Remarks
1	Baidyabati	24	24	0	-	0	N. A.	Yes	
2	Bansberia	16	16	0	-	0	N. A.	Yes	
3	Baranagar	5	5	0	-	0	N. A.	Yes	
4	Barrackpore	2	2	0	-	0	N. A.	Yes	
5	Bhadreswar	6	6	0	-	0	N. A.	Yes	
7	Bhatpara Rudgo Rudgo	21	21	0	-	0	N. A.	Yes	
8	Budge Budge Chakdah	3	3	0	-	0	N. A.	Yes	
9	Chandernagore MC	9	9	0	-		*	-	
10	Dhuliyan	13	13	0	-	0	N. A.	Yes	
11	Diamond Harbour	7	7	0	-	0	N. A.	Yes	
12	Gayeshpur	o	0	0	-	-	N. A.	Yes	
13	Halisahar	11	11	0	-	0	N. A.	Yes	
14	Jangipur	16	16	0	-	0	N. A.	Yes	
15	Jiaganj-Azimganj	5	5	0	-	0	N. A.	Yes	
16	Kalyani	2	2	0		0	N. A.	Yes	
17	Kamarhati	11	11	0	-	0	N. A.	Yes	
18	Kanchrapara	0	0	0		0	N. A.	Yes	
19	Katwa	7	7	0	-	0	N. A.	Yes	
20	Khardah	12	12	0	-	0	N. A.	Yes	
21	Konnagar	6	6	0	-	0	N. A.	Yes	
22	Krishnanagar	0	0	0	It is not a Ganga Town	0	N. A.	Yes	
23	Murshidabad	8	8	0		0	N. A.	Yes	
24	Nabadwip	3	3	0	-	0	N. A.	Yes	
25 26	Naihati North Barrackpore	4	4	0	-	0	N. A.	Yes	
27	Panihati	11	11	0	-	0	N. A.	Yes	
28	Pujali	7 2	7	0	-	0	N. A.	Yes	
29	Santipur	0	2	0	-	0	N. A.	Yes	
30	Serampore	15	15	0	-	0	N. A.	Yes	
31	Titagarh	3	3	0	-	0	N. A.	Yes	
32	Uttarpara-Kotrung	9	9	0	-	0	N. A.	Yes	
33	Rishra	4	4	0	-	0	N. A.	Yes	
34	Hooghly-Chinsurah	42	42	0	-	0	N. A.	Yes	
35	Uluberia	10	10	0	-	0	N. A.	Yes	
36	Maheshtala	10	10	0	-	0	N. A.	Yes	
37	Champdany	3	3	0		0	N. A.	Yes	
38	Berhampur	33	33	0	-	0	N. A.	Yes	
39	Garulia	10	10	0	31.10.2019	0	N. A.	Yes	
40	Haldia	8	8	0	13.02.2020	0	- N. A.	Yes	
41	Kolkata MC	14	14	0		0	N. A.	Yes	
	TOTAL	372	372	0					
1	Howrah MC	30	28	2		0	N. A.	Yes	2 belongs to KMDA, 2nos under Irrigation Dept. As per Exe. Engg. all the works for installation of screen, has been awarded to KMDA & 2 nos screen has already been installed.
	TOTAL	30	28	2					
	GRAND TOTAL		100	2					

7.0					8					BIN					
SI No		District	Compactor (Big)	Stn Compacto r	Hook Loader	Compactor(s mall)	Dumper	FOT*	10LT	120LT	Z40LT	FOT*	BOT*	*\D\J	BHL*
1	Katwa	BARDDHAMAN	-				1	-	34400	10	×	0	C	C	
2	Calcutta MC	CALCUTTA									0		0	5 0	
m	3 Howrah MC	HOWRAH					0		117406	34	36	5 0	5 0	5 0	
4	4 Uluberia	HOWRAH	2	1	1	-	,	2	103240	30	000	0 0	0	0	
5	5 Baidyabati	нисны	2				-	1 0	OLYCOT O	200	00		5	2 5	,
9	Bansberia	нисны	2				-	1 0	36000	1 1	100	4 0	0 0	07	
7	Bhadreswar	HUGHLI	2				-	1 0	53678	14	OT TO		0	0	7
00	Champdany	нисны	2	,			1 -	1 0	0/000	7 <	4 0	0	0	2 0	4
6	9 Chandannagore MC	нисны	2	1	1	-	,  -	1 0	82502	1 00	2 00	0	0 0	0	4
10	10 Hooghly Chinsurah	нисны	2			-	-	1 0	92070	22	24		5 0	5 0	
11	11 Konnagar	HUGHLI	1			4	4 -	1 -	25042	3.0	40	0	0	5 0	٠,
12	Rishra	нисны	2				-	, ,	0 0	17	77	) i	)	5 8	٠,
13	13 Serampore	HUGHLI	2			-	4 -	7 0	0	0 0	O C	CI C	210	39	- -
14	14 Uttarpara Kotrung	HUGHLI	2				1 -	1 0	0	0 5	OT C	2 0	) i	) (	7
15	15 Berhampore	MURSHIDABAD	2			-	-	1 0	00000	47	777	XI C	97	200	-
16	16 Dhuliyan	MURSHIDABAD	2				-	2 0	00000	77	77	0	0	5 0	,
17	17 Jangipur	MURSHIDABAD	2				1 -	1 0	00001	1 0	77	0	5 0	5 (	-
00	18 Jiaganj-Azimganj	MURSHIDABAD	-					7 -	22622	0	0	2	0	5	
19	19 Murshidabad	MURSHIDABAD	-				4	- ,	23412	24	34	0	0	0	1
20	20 Chakdah	NADIA	2				4 .	٦ ،	25490	07	77	0		0	-
21	21 Gayeshpur	NADIA	-				-1 +	7 ,	58840			0	0	0	
22	22 Kalvani	NADIA	, ,	1	T		7	1	34000			0	0	0	
23	23 Krishnanagar	NADIA	7				1	2	51144			6	26	38	1
24	24 Nabadwip	NADIA	7 0	1			1	7	0			0	0	0	
25	25 Santinur	NADIA	10		Ī		1	7	0	16	48	0	0	0	
26	26 Baranagar	NODTH 24 PARCANAS	7	1	1		1	2	75156	4	4	0	0	0	
27	27 Rarrachnora	MONIN 24-PAKUANAS	4	1	1	1	1	2	80000	14	14	0	0	0	
200	28 Rhatmarra	NOK I H 24-PARGANAS	7	1			1	2	75312	2	4	0	0	0	
200	Camilia	NOKTH 24-PARGANAS	2	-1	1	1	1	2	0	28	26	0	0	0	
200	20 Garuna 30 Halicabau	NORTH 24-PARGANAS	2				1	2	36600	14	14	0	0	0	
3 5	21 Kamanhati	NORTH 24-PARGANAS	2				1	2	20000	18	20	0	0	0	H
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NORTH 24-PARGANAS	NORTH 24-PARGANAS	NORTH 24-PARGANAS	NORTH 24-PARGANAS	NORTH 24-PARGANAS	NORTH 24-PARGANAS	PURBA MEDINIPUR	SOUTH 24-PARGANAS	SOUTH 24-PARGANAS	SOUTH 24-PARGANAS	SOUTH 24-PARGANAS	
32 Kanchrapara	33 Khardah	34 Naihati	35 North Barrackpore	36 Panihati	37 Titagarh	38 Haldia	39 Budge Budge	40 Diamond Harbour	41 Maheshtala	42 Pujali	TOTAL

FOT= FUEL OPERATED TIPPER
BOT=BATTERY OPERATED TIPPER
TCV=TRI CYCLE VAN
BHL= BACK HOE LOADER

District         ULB         Initial Target         Final Target         Completed Com	Dietrict         U.J.B.         Final Frage         Completed Trages         No office Completed         No office Completed Completed         No office Completed Completed         No office Completed <br< th=""><th></th><th></th><th></th><th></th><th></th><th>HHL</th><th>IHHL Status of 42 Ganga Towns</th><th>2 Ganga</th><th>Lowns</th><th></th><th></th><th></th><th></th></br<>						HHL	IHHL Status of 42 Ganga Towns	2 Ganga	Lowns				
Billich/pubbit         1333         652         652         100,00         0         629         9933           Billich/pubbit         2393         1140         1084         95,09         56         0         939         86,62           Billich/pubmigure         3006         1200         10000         0         939         86,62           Champdamagure         2880         144         144         1000         0         134         93.06           Champdamagure         2880         144         144         1000         0         134         93.06           Hooghly Chinacaral         455         710         707         99,58         3         0         655         99.82           Konnagar         469         47         47         100,00         0         0         100         0         47         100,00           Serampor         1821         515         616         100,00         0         0         100         0         100         0         100         0         100         0         100         0         100         0         100         0         100         0         100         0         100         0	Baincheater   13033   Ge22   Gi22   100.000   Ge39   Ge39   Ge39   Ge30   Ge3	SI No	District	ULB	Initial Target	Final Revised Target	Construction	% of Construction Completion	Construction	Construction yet to start		% of Uploading against construction completion	No of Geo tag pending	Remarks
Bancherie         2993         1140         10844         95.05         56         0         953         9533           Champdeany         2866         1200         1200         100         0         0         1200         100.00           Champdeany         2666         2315         1165         1200         100         0         1200         100.00           Champdeany         2666         2315         1165         1144         1444         100.00         0         1340         1360         91.06           Konnegar         4093         144         144         100.00         0         0         134         93.06           Konnegar         1756         6156         616         100.00         0         0         1705         99.82           Kishna         1821         1821         100.00         0         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Bancheria         2993         1140         1084         95.09         56         0         939         95.33           Champdanvager         Champdanvagere         1200         1200         100.00         0         0         1320         100.00           Champdanvagere         2866         1320         1200         100.00         0         0         1300         100.00           Champdanvagere         2866         1345         144         144         144         1000         0         0         130         91.06           Konnagar         409         47         47         1000         0         0         134         93.06           Sighra         1716         616         10000         0         0         0         136         93.06           Sighra         1716         616         10000         0         0         0         1000         0         1000           Sighra         1821         582         547         35.99         35         0         49         95.66         99.88         0         1000         0         1000         0         1000         0         1000         0         1000         0		НООВНГУ	Baidyabati	1303	632	632	100.00	0	c	C F			
Bhadreswar         3006         1200         1200         0         9399         86.62           Champdany         2666         2315         1765         76.24         550         0         1200         100.00           Champdany         2666         2315         1765         76.24         550         0         1500         91.60           Chandanoger         2860         144         144         100         0         0         153         91.60           Konnagar         493         47         100.00         0         0         134         93.66           Konnagar         493         47         100.00         0         0         47         100.00           Serampor         1821         183         183         183         183         100.00         0         47         100.00           Uluberia         8822         6         0         0         0         105         100.00         0         0         100.00         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Bhadreswar         3006         1200         1200         0         9399         86.62           Chandannagere         Chandannagere         2860         1315         1765         76.24         550         0         1000         91.06           Chandannagere         2860         144         144         100.00         0         134         93.06           Houghly Chinxurah         6355         710         707         99.58         3         0         635         88.22           Kishxa         1716         626         616         100.00         0         134         93.06         91.83         83.22           Kishxa         1716         707         99.58         3         0         655         90.68         91.88         91.00         0         100         0         100.0         100.0         100.0         0         100.0         0         100.0         0         100.0         0         100.0         0         100.0         0         100.0         0         100.0         0         100.0         0         100.0         0         100.0         0         100.0         0         100.0         0         100.0         0         100.0		НООСНІУ	Bansberia	2993	1140	1084	95,00	2		670	99.53	m	
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Houghly Chinesurah         6355         710         707         99.58         3         0         635         89.82           Konnagar         409         47         47         100.00         0         0         47         100.00           Serampore         1821         582         547         32.99         35         0         496         30.88           Uttarpara Kotrung         2409         183         183         100.00         0         0         10         17.05           Howarah MC         6822         0	Hooghly Chinsurah         6355         710         707         99.58         3         0         635         88.82           Konnagar         409         47         40         100.00         0         47         100.00           Serampore         1821         582         47         47         100.00         0         47         100.00           Utlastraa kotrung         2409         183         183         100.00         0         0         496         80.70           Utlastraa kotrung         2409         183         183         100.00         0 <td< td=""><td></td><td>НООСНГУ</td><td>Chandannagore</td><td>2860</td><td>144</td><td>144</td><td>100.00</td><td>550</td><td>0 0</td><td>1609</td><td>91.16</td><td>156</td><td></td></td<>		НООСНГУ	Chandannagore	2860	144	144	100.00	550	0 0	1609	91.16	156	
Konnagar         409         47         47         100,00         0         0         47         100,00           Rishra         1716         616         616         100,00         0         0         47         100,00           Uttangara Kortung         2409         1821         582         547         93.99         35         0         496         90,68           Uttangara Kortung         2409         183         183         100         0         0         100         0	Konnagar         409         47         47         100,00         0         0         47         100,00           Rishra         1716         616         616         616         616         616         0         0         0         0         105         10000           Uttatrans kortunik         2409         1821         582         547         93.99         35         0         496         90.68         90.68         90.68         90.68         90.68         90.60         0		НООСИГУ	Hooghly Chinsurah		710	707	99.58		0	467	93.06	10	
Rishra         1716         616         617         10000         0         47         10000           Viltarpara Kotrung         1821         582         547         93.99         35         0         496         105           Viltarpara Kotrung         2409         183         183         183         10000         0         0         149         91.68           Howarsh MC         6822         0<	Rishra         1716         616         617         100,000         0         0         47         100,00           Serampore         1821         582         547         93.99         35         0         105         17.05           Uttarpara Kotrung         2409         183         183         183         100.00         0         149         81.42           Howrah MC         6822         0	-	НООСНІУ	Konnagar	409	47	70	00000			cco	89.82	72	
Serampore         1821         582         547         100.00         0         105         1705         1705           Uttarpara Kotrung         2409         183         183         100.00         0         0         446         90.68           Uttarpara Kotrung         2409         183         183         100.00         0	Serampore         1821         527         547         100,00         0         105         1105         1105           Uttarpara Kotrung         1821         5847         5849         35         35         0         0         1496         90,688           Uttarpara Kotrung         2409         183         183         10000         0	_	НООСНІУ	Rishra	1716	616	17	700.00	0	0	47	100.00	0	
Uttatopara Kortunig         2454         53.59         35         35         35         496         9068           Howarah MC         6822         0         0         0         0         149         81.42           Howarah MC         68828         0         0         0         0         0         0         0.00           Ulubberia         8672         0         0         0         0         0         0.00         0           D         Berhampore         1953         2837         100.00         0         0         0         0.00         0           D         Berhampore         1953         2837         100.00         0 <td< td=""><td>Uttarpara Kortung         240         95.39         35         0         496         90.68           Uttarpara Kortung         2409         183         183         100.00         0         0         149         81.42           Howarah MC         68825         0         0         0.00         0         0         0.00           Uultderia         88373         8670         100.00         0         0         0         0.00           D         Kolkata MC         68868         0         787         100.00         0         0         0         0.00           D         Berhampore         1953         2837         100.00         0         0         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0</td></td<> <td></td> <td>HOOGHLY</td> <td>Seramonre</td> <td>1821</td> <td>070</td> <td>gra</td> <td>100.00</td> <td>0</td> <td>0</td> <td>105</td> <td>17.05</td> <td>511</td> <td></td>	Uttarpara Kortung         240         95.39         35         0         496         90.68           Uttarpara Kortung         2409         183         183         100.00         0         0         149         81.42           Howarah MC         68825         0         0         0.00         0         0         0.00           Uultderia         88373         8670         100.00         0         0         0         0.00           D         Kolkata MC         68868         0         787         100.00         0         0         0         0.00           D         Berhampore         1953         2837         100.00         0         0         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0         0.00         0		HOOGHLY	Seramonre	1821	070	gra	100.00	0	0	105	17.05	511	
Howrah MC         6822         0         0         0.00         0         149         81.42           Howrah MC         6822         0         0         0.00         0         0         0.00           Uluberia         8837         8670         100.00         0         0         0         0.00           Kolkata MC         68868         0         0         0.00         0         0         0.00           D         Rolkata MC         68868         0         0         0.00         0         0.00           D         Berhampore         1953         2837         2837         100.00         0         0         0.00           D         Dhullan         6104         7990         7843         98.16         147         0         2837         100.00           D         Jangpur         2132         2702         20020         100.00         0	Howerah MC         6822         1         183         180         0         0         199         184.2           Howerah MC         6822         0	L	HOOGHIV		1041	207	547	93.99	35	0	496	89.06	51	
Howrah MC         6822         0         0.000         0	Howrah MC         6822         0         0.00         0	_		ortal para Notrung	2409	183	183	100.00	0	0	149	81.42	34	
Uluberia         8837         8670         8670         10000         0	Viluberia         8837         8670         10000         0         8870         1000           De Nolkata MC         68868         0         0         0.00         0         0         0.00           De Berhampore         1953         2837         100.00         0         0         2837         100.00           De Perhampore         1953         2837         100.00         0         2837         100.00           De Perhampore         1953         2837         100.00         0         2837         100.00           De Perhampore         1953         2702         1702         0         0         2837         100.00           De Paracle Moritania         2132         2702         1702         0         0         1963         100.00           De Mushidabad         1221         1200         1500         0         0         1976         97.97           Mushidabadi         1221         1500         1500         0         0         0         1900         0           Gayeshpur         574         519         100.00         0         0         0         1900         0         1900         0         1900         0		HOWRAH	Howrah MC	6822	0	0	0.00	0	0	C	000		
Kolkata MC         68868         0         0         0.000         0         0         0.000         0         0         0.000         0         0         0.000         0         0         0.000         0         0         0.000         0         0         0         0.000         0	Kolkata MC         68868         0         0         0.00         0         0         0         0         0         0         0         100.00           D         Berhampore         1953         2837         100.00         0		HOWRAH	Uluberia	8837	8670	8670	100.00	C	0		0.00	0	
D         Berhampore         1953         2837         2837         100.00         0 <td>D         Berhampore         1953         2837         100.00         0</td> <td>- 1</td> <td>KOLKATA</td> <td>Kolkata MC</td> <td>68868</td> <td>0</td> <td>0</td> <td>0.00</td> <td></td> <td></td> <td>86/0</td> <td>100.00</td> <td>0</td> <td></td>	D         Berhampore         1953         2837         100.00         0	- 1	KOLKATA	Kolkata MC	68868	0	0	0.00			86/0	100.00	0	
D         Dhullan         6104         7990         7833         40.00         0         2837         100.00           D         Jaagani-Azimgani         2132         2702         100.00         0         7843         100.00           D         Jaagani-Azimgani         1888         2017         2702         100.00         0         7722         100.00           Murshidabad         1221         1500         1500         100.00         0         1500         100.00         0         1500         100.00         0         1500         100.00         0         1500         100.00         0         1500         100.00         0         1500         100.00         0         1500         100.00         0         1500         100.00         0         1500         100.00         0         1500         100.00         0         1500         100.00         0         1500         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0<	D Hullan         6104         7990         78.16         10         0         2837         100.00           D Jangipur         2132         2702         7843         98.16         147         0         7843         100.00           D Jangipur         2132         2702         2702         100.00         0         0         2702         100.00           D Murshidabad         1221         1500         1500         100.00         0         0         1976         97.97           Chakdah         495         705         495         70.21         0         0         0         97.97         100.00           Chakdah         495         705         100.00         0         0         1976         97.97         97.97           Kalyani         6594         654         654         100.00         0         0         100.00         0         98.26         98.38	- 1	MURSHIDABAD	Berhampore	1953	2837	2837	100.00	0	0		0.00	0	
D         Jangipur         2132         2702         764-3         98.10         147         0         7843         100.00           D         Jiaganj-Azimgani         1888         2017         2702         100.00         0         2702         100.00           D         Muvrshidabad         1221         1500         1500         1500         0         1976         97.97           Chakdah         495         705         495         70.21         0         0         1500         100.00           Kalyani         659         654         654         654         100.00         0         0         1500         100.00           Krishnanagar         1736         1817         1817         100.00         0         0         659         99.39           Krishnanagar         1736         1817         1817         100.00         0         0         650         99.39           Santipur         2629         2664         1852         71.12         0         2454         100.00         0         0         1656         91.34           Baranackpore         2115         154         160.00         0         0         2454         100.0	D         Jangipur         2132         2702         7643         96.10         147         0         7843         100.00           D         Jiaganj-Azimganj         1888         2017         2702         100.00         0         0         2702         100.00           D         Murshidabad         1221         1500         1500         100.00         0         1500         100.00           Chakdah         495         705         495         70.21         0         1500         100.00           Kalyani         659         654         654         654         654         654         85.86         99.39           Kralyani         659         654         654         654         650         0         100.00         0         100.00         99.39           Kralyani         659         654         654         100.00         0         0         659         99.39         100.00           Kalyaniagar         1736         1817         100.00         0         0         650         99.39         100.00           Santipur         2629         1817         100.00         0         0         1656         91.49         100.00 <td></td> <td>MURSHIDABAD</td> <td>Dhulian</td> <td>6104</td> <td>7990</td> <td>7643</td> <td>100.00</td> <td>0</td> <td>0</td> <td>2837</td> <td>100.00</td> <td>0</td> <td></td>		MURSHIDABAD	Dhulian	6104	7990	7643	100.00	0	0	2837	100.00	0	
Diagani-Azimgani         1888         2017         200         0         0         2702         100.00           Diagani-Azimgani         1888         2017         2017         100.00         0         0         1976         97.97           Murshidabad         1221         1500         1500         0         0         1500         100.00           Chakdah         495         705         495         7021         0         0         1500         100.00           Kalyani         659         654         654         100.00         0         0         519         100.00           Krishnanagar         1736         1817         100.00         0         0         650         99.39           Krishnanagar         1736         1817         100.00         0         0         519         100.00           Santipur         2629         654         654         100.00         0         0         650         99.39           Baranakpara         1355         516         160.00         0         752         1852         100.00           Baranakpara         1352         516         100.00         0         752         1852         <	Diagani-Azimgani         1888         2017         200         0         0         2702         100.00           Murshidabad         1221         1500         1500         0         0         1976         97.97           Murshidabad         1221         1500         1500         100.00         0         1500         100.00           Chakdah         495         705         495         70.21         0         0         1500         100.00           Kalyani         659         654         654         654         654         100.00         0         650         99.39           Krishnanagar         1736         1817         1817         100.00         0         650         99.39           Krishnanagar         1736         1817         1800         0         650         99.39         100.00           Santipur         2659         654         654         100.00         0         650         99.39           Barrangar         1355         2604         1852         71.12         0         752         1852         100.00           Barrangar         2155         516         100.00         0         0         2454		MURSHIDABAD	Janeibur	2132	2020	CHRI	30.10	147	0	7843	100.00	0	
Murshidabad         1221         1500         100.00         0         1976         97.97           Murshidabad         1221         1500         1500         100.00         0         1500         100.00           Chakdah         495         705         495         7021         0         210         1500         100.00           Kalyaniu         574         519         519         7021         0         210         425         85.86           Krishnanagar         1736         1817         1817         100.00         0         0         519         99.39           Nabadwip         2454         2454         100.00         0         0         650         99.39           Santipur         2629         2644         1852         71.12         0         752         1855         91.14           Barrackpore         2115         335         300         89.55         0         35         300         100.00           Bhatpara         2346         1618         1574         97.28         44         0         1361         100.00           Garulia         1323         222         222         100.00         0         0	Murshidabad         1221         1500         1500         0         1976         97.97           Chakdah         1221         1500         1500         0         1500         100.00           Chakdah         1221         1500         1500         0         1500         100.00           Chakdah         495         7021         0         0         1500         100.00           Kalyani         659         654         654         100.00         0         659         85.86           Krishnanagar         1736         1817         1817         100.00         0         650         99.39           Krishnanagar         1736         1817         1817         100.00         0         0         99.39           Santipur         2629         2664         1852         100.00         0         2454         100.00           Baranagar         1355         516         2454         100.00         0         0         2454         100.00           Baranackpore         2115         335         516         100.00         0         0         516         100.00           Baranackpore         2152         163         100.00	1	MIDCHIDADAD		7577	70.77	7077	100.00	0	0	2702	100.00	0	
O Murshidabad         1221         1500         1500         100.00         0         1500         100.00           Chakdah         495         7021         0         210         425         85.86           Gayeshpur         574         519         519         100.00         0         210         425         85.86           Krishnangar         1736         1817         100.00         0         0         519         99.39           Krishnangar         1736         1817         1817         100.00         0         0         650         99.39           Nabadwip         2454         2454         100.00         0         0         1656         91.14           Barrackpore         2454         2454         100.00         0         2454         100.00           Barrackpore         2115         335         516         100.00         0         5156         100.00           Barrackpore         2115         335         300         89.55         0         35         300         100.00           Halisahar         4502         1618         1574         97.28         44         0         1361         100.00	Of Murshidabad         1221         1500         1500         0         0         1500         100.00           Chakdah         495         705         495         7021         0         210         425         85.86           Gayeshpur         574         519         519         100.00         0         210         425         85.86           Kalyani         659         654         654         100.00         0         0         519         100.00           Krishnanagar         1736         1817         1817         100.00         0         0         650         99.39           Nabadwip         2454         2454         100.00         0         0         1656         91.14           Santipur         2629         2604         1852         71.12         0         752         1852         100.00           Barrackpore         2115         335         300         100.00         0         0         100.00         100.00           Bhatpara         4502         1618         1574         97.28         44         0         35         300         100.00           Bhatishar         4502         163         163	- 1	MONSHIDABAD	Jiaganj-Azimganj	1888	2017	2017	100.00	0	0	1976	97.97	41	
Chakdah         495         705         495         70.21         0         210         1500         100.00           Gayeshpur         574         519         519         100.00         0         210         425         85.86           Krishnanagar         1736         1817         1817         100.00         0         650         99.39           Nabadwip         2454         2454         100.00         0         650         99.39           Santipur         2629         2664         1852         71.12         0         752         1852         100.00           Barrackpore         2115         335         300         89.55         0         752         1852         100.00           Bhatpara         2346         1618         1574         97.28         44         0         516         100.00           Halisahar         4502         163         163         100.00         0         35         300         100.00           Kanchrapara         1366         704         704         0         0         136         100.00           Khardah         2621         360         0         0         0         100.00	Chakdah         495         705         495         70.21         0         1500         1500         100.00           Kalyani         659         654         654         100.00         0         0         519         100.00         98.36           Krishnanagar         1736         1817         1817         100.00         0         650         99.39         100.00           Nabadwip         2454         2454         1247         100.00         0         650         99.39         100.00           Santipur         2629         2664         1852         71.12         0         752         1852         100.00           Barrackpore         2115         335         300         89.55         0         35         300         100.00           Barrackpore         2115         335         300         89.55         0         35         300         100.00           Barrackpore         2115         335         222         100.00         0         0         1361         100.00           Kamarakpore         2152         163         163         163         100.00         0         0         1361         100.00           Ka	- 1	MURSHIDABAD	Murshidabad	1221	1500	1500	100.00	C		000		1	
Gayeshpur         574         519         519         100.00         0         519         528         85.86           Kalyani         659         654         654         100.00         0         0         519         100.00           Nabadwip         2454         1817         180.00         0         0         650         99.39           Nabadwip         2454         2454         100.00         0         0         1656         91.14           Santipur         2629         2604         1852         71.12         0         752         1852         100.00           Barrackpore         2115         335         300         89.55         0         752         1852         100.00           Bhatpara         2346         1618         1574         97.28         44         0         156         100.00           Halisahar         4507         163         163         100.00         0         1361         86.47           Kandrhapara         1366         704         704         0         0         163         100.00           Khardah         2621         163         100.00         0         0         163 <t< td=""><td>Gayeshpur         574         519         519         100.00         0         425         85.86           Krishnanagar         1736         654         654         100.00         0         650         99.39         100.00           Nabadwip         2454         2454         1817         1817         100.00         0         650         99.39         100.00           Santipur         2629         2664         1852         71.12         0         752         1852         100.00           Barrackpore         2115         356         516         100.00         0         752         1852         100.00           Bhatpara         2346         1618         1574         97.28         44         0         1361         100.00           Halisahar         4502         163         163         100.00         0         222         100.00           Kamarhati         2621         342         300         87.72         44         0         1361         100.00           Kamchrapara         1366         704         100.00         0         0         222         100.00           Kanchrapara         1366         704         100.00</td><td>- 1</td><td>NADIA</td><td>Chakdah</td><td>495</td><td>705</td><td>495</td><td>70.21</td><td></td><td>2</td><td>1200</td><td>100.00</td><td>0</td><td></td></t<>	Gayeshpur         574         519         519         100.00         0         425         85.86           Krishnanagar         1736         654         654         100.00         0         650         99.39         100.00           Nabadwip         2454         2454         1817         1817         100.00         0         650         99.39         100.00           Santipur         2629         2664         1852         71.12         0         752         1852         100.00           Barrackpore         2115         356         516         100.00         0         752         1852         100.00           Bhatpara         2346         1618         1574         97.28         44         0         1361         100.00           Halisahar         4502         163         163         100.00         0         222         100.00           Kamarhati         2621         342         300         87.72         44         0         1361         100.00           Kamchrapara         1366         704         100.00         0         0         222         100.00           Kanchrapara         1366         704         100.00	- 1	NADIA	Chakdah	495	705	495	70.21		2	1200	100.00	0	
Kalyani         659         654         654         100.00         0         519         100.00           Krishnanagar         1736         1817         1817         100.00         0         650         99.39         100.00           Nabadwip         2454         2454         100.00         0         1656         91.14         100.00           Santipur         2629         2604         1852         71.12         0         752         1852         100.00           Baranagar         1355         516         160.00         0         752         1852         100.00         100.00           Bhatpara         2346         1618         1574         97.28         44         0         516         100.00           Garulia         1323         222         222         100.00         0         0         1361         86.47           Hallsahar         4502         163         163         100.00         0         0         1361         100.00           Kamarhati         2621         362         300         0         0         163         100.00           Kanchragara         1366         704         704         0         0<	Kalyani         659         654         654         100.00         0         0         519         100.00           Krishnanagar         1736         1817         1817         100.00         0         0         650         99.39           Nabadwip         2454         2454         100.00         0         0         1656         91.14           Santipur         2629         2604         1852         71.12         0         752         1852         100.00           Baraackpore         2115         335         300         89.55         0         35         100.00           Bhatpara         2346         1618         1574         97.28         44         0         150.00           Garulia         1323         222         222         100.00         0         1361         86.47           Halisahar         4502         163         100.00         0         0         163         100.00           Kamarhati         2621         342         100.00         0         0         163         100.00           Kandrhapara         1366         704         704         0         0         163         100.00	- 1	NADIA	Gayeshpur	574	519	519	10000	0 0	710	425	85.86	70	
Krishnanagar         1736         1817         1817         100.00         0         650         99.39           Nabadwip         2454         2454         2454         100.00         0         0         1656         91.14           Santipur         2629         2604         1852         71.12         0         752         1852         100.00           Baranagar         1355         516         516         100.00         0         0         2454         100.00           Bhatpara         2346         1618         1574         97.28         44         0         516         100.00           Halisahar         4502         163         106.00         0         0         1361         86.47           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Khardah         408         704         100.00         0         0         163         100.00	Krishnanagar         1736         1817         1817         100.00         0         650         99.39           Nabadwip         2454         2454         2454         100.00         0         0         1656         91.14           Santipur         2629         2604         1852         71.12         0         752         1852         100.00           Baranagar         1355         516         516         100.00         0         0         516         100.00           Bhatpara         2346         1618         1574         97.28         44         0         516         100.00           Garulia         1323         222         222         100.00         0         0         1361         86.47           Halisahar         4502         163         106.00         0         0         1361         80.00         100.00           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Kanckrapara         1366         704         704         704         0         0         163         99.72           Khardah         908         208         200	- 1	NADIA	Kalyani	629	654	654	100.00		0	519	100.00	0	
Nabadwip         2454         2454         2454         100,00         0         0         1656         91.14           Santipur         5antipur         2629         2664         1852         71.12         0         752         1852         100.00           Baranegar         1355         516         100.00         0         752         1852         100.00           Bhatpara         2346         1618         1574         97.28         44         0         516         100.00           Halisahar         4502         163         106.00         0         0         1361         86.47           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Khardah         008         1363         100.00         0         0         163         100.00	Nabadwip         2454         2454         2454         100,00         0         0         1656         91.14           Santipur         5antipur         2629         2454         100,00         0         2454         100,00           Baranagar         1355         516         1660         0         752         1852         100,00           Barackpore         2115         335         300         89.55         0         35         300         100,00           Bhatpara         2346         1618         1574         97.28         44         0         1361         86.47           Halisahar         4502         163         106.00         0         0         1361         86.47           Kamarhati         2621         342         300         87.72         42         0         222         100.00           Kanchrapara         1366         704         704         100.00         0         163         100.00           Khardah         908         208         208         100.00         0         702         99.72	- 1	NADIA	Krishnanagar	1736	1817	1817	100.00	0.0	0	650	99.39	4	
Santipur         2629         2644         100.00         0         2454         100.00           Baranagar         1355         516         100.00         0         752         1852         100.00           Barackpore         2115         335         300         89.55         0         35         300         100.00           Bhatpara         2346         1618         1574         97.28         44         0         1361         86.47           Halisahar         4502         163         100.00         0         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Khardah         908         360         0         0         163         100.00         99.72	Santipur         2629         2644         100.00         0         2454         100.00           Baranagar         1355         516         106.00         0         752         1852         100.00           Barackpore         2115         335         300         89.55         0         35         300         100.00           Bhatpara         2346         1618         1574         97.28         44         0         1361         86.47           Halisahar         4502         163         100.00         0         0         1361         86.47           Kamarhati         2621         342         106.00         0         0         163         100.00           Kanchrapara         1366         704         100.00         0         0         163         100.00           Khardah         908         208         208         100.00         0         0         99.72         99.72		NADIA	Nabadwip	2454	2454	7704	100.00	0	0	1656	91.14	161	
Baranagar         1355         516         100.00         0         752         1852         100.00           Barrackpore         2115         335         300         89.55         0         35         300         100.00           Bhatpara         2346         1618         1574         97.28         44         0         1361         86.47           Halisahar         4502         163         100.00         0         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Khardah         908         704         100.00         0         0         289         96.33	Baranagar         1355         516         100.00         0         752         1852         100.00           Barrackpore         2115         335         300         89.55         0         35         300         100.00           Bhatpara         2346         1618         1574         97.28         44         0         1361         86.47           Halisahar         4502         163         100.00         0         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Kanchrapara         1366         704         704         100.00         0         0         289         96.33           Khardah         908         208         208         100.00         0         0         99.72         99.72		NADIA	Santipur	2679	2504	7,00	100.00	0	0	2454	100.00	0	
Barrackpore         215         35         300         616         0         516         100.00           Bhatpara         2346         1618         1574         97.28         0         35         300         100.00           Halisahar         4502         163         100.00         0         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Khardah         408         704         100.00         0         0         289         96.33           Khardah         408         200         0         702         99.72	Barrackpore         215         316         100.00         0         516         100.00         100.00           Bhatpara         2346         1618         1574         97.28         0         35         300         100.00           Halisahar         4502         163         100.00         0         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Khardah         908         208         208         100.00         0         0         289         96.33           Khardah         908         208         208         100.00         0         0         99.72         99.72	1	NORTH 24-PGS	Baranagar	1366	4007	1852	71.12	0	752	1852	100.00	0	
Bhatpara         2115         335         300         89.55         0         35         300         100.00           Bhatpara         2346         1618         1574         97.28         44         0         1361         86.47           Halisahar         4507         163         100.00         0         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Khardah         408         704         100.00         0         0         289         96.33           Khardah         408         200         0         0         702         99.72	Bhatpara         2115         335         300         89.55         0         35         300         100.00           Bhatpara         2346         1618         1574         97.28         44         0         1361         86.47           Halisahar         4507         163         100.00         0         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Khardah         908         208         208         100.00         0         0         99.72         99.72	1	NORTH 24-PGC	Day of the second	1333	516	516	100.00	0	0	516	100.00	0	
Bhatpara         2346         1618         1574         97.28         44         0         1361         86.47           Garulia         1323         222         222         100.00         0         0         222         100.00           Halisahar         4502         163         100.00         0         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         289         96.33           Khardah         908         200         0         0         702         99.72	Bhatpara         2346         1618         1574         97.28         44         0         1361         86.47           Garulia         1323         222         222         100.00         0         0         222         100.00           Halisahar         4507         163         100.00         0         0         163         100.00           Kamarhati         2621         342         300         87.72         42         0         289         96.33           Khardah         908         208         208         100.00         0         0         99.72	1	COLLEG DESCON	parrackpore	2115	335	300	89.55	0	35	300	00000		
Garulia         1323         222         222         100.00         0         0         222         100.00           Halisahar         4502         163         163         100.00         0         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         289         96.33           Khardah         408         200         0         0         702         99.72	Garulia         1323         222         222         100.00         0         0         222         100.00           Halisahar         4502         163         163         100.00         0         0         163         100.00           Kamarhati         2621         342         300         87.72         42         0         289         96.33           Khardah         908         208         208         100.00         0         0         99.72         99.72	1	NOATH 24-PGS	Bhatpara	2346	1618	1574	97.28	44	C	1361	200.00		
Halisahar         4502         163         163         100.00         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Khardah         408         704         100.00         0         0         702         99.72	Halisahar         4502         163         100.00         0         222         100.00           Kamarhati         2621         342         300         87.72         42         0         163         100.00           Kanchrapara         1366         704         704         100.00         0         0         702         99.72           Khardah         908         208         208         100.00         0         0         186         89.42		NOKIH 24-PGS	Garulia	1323	222	222	100.00	C	0 0	TOCT	00.47	213	
Kamarhati         2621         342         300         87.72         42         0         163         100.00           Kanchrapara         1366         704         704         100.00         0         0         289         96.33           Khardah         908         90.72         99.72         99.72	Kamarhati         2621         342         300         87.72         42         0         163         100.00           Kanchrapara         1366         704         704         100.00         0         0         289         96.33           Khardah         908         208         208         100.00         0         0         186         89.42	- 1	NORTH 24-PGS	Halisahar	4502	163	163	100.00			777	100.00	0	
Kanchrapara         1366         704         704         100.00         0         0         289         96.33           Khardah         90.8         90.72         99.72	Kanchrapara         1366         704         704         100.00         0         0         289         96.33           Khardah         908         208         208         100.00         0         0         702         99.72           89.42         96.42         100.00         0         0         186         89.42	- 1	NORTH 24-PGS	Kamarhati	2621	342	300	07.73		0	163	100.00	0	
Khardah 908 200 0 0 702 99.72	Khardah         908         208         208         100.00         0         0         702         99.72           89.42	- 1	NORTH 24-PGS	Kanchrapara	1366	704	200	77.70	42	0	289	96.33	11	
	200 208 100.00 0 0 186 89.42		NORTH 24-PGS	Khardah	808	2000	104	100.00	0	0	702	99.72	2	

302         302         100.00           1000         1000         100.00           440         440         100.00           1232         1232         100.00           2813         2813         100.00           977         977         100.00           1595         1595         100.00           510         510         510           510         510         6562           510         510         6562           510         510         6562	33	NORTH 24-PGS	Naihati	1520	1115	1115	20000						0
NORTH 24-PGS         North Barrackpore         2132         302         302         100.00         0         302         100.00           NORTH 24-PGS         Panihati         4193         1000         1000         100.00         0         985         98.50           NORTH 24-PGS         Titagarh         440         440         100.00         0         0         985         98.50           Purba BARDDHAMAN         Katwa         832         1232         103.00         0         0         409         92.95           PURBA MEDINIPUR         Haldia         2813         2813         100.00         0         0         1232         100.00           SOUTH 24-PGS         Budge Budge         2707         977         100.00         0         0         756         81.47           SOUTH 24-PGS         Diamond Harbour         896         1595         100.00         0         0         756         81.47           SOUTH 24-PGS         Maheshtala         45658         6562         6562         100.00         0         0         1595         100.00           SOUTH 24-PGS         Pujali         716         510         0         0         510         0 <td< td=""><td></td><td></td><td></td><td></td><td>0</td><td>CTTT</td><td>100.00</td><td>0</td><td>0</td><td>428</td><td>38.39</td><td>687</td><td></td></td<>					0	CTTT	100.00	0	0	428	38.39	687	
NORTH 24-PGS         Panihati         4193         1000         100.00         0         985         100.00           NORTH 24-PGS         Titagarh         440         440         100.00         0         0         985         98.50           Purba BARDDHAMAN         Katwa         832         1232         1232         100.00         0         0         409         92.95           PURBA MEDINIPUR         Haldia         2813         2813         1232         100.00         0         0         2549         90.55           SOUTH 24-PGS         Budge Budge         2707         977         100.00         0         0         756         81.47           SOUTH 24-PGS         Diamond Harbour         896         1595         100.00         0         0         756         81.47           SOUTH 24-PGS         Maheshtala         4568         6562         6562         100.00         0         0         1596         100.00           SOUTH 24-PGS         Pujali         716         510         510         0         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00         0         100.00	T	NORTH 24-PGS	North Barrackpore		302	302	100.00	0	c	000			
NORTH 24-PGS         Titagarh         440         440         100.00         0         0         98.50         98.50         98.50           Purba BARDDHAMAN         Katwa         832         1232         1232         100.00         0         0         409         92.95           PURBA MEDINIPUR         Haldia         2813         2813         1232         100.00         0         0         2549         90.62           SOUTH 24-PGS         Budge Budge         2707         977         977         100.00         0         0         756         81.47           SOUTH 24-PGS         Diamond Harbour         896         1595         1595         100.00         0         0         756         81.47           SOUTH 24-PGS         Maheshtala         45628         6562         100.00         0         0         1595         100.00           SOUTH 24-PGS         Pujali         716         510         510         0         0         160.00         0         160.00         160.00         160.00         160.00         160.00         160.00         160.00         160.00         160.00         160.00         160.00         160.00         160.00         160.00         160.00		NORTH 24-PGS	Panihati	4193	1000	0000			,	202	100.00	0	
Purba BARDDHAMAN         Katwa         440         440         100.00         0         0         409         92.95           PURBA MEDINIPUR         Katwa         832         1232         1232         100.00         0         0         1232         100.00           SOUTH 24-PGS         Budge Budge         2707         977         977         100.00         0         0         2549         90.62           SOUTH 24-PGS         Diamond Harbour         896         1595         1595         100.00         0         0         796         81.47           SOUTH 24-PGS         Maheshtala         45658         6562         100.00         0         0         1596         100.00           SOUTH 24-PGS         Pujali         716         510         510         0         0         1596         100.00		SOO AC LITRON		1	7000	1000	100.00	0	0	985	08 60	15	
Katwa         832         1232         1232         100.00         0         0         409         92.95           Haldia         2813         1232         100.00         0         0         1232         100.00           Budge Budge         2707         977         977         100.00         0         0         2549         90.62           Diamond Harbour         896         1595         1595         100.00         0         0         796         81.47           Maheshtala         45658         6562         100.00         0         0         1595         100.00           Pujali         716         510         510         100.00         0         1661         16.17           Pujalis         716         510         100.00         0         0         106.1         16.17           A 10353         62692         60818         97.01         877         697         576.23         656.7	T	100 I 1 24-PG3	litagarh	440	440	440	10000		-		00:00	15	
Katwa         832         1232         100.00         0         1232         100.00           Haldia         2813         2813         100.00         0         0         2549         90.62           Budge Budge         2707         977         100.00         0         796         81.47           Diamond Harbour         896         1595         100.00         0         796         81.47           Maheshtala         45658         6562         100.00         0         1595         100.00           Pujali         716         510         510         100.00         0         1661         16.17           Pujali         716         6562         100.00         0         0         106.10         16.17           Pujali         716         510         510         100.00         0         510         100.00							TOO:00	0	0	409	92.95	31	
Haldia         2813         2813         100.00         0         2549         100.00           Budge Budge         2707         977         100.00         0         0         7549         90.62           Diamond Harbour         896         1595         100.00         0         0         796         81.47           Maheshtala         45658         6562         100.00         0         0         106.1         16.17           Pujali         716         510         100.00         0         0         106.1         16.17           Pujalis         716         510         100.00         0         0         510         100.00           Pujalis         716         510         50         0         510         100.00         50	-	ruiga BAKDUHAMAN		832	1232	1232	100.00	0	0	2021	0000		
Budge Budge         2707         977         100.00         0         0         2549         90.62           Diamond Harbour         896         1595         1595         100.00         0         0         796         81.47           Maheshtala         45658         6562         100.00         0         0         1595         100.00           Pujali         716         510         510         100.00         0         510         16.17           Apujali         210353         62692         60818         97.01         877         947         57532         65 57		PURBA MEDINIPUR	Haldio	2017	0.00				2	7577	100.00	0	
Budge Budge         2707         977         977         100.00         0         2549         90.62           Diamond Harbour         896         1595         1595         100.00         0         796         81.47           Maheshtala         45658         6562         100.00         0         0         1595         100.00           Pujali         716         510         100.00         0         0         1661         16.17           Antiali         716         510         100.00         0         0         510         100.00           Antiali         716         510         500         0         510         100.00         500	Ť		Biologia	5707	2813	2813	100.00	0	<	0.00			
Diamond Harbour         896         1595         100.00         0         0         796         81.47           Maheshtala         45658         6562         100.00         0         0         1595         100.00           Pujali         716         510         510         100.00         0         0         1061         16.17           Aliasi         62692         60818         97.01         877         997         57522         65522	-	SOUTH 24-PGS	Budge Budge	7707	720	1100				2549	90.62	264	
Diamond Harbour         896         1595         100.00         0         0         1595         100.00           Maheshtala         45658         6562         100.00         0         0         1061         16.17           Pujali         716         510         510         100.00         0         0         510         100.00           210353         62692         60818         97.01         877         997         57522         05.51	-				115	116	100.00	0	0	962	81.47	101	
Mahreshtala         45658         6562         6562         100.00         0         0         1595         100.00           Pujali         716         510         510         100.00         0         0         1061         16.17           210353         62692         60818         97.01         877         997         57522         65 57	_		Diamond Harbour	968	1595	1505	00000	(			74.70	181	
Maheshtala         45658         6562         6562         100.00         0         0         1061         16.17           Pujali         716         510         510         100.00         0         0         510         100.00           210353         62692         60818         97.01         877         997         57522         05 510	+					1	700.00	0	0	1595	100.00	0	
Pujali         716         510         510         100.00         0         0         106.17           210353         62692         60818         97.01         877         997         57.522         0.5 5.0	-+	SUUTH 24-PGS	Maheshtala	45658	6562	6553	20000						
Output         716         510         510         100.00         0         0         510         100.00           210353         62692         60818         97.01         877         997         53633         95.54	_	SOUTH 24-PGS	D I			7000	100.00	0	0	1061	16.17	5501	
62692 60818 97.01 877 997 53632 of 5.0	+	2001	rujali	716	510	510	100.00	0				TOCC	
877 997 57523 of r.	_			210252	20000				0	210	100.00	0	
	i			210333	75070	60818	97.01	877	200	53633	00 - 4	10.00	

86.54

SI No	District	ULB	Initial Target	Revised Target	Constructed under MNB	other than MNB	Construction Ongoing	Yet to Start	Remarks
1	HOOGHLY	Baidyabati	40	40	40	0	0	0	
2	HOOGHLY	Bansberia	9	9	9	0	0	0	
3	HOOGHLY	Bhadreswar	0	0	0	0	0	0	
4	HOOGHLY	Champdany	13	13	13	0	0	0	
5	HOOGHLY	Chandannagore MC	5	5	0	0	0	5	-
6	HOOGHLY	Hooghly Chinsurah	10	10	10	0	0	0	
7	HOOGHLY	Konnagar	0	0	0	0	0	0	
8	HOOGHLY	Rishra	2	2	2	0	0	0	
9	HOOGHLY	Serampore	12	12	12	0	0	0	
10	HOOGHLY	Uttarpara Kotrung	0	0	0	0	0	0	
11	HOWRAH	Howrah MC	210	465	450	15	0	0	
12	HOWRAH	Uluberia	33	33	30	0	3	0	
13	KOLKATA	Kolkata MC	769	769	573	0	46	150	
14	MURSHIDABAD	Berhampore	18	18	0	18	0	0	
15	MURSHIDABAD	Dhulian	47	47	0	0	0	47	
16	MURSHIDABAD	Jangipur	2	2	0	2	0	0	
17	MURSHIDABAD	Jiaganj-Azimganj	14	14	0	0	0	14	
18	MURSHIDABAD	Murshidabad	18	18	0	0	0	18	
19	NADIA	Chakdah	33	33	0	33	0	0	
20	NADIA	Gayeshpur	0	0	0	0	0	0	
21	NADIA	Kalyani	0	0	0	0	0	0	
22	NADIA	Krishnanagar	4	4	0	4	0	0	
23	NADIA	Nabadwip	0	0	0	0	0	0	
24	NADIA	Santipur	0	0	0	0	0	0	
25	NORTH 24-PGS	Baranagar	26	26	25	0	1	0	
26	NORTH 24-PGS	Barrackpore	0	0	0	0	0	0	
27	NORTH 24-PGS	Bhatpara	10	10	0	0	0	10	
28	NORTH 24-PGS	Garulia	0	0	0	0	0		
29	NORTH 24-PGS	Halisahar	14	14	14	0	0	0	
30	NORTH 24-PGS	Kamarhati	0	0	0	0		0	
31	NORTH 24-PGS	Kanchrapara	30	30	30	0	0	0	
32	NORTH 24-PGS	Khardah	0	0	0	0	0	0	
33	NORTH 24-PGS	Nalhati	0	0	0	0	0	0	
34	NORTH 24-PGS	North Barrackpore	0	0	0	0	0	0	
35	NORTH 24-PGS	Panihati	0	0	0	0	0	0	
36	NÓRTH 24-PGS	Titagarh	0	0	0	0	0	0	
37	Purba BARDDHAMAN	Katwa	20	18	10	0	0	8	
38	PURBA MEDINIPUR	Haldia	0	0	0	0	0	0	
39	SOUTH 24-PGS	Budge Budge	18	18	18	0	0		
40	SOUTH 24-PGS	Diamond Harbour	8	21	0	13		0	
11	SOUTH 24-PGS	Maheshtala	0	0	0	0	0	8	
12	SOUTH 24-PGS	Pujali	0	0	0	0	0	0	
				1631	1236	85	50	260	

SINO	District	ULB	Initial Target	Revised Target	Constructed under MNB	Constructed other than MNB	Construction Ongoing	Yet to Start	Remarks
1	HOOGHLY	Baidyabati	5	23	0	0	0	23	
2	HOOGHLY	Bansberia	0	0	0	0	0	0	
3	HOOGHLY	Bhadreswar	22	22	15	0	7	0	
4	HOOGHLY	Champdany	20	28	0	0	20	8	
5	HOOGHLY	Chandannagore MC	0	0	0	0	0	0	-
6	HOOGHLY	Hooghly Chinsurah	10	10	0	6	0	4	
7	HOOGHLY	Konnagar	0	0	0	0	0	0	
8	HOOGHLY	Rishra	0	0	0	0	0	0	
9	HOOGHLY	Serampore	3	3	0	0	0	3	
10	HOOGHLY	Uttarpara Kotrung	0	0	0	0	0	0	
11	HOWRAH	Howrah MC	200	206	50	12	120	24	
12	HOWRAH	Uluberia	0	0	0	0	0	0	
13	KOLKATA	Kolkata MC	0	0	0	0	0	0	
14	MURSHIDABAD	Berhampore	2	25	1	24	0	0	
15	MURSHIDABAD	Dhulian	47	47	0	0	0	47	
16	MURSHIDABAD	Jangipur	7	7	0	7	0	0	
17	MURSHIDABAD	Jiaganj-Azimganj	0	0	0	0	0	0	
18	MURSHIDABAD	Murshidabad	0	0	0	0	0	0	
19	NADIA	Chakdah	5	5	0	5	0		
20	NADIA	Gayeshpur	0	0	0	0		0	
21	NADIA	Kalyani	12	0	0	0	0	0	
22	NADIA	Krishnanagar	13	13	0	13	0	0	
23	NADIA	Nabadwip	40	40	0	40		0	
24	NADIA	Santipur	10	10	0	10	0	0	
25	NORTH 24-PGS	Baranagar	0	0	0	0	0	0	
26	NORTH 24-PGS	Barrackpore	0	0	0	0	0	0	
27	NORTH 24-PGS	Bhatpara	32	32	0	25	0	0	
28	NORTH 24-PGS	Garulia	0	0	0	0	0	7	
29	NORTH 24-PGS	Halisahar	3	3	0	3	0	0	
30	NORTH 24-PGS	Kamarhati	0	0	0	0	0	0	
31	NORTH 24-PGS	Kanchrapara	0	0	0	0	0	0	
32	NORTH 24-PGS	Khardah	0	0	0			0	
33	NORTH 24-PGS	Naihati	0	0	0	0	0	0	
34	NORTH 24-PGS	North Barrackpore	0	0	0	0	0	0	
35	NORTH 24-PGS	Panihati	0	0	0	0	0	0	
36	NORTH 24-PGS	Titagarh	0	10	0	10	0	0	
37	Purba BARDDHAMAN	Katwa	10	6	0	6	0	0	
8	PURBA MEDINIPUR	Haldia	0	0	0	0	0	0	
9	SOUTH 24-PGS	Budge Budge	8	8	8		0	0	
0	SOUTH 24-PGS	Diamond Harbour	13	24	0	0	0	0	
1	SOUTH 24-PGS	Maheshtala	11	0	0	0	0	13	
2	SOUTH 24-PGS	Pujali	1	0	0	0	0	0	
			474	522	74	172	147	0 129	

75 ODF 17 19.3 42 " 7.4. target in ODF + - all STP should work. FSSM poling should be time Septic tank identy terror of ald be tank. Feared motor should be tromputed throng GPJ matters Subunt a chion Plan for ODF ++ for garge town by 31.3.2020. Horandow worth Horandow worth monte, monte y chall work. City win - Total Worte En Ho jor got cfd bonde flont should be theme 12 Sindal M. B.u. Nortati- ENP Clear ofer Sexum + Expedor clear of or All dumpake should be cleared. MIS bostary till alm resedmonly. -) fro M -) for gongo cities Call ocram to be by loading terrory Prepara fine bound Action Plan.

### তাম্রলিপ্ত পৌরসভা OFFICE OF THE COUNCILLORS OF TAMRALIPTA MUNICIPALITY

স্থাপিত - ১৮৬৪ 💠 Estd. - 1864

তমলুক - পূর্ব মেদিনীপুর - ৭২১৬৩৬ 💠 TAMLUK - PURBA MEDINIPUR - 721636

Web: www.tamlukmunicipality.org � e-mail : chairman@tamlukmunicipality.org

Phone:- (03228) 266007 / 267370 , Fax - (03228) 267370

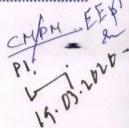
প্রেরক From পৌর প্রধান Chairman তাম্রলিপ্ত পৌরসভা Tamralipta Municipality প্রতি To:



শ্মারক/পত্রান্ধ নং Memo No. 1330 তারিখ, তমলুক

Dated Tamluk, The. 29. 02.2020





The Director,
State Urban Development Agency,
ILGUS Bhavan,
H.C. Block, Sector- III,
Bidhannagar, Kolkata- 700091.

Sub: Prayer for sanctioning the fund for construction of Screening Arrangement across the drain in different wards within Tamralipta Municipality.

Sir,

With reference to the above, I am sending herewith the drawing and vetted estimate amounting to Rs.- 7,51,753.00 (Rupees seven lakh fifty one thousand seven hundred fifty three) only, for your kind perusal.

I also undertake "Certified that the e-tender norms of the State Govt. as specified in Finance Department memo No.- 3060-F(y) dated 11.06.2014 and 3112-F(y) dated 13.06.2014 are being followed by the organization for its procurements".

Under the above circumstances, you are requested to sanction the fund for the purpose as early as possible.

Thanking you, Enclo: As stated above.

NE S. Challyin

Yourş faithfully,

(Sri R.N. Sen) Chairman, Tamralipta Municipality.

### ABSTRACT

SI.	Description of Work	Amount Rs.
1	Constructrion of screening arrangement across the drain at Sayedpur in Ward No 02, at Ratnali and Radhaballavpur in Ward No 03 (drain No 01 & 02)	2,04,055.00
	(a) Constructrion of screening arrangement across the drain at Sayedpur in Ward No 02, at Ratnah in Ward No 03. Rs 1,35,660.00	
	(b) Constructrion of screening arrangement across the drain at Radhaballavpur in Ward No. 03. Rs 68,395.00	
2	Constructrion of screening arrangement across the drain at Padumbasan in Ward No 05, at U.C. Sankarara in Ward No 14, at Salgechia in Ward No 17, at Daharpur in Ward No 16, at Dharinda in Ward No 20 (drain No 03, 04, 06, 07 & 10)	1,71,068.00
	(a) Constructrion of screening arrangement across the drain at Padumbasan in Ward No 05. Rs 19,048.00	
	(b) Constructrion of screening arrangement across the drain at U.C. Sankarara in Ward No. 14. Rs 19,048.00	
	(c) Constructrion of screening arrangement across the drain at Salgechia in Ward No 17. Rs 19,048.00	
	(d) Constructrion of screening arrangement across the drain at Daharpupr & Dharinda in Ward No 16 & 20. Rs 94,876.00	
	(e) Constructrion of screening arrangement across the drain at Sankarara in Ward No 17. Rs 19,048.00	
3	Constructrion of screening arrangement across the drain at D.C. Sankarara in Ward No15, 18 & 19 (drain No05)	1,86,878.00
4	Constructrion of screening arrangement across the drain at D.C. Sankarara in Ward No15, 18 & 19 (drain No 08 & 09)	1,89,752.00
	(a) Constructrion of screening arrangement across the drain at Kapasberia in Ward No 19. Rs 94,876.00	
	(b) Constructrion of screening arrangement across the drain at Kapasberia in Ward No 19. Rs 94,876.00	
	TOTAL AMOUNT RS	7,51,753.00

180000 8

K. PANJA Sub-Assistant Engineer Tamralipta Municipality Junior Engineer, Junior Engineer, Junior Engineer, Junior Engineer, Junior Engineer, Tamluk East Medinipur Tamluk (M E. Dte) Tamluk Govl of West Bengal

My 28.1.2020

Assistant Engineer,
East Medinipur Division
East Medinipur Division
(M.E. Dte.) Tamluk
Govt. of West Bengal

8/1/2020

Executive Engineer, East Midnapur Division M.E. Directorate Govt.of West Bengal

### TAMRALIPTA MUNICIPALITY

TAMLUK :: PURBA MEDINIPUR

DETAIL MEASUREMENTS AND CALCULATIONS

Detailed Estimate No. ::-Name of works ::-

for the year 200 to 200

### Estimate for Construction of Screening arrangement across the drain at Sayedpur in Ward No -02 & at Ratnali in Ward No - 03, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
1	Page No - 01, Item No - 02		1						
	Earth work in excavation of four (including mixed soil spreading of directed. The item includes an required complete.  a) Depth of excavation not exceed	r stacking d rammi	g the ng the	spoils withi e Bottomba	na lead of ailing out	75m. as water as			
		Cum	4	1,200		0.650	3 74	2.87	
		Cum	4	1 200		0.900		3.97	
	Total Qty.	Cum	7	++200	1200	0.900			8/5.8
2	Page No - 02, Item No - 04	Cum					8.92		1063.89
	As directed and consolidating san complete, including the cost of s measurement of finished quantity a) Do-by fine sand	upply of	rough sand	saturation value (Payment	t to be	made on	- 0 /		
		Cum	4	1.200			0.43		170 21
	Total Qty.	Cum					0.43		233.71
3	Page No - 23, Item No - 01	ate an	a la sal	100			0.3		200.1
	Cement concrete with graded Jhar In ground floor and foundation. (a) 6:3:1 proportion	na Khoa	(30mn	size) excl	uding shut	tering.			
		0	1	1.05			0.33	3	
	Total Oh.	Cum	4	1.200	1.200	0.075	0.43	430687	1421-27
4	Total Qty.	Cum		•			0.43		1908.77
	Page No - 26, Item No - 10 Ordinary Cement concrete (mix 1: size) excluding shuttering and rerelevant IS codes	Rate ( 1.5:3) with einforcem	grad	ed stone ch	ips (20 mn round floo	n nominal or as per	0.33		
		Cum	4	1.050	1.050	0.300	1.32		
		_		0.700					
		Cum	4	0.700	0.700	0.250	0.49	5541.66	IAD DALL.

### Estimate for Construction of Screening arrangement across the drain at Sayedpur in Ward No -02 & at Ratnali in Ward No - 03, within Tamralipta Municipality (Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

Vo.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
5	Page No - 42 , Item No - 36								L
	Hire and labour charges for shutteri 4m. using approved stout props thickness with required bracing f curved or straight including fitting, works. (up to roof of ground floor) a) 25 mm to 30 mm thick wooden s in charge.  i) In foundation & ground floor.	and the or cond fixing	ick ha crete s and s	ard wood slabs, bear triking out	planks of ns, colum after com	approved ns, lintels pletion of			
		Sqm	16	1.050		0.300	5.04	/	
		Sqm	16	0.700		0.300	2.80		
	Total Qty.	Sqm	10	0.700		0.200	7.84		1607.20
6	Page No - 43, Item No - 40 (Ral		alys	43)			7.04	200.00	1007.20
	distribution bars, stirrups, binde straightening and removal of loose hooking & bending to correct shape 16 gauge black annealed wire at evidirection.  (a) For works in foundation, baseme (i) Tor steel / Mild steel.	rust ( if e, placir ery inter	neces: g in p	sary )cutting roper positing n, complete	g to requision and bi	ite length, nding with awing and			
	;1% of Concrete Qty.	MT					0.142	(	5.87 6927
							U. 142.		
7	Total Qty.	MT					0.142	529 <del>38</del> .20	7517.22
7	Total Qty.  Page No - 101, Item No - 01  M.S. structural works in columns members (e.g. joists, angle, channed SP (6)- 1964 connected to one adesign, direction of Engineer-inches shape and length, fabrication where conforming to IS: 816- 1969 & IS: 10 brand conforming to IS: 816- 1969 & IS: 11 brand conforming to IS: 814- 2004, The rate includes the cost of reflectrodes, gas and hire charge of a work including all incidental chages charges etc.  Which For Structural Works in Roof True specified section weighing less than	beamed section of the record o	s etc. ons co with be implete essary ng ele e, hois eel se and pla s electi where using	with simple forming to racket, gus including botting, octrodes of ting and election, con ants and lalectiv charge.	ole rolled of IS: 226, seets, clear cutting to metal arcapproved rection all sumables bour requires, labour	IS: 808 & ts as per requisite welding make and complete. such as red for the insurance	0.142	52 <del>938</del> .20	7 <del>517</del> .22
	Page No - 101, Item No - 01  M.S. structural works in columns members (e.g. joists, angle, channed SP (6)- 1964 connected to one a design, direction of Engineer-inches shape and length, fabrication where conforming to IS: 816- 1969 & IS: 10 brand conforming to IS:814- 2004, The rate includes the cost of reflectrodes, gas and hire charge of a work including all incidental chages charges etc.	beamed section there arge continuity in the section and the section and the section are section as the section are section are section as the section are	s etc. ons co with be mplete essary ng ele e, hois eel se and pla s electi using / m	with simple for sing and election, con ants and lal ricity charge joists, charge	ole rolled of IS: 226, esets, clea cutting to metal arcapproved rection all sumables bour requires, labour	IS: 808 & ts as per requisite welding make and complete. such as red for the insurance angles of	0.142	52 <del>938</del> .20	7517.22
	Page No - 101, Item No - 01  M.S. structural works in columns members (e.g. joists, angle, channed SP (6)- 1964 connected to one a design, direction of Engineer-inches shape and length, fabrication where conforming to IS: 816- 1969 & IS: 10 brand conforming to IS:814- 2004, The rate includes the cost of reflectrodes, gas and hire charge of a work including all incidental chages charges etc.	beamed section beamed section of the mediage of the	s etc. ons co with be mplete essary ng ele e, hois eel se and pla s electi using / m	with simple nforming to racket, gus including to bolting, octrodes of ting and election, contants and lalificity chargo joists, chargo 2.500	ole rolled of IS: 226, seets, clear cutting to metal arcapproved rection all sumables bour requires, labour	IS: 808 & ts as per requisite welding make and complete. such as red for the insurance angles of	168.00	52 <del>938</del> .20	7517.22
	Page No - 101, Item No - 01  M.S. structural works in columns members (e.g. joists, angle, channed SP (6)- 1964 connected to one a design, direction of Engineer-inches shape and length, fabrication where conforming to IS: 816- 1969 & IS: 10 brand conforming to IS:814- 2004, The rate includes the cost of reflectrodes, gas and hire charge of a work including all incidental chages charges etc.	beamed section nother for arge continuity of the section of the se	s etc. ons co with be mplete essary ng ele e, hois eel se and pla s electi using / m 4	with simple forming to racket, gus including bolting, octrodes of ting and election, con ants and lal ricity charge joists, charge 2.500	ole rolled o IS: 226, ssets, clea cutting to metal arc approved a rection all sumables bour requires, labour	IS: 808 & ts as per requisite welding make and complete. such as red for the insurance angles of 16.800 16.800	168.00 84.00	52 <del>938</del> .20	7517.22
	Page No - 101, Item No - 01  M.S. structural works in columns members (e.g. joists, angle, channed SP (6)- 1964 connected to one a design, direction of Engineer-inches shape and length, fabrication where conforming to IS: 816- 1969 & IS: 10 brand conforming to IS:814- 2004, The rate includes the cost of reflectrodes, gas and hire charge of a work including all incidental chages charges etc.	beamed section beamed section of the reconstruction of the reconst	s etc. ons co with be mplete essary ng ele e, hois eel se and pla s electi using / m	with simple forming to racket, gus including bolting, octrodes of ting and election, con ants and lal ricity charge joists, charge 2.500  4.815	ole rolled o IS: 226, ssets, clea cutting to metal arc approved rection all sumables bour requir es, labour	IS: 808 & ts as per requisite welding make and complete. such as red for the insurance angles of 16.800 16.800	168.00 84.00 80.89	52938.20	7517.22
	Page No - 101, Item No - 01  M.S. structural works in columns members (e.g. joists, angle, channed SP (6)- 1964 connected to one a design, direction of Engineer-inches shape and length, fabrication where conforming to IS: 816- 1969 & IS: 10 brand conforming to IS:814- 2004, The rate includes the cost of reflectrodes, gas and hire charge of a work including all incidental chages charges etc.	beamed section beamed section of the reconstruction of the reconst	s etc. ons co with be mplete essary ng ele e, hois eel se and pla s electi using / m 4 2 1	with simple forming to racket, gus including bolting, octrodes of ting and election, con ants and lal ricity charge 2.500 2.500 4.815	ole rolled o IS: 226, ssets, clea cutting to metal arc approved a rection all sumables bour requires, labour	IS: 808 & ts as per requisite welding make and complete. such as red for the insurance angles of 16.800 16.800 16.800	168.00 84.00 80.89 73.52	52 <del>938</del> .20	7517.22
	Page No - 101, Item No - 01  M.S. structural works in columns members (e.g. joists, angle, channed SP (6)- 1964 connected to one a design, direction of Engineer-inches shape and length, fabrication where conforming to IS: 816- 1969 & IS: 10 brand conforming to IS:814- 2004, The rate includes the cost of reflectrodes, gas and hire charge of a work including all incidental chages charges etc.	beamed section beamed section of the recognition of	s etc. ons co with be mplete essary ng ele e, hois eel se and pla s electi using / m 4 2	with simple forming to racket, gus including bolting, ctrodes of ting and election, con ants and lal ricity charge joists, charge 2.500 2.500 4.815 4.376 1.920	ole rolled o IS: 226, ssets, clea cutting to metal arc approved rection all sumables bour requir es, labour	IS: 808 & ts as per requisite welding make and complete. such as red for the insurance angles of 16.800 16.800 16.800 16.800	168.00 84.00 80.89 73.52 64.51	52938.20	7517.22
	Page No - 101, Item No - 01  M.S. structural works in columns members (e.g. joists, angle, channed SP (6)- 1964 connected to one a design, direction of Engineer-inches shape and length, fabrication where conforming to IS: 816- 1969 & IS: 10 brand conforming to IS:814- 2004, The rate includes the cost of reflectrodes, gas and hire charge of a work including all incidental chages charges etc.	beamed section beamed section of the reconstruction of the reconst	s etc. ons co with be mplete essary ng ele e, hois eel se and pla s electr using / m 4 2 1 1 2	with simple forming to racket, gus including to bolting, octrodes of ting and election, contants and lairicity charge 2.500 2.500 4.815	ole rolled o IS: 226, ssets, clea cutting to metal arc approved rection all sumables bour requir es, labour	IS: 808 & ts as per requisite welding make and complete. such as red for the insurance angles of 16.800 16.800 16.800 16.800 16.800 16.800 16.800	168.00 84.00 80.89 73.52	52938.20	7517.22

Page-10

Estimate for Construction of Screening arrangement across the drain at Sayedpur in Ward No -

02 & at Ratnali in Ward No - 03, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

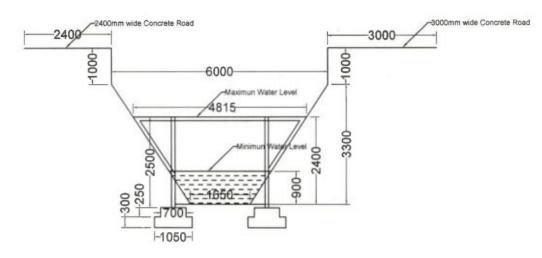
SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount			
8	Page No - 104, Item No - 12  M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  In ground floor.											
9	4x0.5  Total Qty. Page No -45, Item No -06 16-21  Cleaning the exposed reinforcement applying two coats of polymer based removing the coating and then applications of the projective protective coating formulating page 18-18-18-18-18-18-18-18-18-18-18-18-18-1	prefer trust r ying tw ted to	ably u emovi vo (2) inhibit	seho pto full dia ng compo coats of p the corros	ameter by wund left for polymer mosion of rein	35.000 vire brush, 24 hours, dified anti forcement	237.00 675.00 556.6 Provide	66.99 1 88.2				
	as per manufacturer's specification] [ area of reinforcement shall be consident Total Qty.		or payr 2		2.500		13.00 7.00 20.00	3·39 506 7 <del>85.0</del> 0				
	Add @ 12.00% SGST(6%) & CGST(6	6%)	Total				Rs Rs	Rs.	1 16 468.65			
	Add @ 1.00% Labour welfare Cess Add @ 3.00% Contengensis Total						Rs Rs	3913	26 3896.04			
Tami	K. PANJA Assistant Engineer Chairma Tamralipta Municipality		у	(	Repus on Six		Rs.	135660	135062.81 10 135063.00 10 135063.00			
	Junior Engineer, St Mediniput Division Tamluk M.E. of West Rengal East M	tant Eiledinipu	IZ IT	ion	Executive	2/12/	on al					

Assistant Engineer, East Medinipur Division (M.E. Dte.) Tamluk Govt. of West Bengal

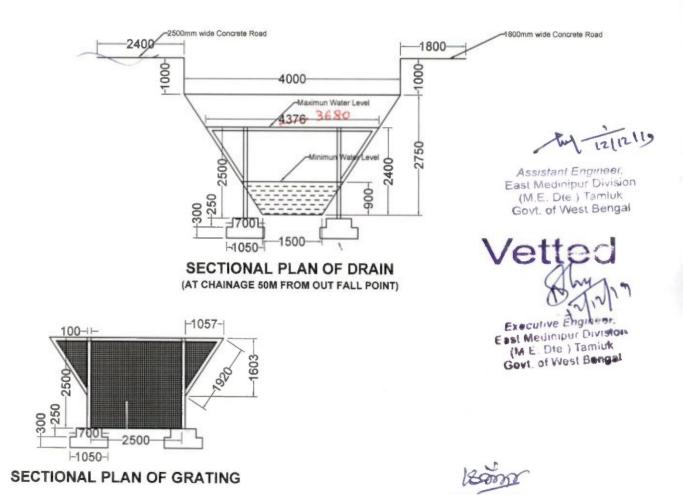
Govt. of West Rengal

Page-11

### CROSS SECTION OF DRAIN - 1 AT SAYEDPUR IN WARD NO - 02 & RATNALI IN WRAD NO - 03 WITHIN TAMRALIPTA MUNICIPALITY



#### SECTIONAL PLAN OF DRAIN (AT CHAINAGE 50M FROM OUT FALL POINT)



Sub-Assistant Engineer Tamralipta Municipality

### TAMRALIPTA MUNICIPALITY

Page-12 Drain-2

TAMLUK :: PURBA MEDINIPUR
DETAIL MEASUREMENTS AND CALCULATIONS

Detailed Estimate No. ::-Name of works ::-

for the year 200 to 200

# Estimate for Construction of Screening arrangement across the drain at Radhaballavpur in Ward No - 03, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
1	Page No - 01, Item No - 02					2000			32
	Earth work in excavation of found (including mixed soil spreading or sidirected. The item includes and required complete.	stacking rammi	g the ng the	spoils withi	na lead of	75m. as			
	a) Depth of excavation not exceeding	1500r	nm.	1:05	1.05		1.42		
		Cum	2	1.200	1.200	0.650			
		Cum	2	1.200	1.200	0.900	2.59	1.98	406.71
2	Total Qty. Page No - 02, Item No - 04	Cum		1.05	1.02		4.46 341	119.27	531.94
	As directed and consolidating same complete, including the cost of sup measurement of finished quantity).  a) Do-by fine sand  Total Qty.	ply of  Cum  Cum	sand 2	1. (Paymen	1 200	made on 0.075	0-16	543.51	86.96 119.57
3	Page No - 23, Item No - 01						0-16	040.01	119.37
	Cement concrete with graded Jhama In ground floor and foundation. (a) 6:3:1 proportion	Khoa (	(30mm	n size) excl			0-14		
		Cum	2	1.200	1.200	0.075	0.22	4306.87	189.11
	Total Qty.	Cum					0.22	4439.00	976.58
4	Page No - 26, Item No - 10						0.16		
	Ordinary Cement concrete (mix 1:1.5 size) excluding shuttering and rein relevant IS codes	:3) with forcem	grade ent if	ed stone ch any, in g	ips (20 mm round floo	n nominal r as per			
		Cum	2	1.050	1.050	0.300	0.66		
		Cum	2	0.700	0.700	0.250	0.25	Antonio	SALLO
	Total Qty.	Cum				110000000	0.91	5541.66 5777.32	5041.9/ 6257.36

#### Estimate for Construction of Screening arrangement across the drain at Radhaballavpur in Ward No - 03, within Tamralipta Municipality

Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018.)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
5	Page No - 42 , Item No - 36				*				
	Hire and labour charges for some state of the curved or straight including works. (up to roof of ground for the curved or straight of a particular shall be taken as 4m. and allowed under 12(e) for every a) 25 mm to 30 mm thick works in charge.  i) In foundation & ground floor	props and the cing for conditing, fixing loor) cular floor is mextra for world 4m, or part the coden shuttering	ick hards and s nore the ks be- ereof.	ard wood slabs, bear striking out nan 4m. the yod the init	planks of ms, colum after com e equivaler tial 4m. ht.	approved ns, lintels pletion of nt floor ht. Shall be			
		Sqm	8	1.050	1	0.300	2.52		
		Sqm	8	0.700		0.250			
	Total Qty.	Sqm		0.700		0.200	3.92		803.60
6	Page No - 43 , Item No - 40	Rate and	lus	1'c			0.02	200.00	003.00
	straightening and removal of hooking & bending to correct 16 gauge black annealed wire direction.  (a) For works in foundation, but it is not steel / Mild steel.	t shape, placir e at every inter	ng in p rsection	proper position, complete	ion and bi	nding with awing and			
	;1% of Concrete Qty.	MT					0.071	0 770 0 45	011/0 0
	Total Qty.	МТ						48785.87 52938.20	3 463 ·80 3758.61
7	Page No - 101, Item No - 01	and con	n'				555-TAG		
	M.S. structural works in comembers (e.g. joists, angle, SP (6)- 1964 connected to design, direction of Engineershape and length, fabrical conforming to IS: 816- 1969 8 brand conforming to IS:814-The rate includes the cost electrodes, gas and hire charwork including all incidental cocharges etc.  II) For Structural Works in Rospecified section weighing less	channel section one another continuous another cont	ons co with b mpleto essar- ig elec- e, hois eel s and pl s elec-	onforming to pracket, gue including y bolting, strodes of a sting and e ection, cor ants and la cricity charg	o IS: 226, ssets, clea cutting to metal arc pproved m rection all asumables bour requires, labour	IS: 808 & ts as per requisite welding ake and complete. such as red for the insurance			
		Kg	2	2.500		16.800	84.00		
		Kg	1	2.500		16.800	42.00		
		Kg	1	4.815		16.800	80.89		
	Total Oty in Ko	Kg	2	1.920		16.800	64.51		
	Total Oty	Kg					271.40	7260310	19675.41
	Total Qty.	MT					0.271	60276.00	16334.80

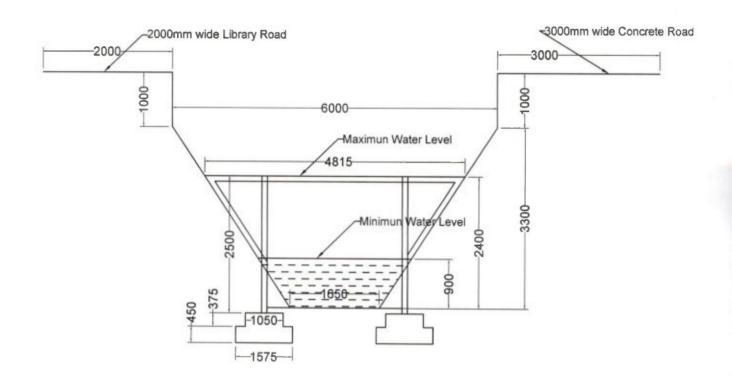
Page-14

# Estimate for Construction of Screening arrangement across the drain at Radhaballavpur in Ward No - 03, within Tamralipta Municipality

Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
8	Page No - 104, Item No - 12 M.S. works in framed gratings of wir frame work or M.S. flats (with the bar without intermediate flat bar stiffer complete, as directed. In ground floor.	rs secu	rely fix	ed to the f	lat bar fran	ne) with or			
		Kg	21	2.500	2.500	35.000	2/8·7 438.00	5	
	4x0.5	Kg	4 20	1.603	1.057	35.000	237.00	59 59	.30
9	Total Qty.  Page No - 45, Item No - 96 [6.2]  Cleaning the exposed reinforcement applying two coats of polymer based removing the coating and then applying corrosive protective coating formula as per manufacturer's specification] area of reinforcement shall be considered.	Kg t prefer d rust i lying to ted to [Mode	rably uremoving (2) inhibit of mea	pto full dia ng compoc coats of p the corros	meter by vind left for olymer mo	24 hours, dified anti	Provide Protect	ing antion co	3 24532
		Sam	11	2.500	2.500		6.00	6.25	
				1.603				1.19	1.010
	Total Qty.	Sqm	- 1	2	. 1.007		9.00	785.00	
			Total				7-90	Rs.	
	Add @ 12.00% SGST(6%) & CGST(	6%)					Rs	7046	22 9697.8
	Total Amount						Rs	65764	70 89673.6
	Add @ 1.00% Labour welfare Cess						Rs	657	65 896.7
	Add @ 3.00% Contengensis						Rs	1972	94 2690.2
	Total						Rs	68395	29 93260.5
Ta	K. PANJA b-Assistant Engineer Chairma mralipta Municipality Tararalipta Mun	n icipalit	у	Re	ipus sir	Say inty eigninety	five) or	68395 namd +	93261.0 Kree hund
	Junior Engineer, Junior	Assisti	12 ant Eng		~	Execution Mer	ive Enginess dinipur Divid Die ) Tamiu di West Beng	non k gal	

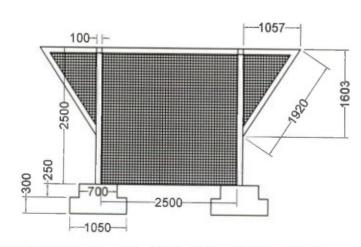
# CROSS SECTION OF DRAIN - 2 AT RADHABALLAVPUR IN WRAD NO - 03 WITHIN TAMRALIPTA MUNICIPALITY



## SECTIONAL PLAN OF DRAIN

(AT CHAINAGE 75M FROM OUT FALL POINT)

Assistant Engineer, East Medinipur Division (M.E. Dte.) Tamluk Govt. of West Bengal



SECTIONAL PLAN OF GRATING

Vetted

Executive Engineer, East Medinipur Division (M.E. Die.) Tamluk Govt. of West Bengal

R. PANJA

K. PANJA
Sub-Assistant Engineer
Tamralipta Municipality

#### TAMRALIPTA MUNICIPALITY

TAMLUK :: PURBA MEDINIPUR

DETAIL MEASUREMENTS AND CALCULATIONS

Detailed Estimate No. ::-Name of works ::- for the year 200 to 200

## Estimate for Construction of Screening arrangement across the drain at Padumbasan in Ward No - 05, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

10.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
1	Page No - 10, Item No - 01	•							
	Dismantling all types of masonry of stacking serviceable materials at lead of 75 m.								
	a) In ground floor including roof.								
		Cum	2	0.150	0.100	1.500	0.05		
2	Total Qty.	Cum					0.05	447.00	22.35
	Page No - 10, Item No - 02	000000							
	Dismantling all types of plain c materials at site and removing rubl In ground floor including roof. (a) upto 150 mm. thick	oish as di	rected	within a lea	ad of 75m.	erviceable			
		Cum	2	1.500	0.150	0.150	0.07		
	Total Qty.	Cum	_	1.500	0.150	0.150			05.70
3	Page No - 26, Item No - 10	Culli					0.07	939.00	65.73
	Ordinary Cement concrete (mix 1: size) excluding shuttering and re	einforcen	nent if	any, in g	round floo	or as per			
	relevant IS codes								
	relevant IS codes	Cum	2	1.500	0.150	0.15		Schill	387.9
	Total Qty.	Cum	2	1.500	0.150	0.15	0.07	5541.66 5777.32	387.9 346.64
1	Total Qty. Page No - 101, Item No - 01	Cum				0.15	0.07 0.06 0.06		- , ,
4	Total Qty.	Cum s, beam nel sectio another narge co with neo 1995 usin , haulage rolled st all tools s such as	s etc. ons co with be implete essary g elect e, hois eel se and pla s electi c. using	with simp nforming to racket, gus e including r bolting, trodes of ap ting and er ection, con ants and lat ricity charge	ole rolled o IS: 226, sets, clea cutting to metal arc oproved ma ection all sumables oour requires, labour	structural IS: 808 & ts as per requisite welding ake and complete. such as red for the insurance	0.06 0.06		- 1
4	Total Qty.  Page No - 101, Item No - 01  M.S. structural works in column members (e.g. joists, angle, chan SP (6)- 1964 connected to one design, direction of Engineer-incl shape and length, fabrication conforming to IS: 816- 1969 & IS: brand conforming to IS:814- 2004 The rate includes the cost of electrodes, gas and hire charge of work including all incidental chage charges etc.  II) For Structural Works in Roof Truster in the structural wor	Cum s, beam nel sectio another narge co with neo 1995 usin , haulage rolled st all tools s such as usses etc n 22.5 kg	s etc. ons co with be implete essary g elect e, hois eel se and pla s elect c using / m	with simp nforming to racket, gus e including, trodes of ap ting and er ection, con ants and lab ricity charge	ole rolled o IS: 226, sets, clea cutting to metal arc oproved ma ection all sumables oour requires, labour	structural IS: 808 & ts as per requisite welding ake and complete. such as red for the insurance	0.06 0.06		387.9
4	Total Qty.  Page No - 101, Item No - 01  M.S. structural works in column members (e.g. joists, angle, chan SP (6)- 1964 connected to one design, direction of Engineer-incl shape and length, fabrication conforming to IS: 816- 1969 & IS: brand conforming to IS:814- 2004 The rate includes the cost of electrodes, gas and hire charge of work including all incidental chage charges etc.  II) For Structural Works in Roof Truster in the structural wor	Cum s, beam nel sectio another s narge co with neo 1995 usin s, haulage rolled st all tools s s such as usses etc n 22.5 kg	s etc. ons co with be implete essary g elect e, hois eel se and pla s elect using / m	with simp nforming to racket, gus e including bolting, trodes of ap ting and er ection, con ants and lat ricity charge g joists, cha	ole rolled o IS: 226, sets, clea cutting to metal arc oproved ma ection all sumables oour requires, labour	structural IS: 808 & ts as per requisite welding ake and complete. such as red for the insurance angles of	0.06 0.06	5777.32	- '
1	Total Qty.  Page No - 101, Item No - 01  M.S. structural works in column members (e.g. joists, angle, chan SP (6)- 1964 connected to one design, direction of Engineer-incl shape and length, fabrication conforming to IS: 816- 1969 & IS: 16 brand conforming to IS:814- 2004 The rate includes the cost of electrodes, gas and hire charge of work including all incidental chage charges etc.  II) For Structural Works in Roof Tri specified section weighing less that	S, beam nel section another marge con with necession process of the control of th	s etc. ons co with be implete essary g elect e, hois eel se and pla s elect c using / m	with simp nforming to racket, gus including bolting, trodes of ap ting and er ection, con ants and lat ricity charge g joists, cha	ole rolled o IS: 226, sets, clea cutting to metal arc oproved ma ection all sumables oour requires, labour	structural IS: 808 & ts as per requisite welding ake and complete. such as red for the insurance	50.40 55.44	5777.32 57./2-	- '
1	Total Qty.  Page No - 101, Item No - 01  M.S. structural works in column members (e.g. joists, angle, chan SP (6)- 1964 connected to one design, direction of Engineer-incl shape and length, fabrication conforming to IS: 816- 1969 & IS: brand conforming to IS:814- 2004 The rate includes the cost of electrodes, gas and hire charge of work including all incidental chage charges etc.  II) For Structural Works in Roof Truster in the structural wor	Cum s, beam nel sectio another s narge co with neo 1995 usin s, haulage rolled st all tools s s such as usses etc n 22.5 kg	s etc. ons co with be implete essary g elect e, hois eel se and pla s elect using / m	with simp nforming to racket, gus e including bolting, trodes of ap ting and er ection, con ants and lat ricity charge g joists, cha	ole rolled o IS: 226, sets, clea cutting to metal arc oproved ma ection all sumables oour requires, labour	structural IS: 808 & ts as per requisite welding ake and complete. such as red for the insurance angles of	0.06 0.06	5777.32 57./2-	- '

Page 19

## Estimate for Construction of Screening arrangement across the drain at Padumbasan in Ward No - 05, within Tamralipta Municipality

ate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
5	Page No - 104, Item No - 12	4			1				
	M.S. works in framed gratings of wiframe work or M.S. flats (with the bawithout intermediate flat bar stiffer complete, as directed.  In ground floor.	rs secu	rely fix	ced to the fl	at bar fram	ne) with or			
		Kg	1	1.500	1.500	35.000	79.00		40 74
	Total Qty. 322	Ka			1.000	00.000	79.00	83.72	5292.21
9	Page No -45, Item No - 06 16-21	RAM	0.1	atP.			19.00	00.00	1446.2
	Cleaning the exposed reinforcement applying two coats of polymer based removing the coating and then app corrosive protective coating formula as per manufacturer's specification] area of reinforcement shall be consider	d rust r lying tw ited to [Mode	emovi o (2) inhibit of mea	ng compouncoats of potential the corrost assurement:	ind left for olymer mo ion of rein	24 hours, dified anti forcement	fres d	ding an	hi cirro
		C		4.500	4.500		22	5	
	Total Qty.	Sqm	1	1.500	1.500		2.00	506.00	1138.5
	Total Qty.	Sqm					2:25	785.00	1570.00
			Total				LUS	Rs.	13686.19
	Add @ 12.00% SGST(6%) & CGST(	6%)					Rs	196238	1642,84
	Total Amount						Rs	18315.37	15328,53
	Add @ 1.00% Labour welfare Cess						Rs	183.16	153.29
	Add @ 3.00% Contengensis						Rs	549.47	
	Total						Rs	19048-20	
	~ ~					Cov		Z	
	10.12.19			(Rupe	s min	Say	magand	19048:00 forty eig	15942.00
	K. PANJA							Truly Rig	nr) only
Sub- Tam	Assistant Engineer Chairman Aralipta Municipality Tamralipta Muni	n icipality							
	otted				1	ett	bo.		

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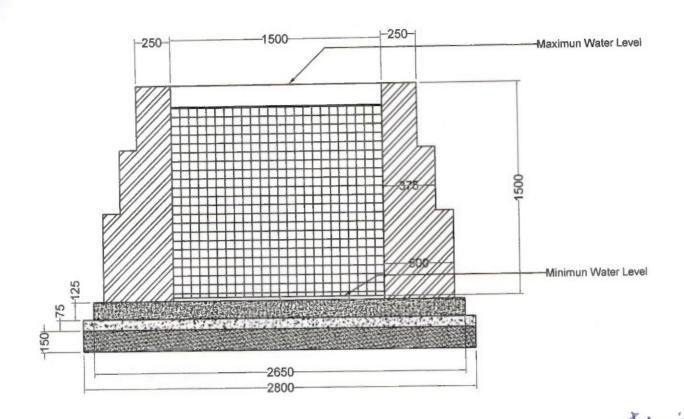
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Assistant Engineer, East Medinipur Division (M.E. Dte.) Tamluk Govt. of West Bengal Vetted

Executive Enginess.
East Medinipur Division
(M.E. Dte.) Tamiuk
Govt of West Bengal

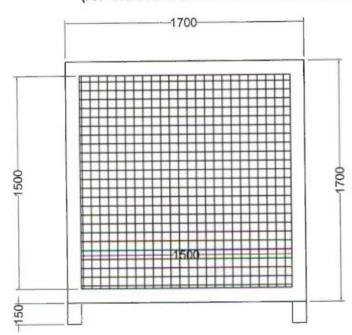
12/12/19

## CROSS SECTION OF DRAIN - 3 AT PADUMBASAN IN WRAD NO -05 WITHIN TAMRALIPTA MUNICIPALITY



## SECTIONAL PLAN OF DRAIN

(AT CHAINAGE 75M FROM OUT FALL POINT)



SECTIONAL PLAN OF GRATING

Assistant Engineer East Medinipur Division (M.E. Dte.) Tamluk

Govt. of West Bengal

Vette

Executive Engineer East Medinipur Divistor (M.E. Die ) Tamluk Govt. of West Bengal

Sub-Assistant Engineer Tamralipta Municipality

## TAMRALIPTA MUNICIPALITY

TAMLUK :: PURBA MEDINIPUR

DETAIL MEASUREMENTS AND CALCULATIONS

Detailed Estimate No. ::-Name of works ::-

for the year 200 to 200

#### Estimate for Construction of Screening arrangement across the drain at Uttar Chara Sankarara in Ward No - 14, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

1 Page No - 10, Item No - 01 Dismantling all types of masonny excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.  Cum 2 0.150 0.100 1.500 0.05 0.05 447.00 22.35  Total City. Cum 0.05 0.05 447.00 22.35  Page No - 10, Item No - 02 Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75m. In ground floor including roof. (a) upto 150 mm. thick  Cum 2 1.500 0.150 0.150 0.07  Total City. Cum 0.07 938.00 65.73  Page No - 26, Item No - 10 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  Cum 2 1.500 0.150 0.155  Cum 2 1.500 0.150 0.125  Total City. Cum  Page No - 101, Item No - 01 M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS. 226, IS. 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal are welding conforming to IS. 816- 1999 & IS. 1995 using electrodes of approved make and brand conforming to IS. 814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as el	SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m.  a) In ground floor including roof.  Cum 2 0.150 0.100 1.500 0.05  Total Qty. Cum 0.05 447.00 22.35  Page No - 10, Item No - 02  Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. In ground floor including roof. (a) upto 150 mm. thick  Cum 2 1.500 0.150 0.150 0.07  Total Qty. Cum 0.07 939.00 65.73  Page No - 26, Item No - 10  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  Cum 2 1.500 0.150 0.155  Cum 2 1.500 0.150 0.125  Total Qty. Cum  M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS. 226, IS. 808 & SP (6) - 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS. 814 - 2004, haulage, holsting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including utility to the work including all incidental charges such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/m  Kg 2 1.500 16.800 50-46  Kg 2 1.500 16.800 50-46  Total Qty. MT  NT 10.4000 1.5	1	Page No - 10, Item No - 01								
Total Qty. Cum  Page No - 10, Item No - 02 Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75m. In ground floor including roof. (a) upto 150 mm. thick  Cum 2 1.500 0.150 0.150 0.07 Total Qty. Cum  Page No - 26, Item No - 10 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  Cum 2 1.500 0.150 0.125  Cum  Cum  1.500 0.150 0.125  Total Qty.  Cum  Page No - 101, Item No - 01 M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1984 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary botting, metal arc welding conforming to IS: 818-1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814-2004, haulage, holsting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/m  Kg 2 1.500 16.800  Kg 2 1.650 16.800  Solution 50.40 50.4		stacking serviceable materials at lead of 75 m.								
Total Qty. Cum  Page No - 10, Item No - 02 Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75m. In ground floor including roof. (a) upto 150 mm. thick  Cum 2 1.500 0.150 0.150 0.07 Total Qty. Cum  Page No - 26, Item No - 10 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  Cum 2 1.500 0.150 0.125  Total Qty. Cum  Page No - 101, Item No - 01 M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6) - 1984 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 818-1998 & IS: 1995 using electrodes of approved make and brand conforming to IS:814-2004, haulage, holsting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/m  Kg 2 1.500 16.800  Kg 2 1.650 16.800  Set 40 Set			Cum	2	0.150	0.100	1 500	0.05		
Page No - 10, Item No - 02 Dismantling all types of plan cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75m.  In ground floor including roof. (a) upto 150 mm, thick   Cum 2 1.500 0.150 0.150 0.07  Total Qty. Cum 0.07 939.00 65.73  Page No - 26, Item No - 10 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  Cum 2 1.500 0.150 0.125  Total Qty. Cum  Page No - 101, Item No - 01  M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6) - 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816-1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814-2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/m  Kg 2 1.500 16.800  Kg 2 1.650 16.800  Solve 107 S2  John 669276:00 3389:26		Total Oty		2	0.130	0.100	1.500			00.05
Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75m.  In ground floor including roof. (a) upto 150 mm. thick   Cum 2 1.500 0.150 0.150 0.07  Total Qty. Cum 0.07 939.00 65.73  Page No - 26, Item No - 10 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  Cum 2 1.500 0.150 0.125  Total Qty. Cum  Page No - 101, Item No - 01  M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. Joists, angle, channel sections conforming to 18: 82.26, IS: 808 & SP (6) - 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary botting, metal arc welding conforming to 18: 816-1969 & IS: 1995 using electrodes of approved make and brand conforming to 15: 814-2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m  Kg 2 1.500 16.800 59.40 5	2	•	Culii					0.05	447.00	22.35
Total Qty:  Cum  Page No - 26, Item No - 10  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  Cum  2 1.500 0.150 0.125  Total Qty:  Cum  Page No - 101, Item No - 01  M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6) - 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary botting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m  Kg 2 1.500 16.800 55.44 5712  Total Qty.in Kg Kg 1900 16.800 55.44 5712  Total Qty.in Kg Kg 1900 16.800 55.44 5712  Jose 4 107- 52 776.815 53.99.26		materials at site and removing rule. In ground floor including roof.								
Total Qty:  Cum  Page No - 26, Item No - 10  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  Cum  2 1.500 0.150 0.125  Total Qty.  Cum  Page No - 101, Item No - 01  M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6) - 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary botting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m  Kg 2 1.500 16.800 59.40 55.44 5712  Total Qty.in Kg Kg 1900 16.800 59.40 55.44 5712 105.84 107.52 776.8154 5712 105.84 107.52 776.8154 5712 105.84 107.52 776.8154 5712 105.84 107.52 776.8154 579.8154 105.816 69.276.00 58.89.26			Cum	2	1.500	0.150	0.150	0.07		
Page No - 26, Item No - 10 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  Cum 2 1.500 0.150 0.125  Cum 2 1.500 0.150 0.125  Total Qty.  Page No - 101, Item No - 01 M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:8144- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m  Kg 2 1.500 16.800 59-49  Kg 2 1.650 16.800 59-49  Total Qty. in Kg Kg 1970 10.00 10.		Total Qty.	Cum					-	939.00	65.73
size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes  Cum 2 1.500 0.150 0.125 0.06 554166 2.06 5777.32 346.64  Page No - 101, Item No - 01  M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/m  Kg 2 1.500 16.800 59.40 55.44 57.12  Total Qty.in Kg Kg 1.70 16.800 59.40 55.44 57.12 105.84 107. S2 776.815 68.20 58	3	Page No - 26, Item No - 10								00.70
Total Qty.  Cum  Page No - 101, Item No - 01  M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary botting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m  Kg 2 1.500 16.800 59.40 59.40 59.40 59.40 Total Qty.in Kg Kg 105.84 107- S2 776.81 S2 776.81 Cotal Qty.in Kg Kg 105.84 107- S2 776.80 Cotal Qty.in Kg 105.84 107- S2 776.81 Cotal Qty.in Kg 105.84 107- S2 776.80 Cot		size) excluding shuttering and	reinforcem	ent if	any, in g	round floo	or as per	e-0°	7	
Page No - 101, Item No - 01  M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m  Kg 2 1.500 16.800 50.4		T		2	1.500	0.150	0.125		554166	387.92
M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m   Kg 2 1.500 16.800 59.40 55.44 57-12  Kg 2 1.650 16.800 59.40 55.44 57-12  Total Qty.in Kg Kg 107- S2 776.8-S2 776.8-	4	•	Cum					-	<del>5777.</del> 32	346.64
Kg 2   1.500   16.800   50.40		members (e.g. joists, angle, char SP (6)- 1964 connected to one design, direction of Engineer-ind shape and length, fabrication conforming to IS: 816- 1969 & IS: brand conforming to IS:814- 200 The rate includes the cost of electrodes, gas and hire charge of work including all incidental charges etc.  II) For Structural Works in Roof T	another with necessity and the color with nec	ens co with b mplete essary g elec e, hois eel se and pla elect	nforming to racket, gus including bolting, trodes of ar ting and er ection, con ants and lai ricity charge	o IS: 226, seets, clear cutting to metal arcordinal rection all sumables cour requires, labour	IS: 808 & ts as per requisite welding ake and complete. such as red for the insurance			
Total Qty.in Kg Kg 1.70 16.800 55.44 57.12  Total Qty. MT 16.800 55.44 57.12  776 8.52  776 8.52  776 8.52  776 8.52		specified section weighing less the			1.500		16 800		)	
Total Qty.in Kg Kg 1.70 105.84 107. S2 77.6 8.52 Total Qty. MT 0.106 60276.00 6389.26									57.12	
Total Qty. MT 0.106 60276.00 5389.26		Total Qty.in Kg	_			)	10.000			
\$100 00210.00 \$600.20										7768.51
								1 Annual VI VI VI		

Page 22

#### Estimate for Construction of Screening arrangement across the drain at Uttar Chara Sankarara in Ward No - 14, within Tamralipta Municipality

( interest as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018 )

Si. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
5	Page No - 104, Item No - 12					*		* **.	
	M.S. works in framed gratings of wir frame work or M.S. flats (with the bar without intermediate flat bar stiffer complete, as directed.  In ground floor.	rs secu	rely fix	ed to the fl	at bar fran	ne) with or			
		Kg	1	1.500	1.500	35.000	79.00	22 00	
9	Total Qty. 922 Page No - 45, Item No - 06-16-21	Kg	Road	s shi			79.00	66.99	5292.21
	Cleaning the exposed reinforcement applying two coats of polymer based removing the coating and then appl corrosive protective coating formula as per manufacturer's specification; area of reinforcement shall be considered.	d rust r lying to ted to [Mode	emovit vo (2) inhibit of mea	ng compou coats of po the corrosi asurement:	nd left for olymer mo ion of rein	24 hours, dified anti forcement	prest	ing an chive a 610	to comosing
							202	5	
		Sqm	1	1.500	1.500		2.00	50610	
	Total Qty.	Sqm					2.00	785.00	4570.00
			Total				213	Rs.	13686.19
	Add @ 12.00% SGST(6%) & CGST(	6%)					Rs	1962.38	16353
	Total Amount						Rs	18315-5	7 15328,53
	Add @ 1.00% Labour welfare Cess						Rs	183.16	153.29
	Add @ 3.00% Contengensis						Rs	549.4	7 459.86
	Total						Rs	19048-2	0 15941.67
Sub	K. PANJA Assistant Engineer Chairman	7		(Rape	eine cu	Say reterm.	Rs.	1'9048" d fort	00 15942.00 y ergnt)o
	ralipta Municipality Tamralipta Muni	cipality				1-1	4	E	
						vei	ted		

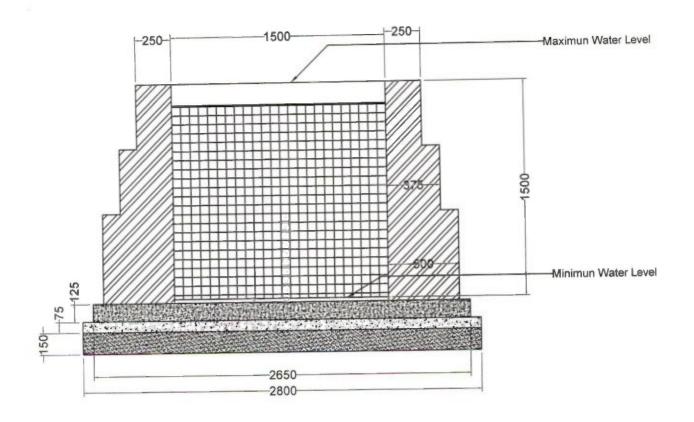
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May be Vetted.

Assistant Engineer East Medinipur Division (M.E. Dte.) Tamluk Govt. of West Bengal

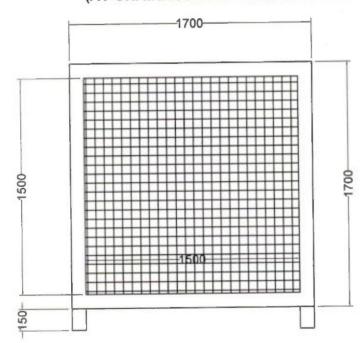
Executive Engineer. East Medinipur Divistor (M E. Die ) Tamluk Govt of West Bengal

# OROSS SECTION OF DRAIN - 4 AT UTTAR CHARA SANKARARA IN WRAD NO - 14 WITHIN TAMRALIPTA MUNICIPALITY



## SECTIONAL PLAN OF DRAIN

(AT CHAINAGE 75M FROM OUT FALL POINT)



SECTIONAL PLAN OF GRATING

m 12/12/19

Assistant Engineer, East Medinipur Division (M.E. Dte.) Tamluk Govt. of West Bengal

Vettech

Executive Engineer, East Medinipur Division (M.E. Die.) Tamluk Govt. of West Bengal

K. PANJA 10-12-19

Sub-Assistant Engineer Tamralipta Municipality

## Page-261

#### TAMRALIPTA MUNICIPALITY

Boroun-6

TAMLUK :: PURBA MEDINIPUR



Detailed Estimate No. ::-Name of works ::- for the year 200 to 200

72603.00

7768.52

## Estimate for Construction of Screening arrangement across the drain at Salgechhia in Ward No17, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
1	Page No - 10, Item No - 01								
	Dismantling all types of mason stacking serviceable materials lead of 75 m.  a) In ground floor including roof	at site and r							
		Cum	2	0.150	0.100	1.500	0.05		
	Total Qty.	Cum					0.05	447.00	22.35
2	Page No - 10, Item No - 02								
	Dismantling all types of plair materials at site and removing in ground floor including roof.  (a) upto 150 mm. thick								
		Cum	2	1.500	0.150	0.150	0.07		
	Total Qty.	Cum					0.07	939.00	65.73
3	Page No - 26, Item No - 10						0.01	000.00	00.70
	Ordinary Cement concrete (mix size) excluding shuttering and relevant IS codes	1:1.5:3) with reinforcem	n grad ent if	ed stone ch any, in g	ips (20 mr round floo	n nominal or as per		,	
		Cum	2	1.500	0.150	0.125		5541.66	387.92
4	Total Qty.	Cum					0.06	5777.32	346.64
4	Page No - 101, Item No - 01						0.07		
	M.S. structural works in columembers (e.g. joists, angle, chested to ordesign, direction of Engineershape and length, fabrication conforming to IS: 816-1969 & Ibbrand conforming to IS:814-20. The rate includes the cost electrodes, gas and hire charges work including all incidental charges etc.	nannel sectione another vincharge coin with necessity 1995 usin 1995 usin 1996 rolled states of all tools ages such as	ons co with b implete essary g elect e, hois eel se and pla elect	nforming to racket, gus including, bolting, trodes of ap ting and er ection, con ants and lai	o IS: 226, seets, clear cutting to metal arcording all sumables cour requires, labour	IS: 808 & ts as per requisite welding ake and complete. such as red for the insurance			
	charges etc.  II) For Structural Works in Roof specified section weighing less	Trusses etc than 22.5 kg	. using / m	joists, cha	nnels and	angles of			
	II) For Structural Works in Roof specified section weighing less	than 22.5 kg	/ m		nnels and				
	II) For Structural Works in Roof specified section weighing less	than 22.5 kg Kg	/ m	1.500	nnels and	16.800	50.40	57.12	
	II) For Structural Works in Roof specified section weighing less  Total Qty.in Kg	than 22.5 kg	/ m		nnels and				

Estimate for Construction of Screening arrangement across the drain at Salgechhia in Ward No 17, within Tamralipta Municipality

(Fine as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
5	Page No - 104, Item No - 12					<u> </u>			
	M.S. works in framed gratings of wir frame work or M.S. flats (with the ba without intermediate flat bar stiffer complete, as directed. In ground floor.	rs secu	rely fix	ced to the fl	at bar fram	ne) with or			
		Kg	1	1.500	1.500	35.000	79.00	20.00	
	Total Qty. 322	Kg					79.00	66.99	5292.21
	Cleaning the exposed reinforcement applying two coats of polymer based removing the coating and then app corrosive protective coating formula as per manufacturer's specification] area of reinforcement shall be consider	d rust relying two	emovi (o (2) inhibit of mea	ng compouncoats of potential the corresponding the corresponding to the	nd left for olymer mo ion of rein	24 hours, dified anti forcement	Possil		nH Como Coating.
		Sqm	1	1.500	1.500		2.00	506·N	1120 0
	Total Qty.	Sqm					2.00	<del>785.</del> 00	1570.00
			Total				2-25	Rs.	13686.19
	Add @ 12.00% SGST(6%) & CGST(	6%)					Rs	196238	163531
	Total Amount						Rs	18315.5	7 15328 53
	Add @ 1.00% Labour welfare Cess						Rs	183.16	153.29
	Add @ 3.00% Contengensis						Rs	549-47	459.86
	Total						Rs	19048.26	15941.67
Sub- Tam	K. PANJA Assistant Engineer ralipta Municipality Tamralipta Mu	an nicipalit	у	(Rupe	in sing	Say	Rs.	19048.00 and Justy	15942.00 eight Ja

Junior Engineer.

Junior Engineer.

East Mediniour Tamilik

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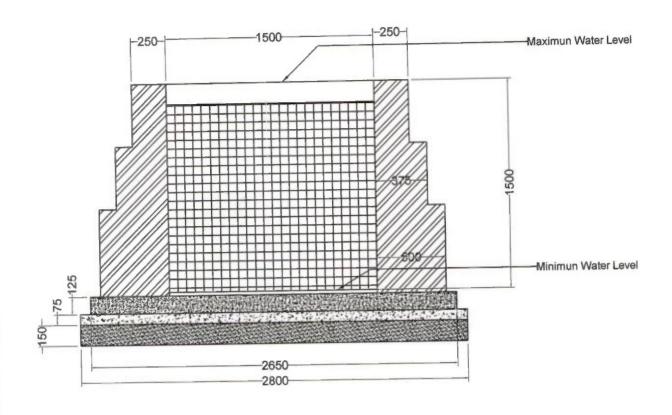
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Assistant Engineer East Medinipur Division (M.E. Dte.) Tamluk Govt. of West Bengal

Vetted

Executive Engineer. East Medinipur Division (ME. Die ) Tamiuk Govt of West Bengal

## CROSS SECTION OF DRAIN - 6 AT SALGECHHIA IN WRAD NO -17 WITHIN TAMRALIPTA MUNICIPALITY



## SECTIONAL PLAN OF DRAIN

(AT CHAINAGE 75M FROM OUT FALL POINT)

1700-

SECTIONAL PLAN OF GRATING

Assistant Engineer, East Medinipur Division (M.E. Dte.) Tamluk Govt. of West Bengal

Executive Engines East Medinipur Division (ME Die ) Tamiuk

Vetter

Govt of West Bengal

Sub-Assistant Engineer Tamralipta Municipality

# Page-27

#### TAMRALIPTA MUNICIPALITY

TAMLUK :: PURBA MEDINIPUR

DETAIL MEASUREMENTS AND CALCULATIONS

Detailed Estimate No. ::-Name of works ::-

for the year 200 to 200

# Estimate for Construction of Screening arrangement across the drain at Daharpur & Dharinda in Ward No - 16 & 20, within Tamralipta Municipality

( Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018 )

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
1	Page No - 01, Item No - 02						26 - 10		
	Earth work in excavation of four (including mixed soil spreading or directed. The item includes and required complete.  a) Depth of excavation not exceeding the excavation of excavation in the exceeding the excavation in the excav	stacking rammi	g the ng the	spoils withi	na lead of	75m. as			
		Cum	2	1.200	1.200	0.650	1.87	1-42	
		Cum	2	1.200		0.900	2.59		
2	Total Qty. Page No - 02, Item No - 04	Cum	2	1.02	1.200		446		406.7/ 531.94
	As directed and consolidating same	e by tho	rough	saturation v	with water	ramming			
	complete, including the cost of su measurement of finished quantity) a) Do-by fine sand			1105	105		0.16		
3	measurement of finished quantity)	Cum Cum	2				0.16 -0.22 0.22	543.51	86.76 119.57
3	measurement of finished quantity) a) Do-by fine sand  Total Qty.	Cum Cum a Khoa (	2 (30mm	1290 size) excl	1.200 uding shut	0.075 tering.	0.22 0.16		
3	measurement of finished quantity) a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation. (a) 6:3:1 proportion	Cum Cum a Khoa (	2	1290	1.200 uding shut	0.075 tering.	0.22 0.16 0.16	4306.87	8-6.76 1.19.57
3	measurement of finished quantity) a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation. (a) 6:3:1 proportion  Total Qty.	Cum Cum a Khoa (	2 (30mm	1290 size) excl	1.200 uding shut	0.075 tering.	0.22 0.16 0.16 0.22 0.22	5	119.57
3	measurement of finished quantity) a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation. (a) 6:3:1 proportion	Cum Cum a Khoa ( Cum Cum Cum	2 (30mm) 2	1200 excl	1.200- uding shutt	0.075 tering.	0.22 0.16 0.16	4306.87	1.19.57
	measurement of finished quantity) a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation. (a) 6:3:1 proportion  Total Qty.  Page No - 26, Item No - 10  Ordinary Cement concrete (mix 1:1. size) excluding shuttering and rei	Cum Cum a Khoa ( Cum Cum Cum	2 (30mm) 2	1200 excl	1.200-	0.075 tering.  0.075	0.22 0.16 0.16 0.22 0.22 0.16	4306.87	1.19.57
	measurement of finished quantity) a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation. (a) 6:3:1 proportion  Total Qty.  Page No - 26, Item No - 10  Ordinary Cement concrete (mix 1:1. size) excluding shuttering and rei	Cum Cum Cum Cum Cum Cum forcem	2 30mm 2 grade ent if	1200 1200 1200 1005 ed stone chi any, in gi	1.200 uding shutt	0.075 tering.	0.22 0.16 0.16 0.22 0.22	4306.87	1.19.57

Page-28

#### Estimate for Construction of Screening arrangement across the drain at Daharpur & Dharindain 17 Ward No - 16 & 20, within Tamralipta Municipality

5	Page No - 42, Item No - 36 Hire and labour charges for si 4m. using approved stout thickness with required bra- curved or straight including works. (up to roof of ground fle (When the height of a particulation) Shall be taken as 4m. and	props and the cing for cond fitting, fixing cor)	ick ha	rd wood labs, bear	planks of	approved			
	4m. using approved stout thickness with required bracurved or straight including works. (up to roof of ground flow) (When the height of a particular straight of the straight	props and the cing for cond fitting, fixing cor)	ick ha	rd wood labs, bear	planks of	approved			
	Shall be taken as 4m and	utar floor is m	ore the	an 4m. the	after com	pletion of			
	allowed under 12(e) for every a) 25 mm to 30 mm thick woo in charge.	4m. or part the oden shuttering	ereof.)						
	i) In foundation & ground floor	r.							
		Sqm	8	1.050		0.300	2.52		
		Sqm	8	0.700		0.250	1.40		-
	Total Qty.	Sqm					3.92	205.00	803.60
6	Page No - 43 , Item No - 40								
	hooking & bending to correct 16 gauge black annealed wire direction.  (a) For works in foundation, ba (i) Tor steel / Mild steel.	at every inter	section	n, complete	as per dra	awing and			
	;1% of Concrete Qty.	MT					0.071	04000	7 24-10
	Total Qty.	MT					0.071	52938.20	3758.61
7	Page No - 101, Item No - 01							22000.20	0100.01
	M.S. structural works in commembers (e.g. joists, angle, of SP (6)- 1964 connected to of design, direction of Engineershape and length, fabrication conforming to IS: 816- 1969 & brand conforming to IS:814- The rate includes the cost electrodes, gas and hire chargest and the conforming to IS: 816- 1969 & 1969	channel sectione another war-incharge coron with necession with necession with section with necession with nece	ins convith branches mplete essary g electra, hoist eel seand pla	nforming to acket, gus including bolting, rodes of ap ing and er ction, con ints and lal	o IS: 226, I seets, clear cutting to metal arc oproved ma rection all of sumables	IS: 808 & ts as per requisite welding ake and complete. such as			
	work including all incidental ch		using						
	charges etc.  II) For Structural Works in Roc specified section weighing less	of Trusses etc s than 22.5 kg/	m						
	II) For Structural Works in Roc	of Trusses etc s than 22.5 kg/ Kg	' m2	3.000		16.800	100.80		
	II) For Structural Works in Roc	s than 22.5 kg/	m	3.000		16.800 16.800	100.80 50.40		
	II) For Structural Works in Roc	s than 22.5 kg/ Kg	m 2				50.40		
	II) For Structural Works in Roc	s than 22.5 kg/ Kg Kg	m 2 1	3.000		16.800 16.800	50.40 99.46		
	II) For Structural Works in Roc	s than 22.5 kg/ Kg Kg Kg	2 1 1	3.000 5.920		16.800	50.40	7260300	24685.

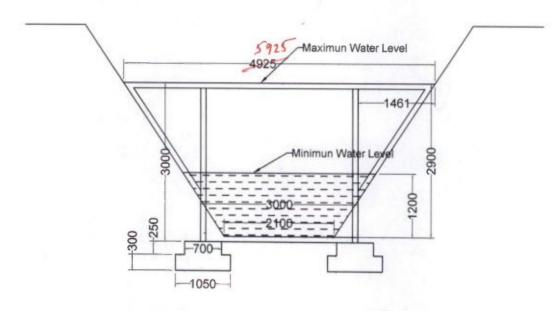
Estimate for Construction of Screening arrangement across the drain at Daharpur & Dharingen 17 Ward No - 16 & 20, within Tamralipta Municipality

( te as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018 )

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
8	Page No - 104, Item No - 12							1	
	M.S. works in framed gratings of wir frame work or M.S. flats (with the bar without intermediate flat bar stiffer complete, as directed. In ground floor.	s secu	rely fix	ed to the fla	at bar fram	e) with or			
		Kg	1	3.000	3.000	35.000	315.00		
	4x0.5	Kg	2 X	1.460			271.00	13547	
	Total Qty. 322	Kg					586.00		39256.14
9	Page No -45, Item No -06 16-2						450.67	38.23	39762.61
	Cleaning the exposed reinforcement applying two coats of polymer based removing the coating and then apply corrosive protective coating formulat as per manufacturer's specification] [area of reinforcement shall be considered.	rust rust rust rust rust rust rust rust	emoving (2) inhibit of mea	of compounts coats of potential the corrosing surement:	nd left for olymer mo- on of reint	24 hours, dified anti forcement	for wide	ling all thre con EIC	scorrosite
		Sqm	1	3.000	3.000		9.00		
		Sqm	2 K	1.460			8.00	3,87	00 65/2:22
	Total Qty.	Sqm						7.85.00	
			Total				12-37	Rs.	84542.64 8/45293
	Add @ 12.00% SGST(6%) & CGST(6	3%)					Rs	9774.3	10145,12
	Total Amount						Rs	91227.2	8 94687.76
	Add @ 1.00% Labour welfare Cess						Rs	912.27	946.88
	Add @ 3.00% Contengensis						Rs	2736.8	2 2840.63
	Total						Rs	34876.3	7 98475.27
	K. PANJA  -Assistant Engineer  nralipta Municipality  Tamralipta Mur		у	Rupers	minet	Say y four seventy	Rs. thomas, six for	9487610 md eig nly	0 98475.00 Whathamaked
,	Junior Engineer Division  Junior Engineer Division  Assembly Tamluk  East  Rengal  East	ssistant Medin M.E. Dte vt. of W	Engine	vision iluk		Exect East Mi	technique Englishedinipur Div. Die ) Tam of West Be	netan	

Page 30

# CROSS SECTION OF DRAIN - 7 AT DAHARPUR & DHARINDA IN WRAD NO - 16 & 20 WITHIN TAMRALIPTA MUNICIPALITY



## SECTIONAL PLAN OF DRAIN

(AT CHAINAGE 75M FROM OUT FALL POINT)

1461 3000 1461 1461 1050

SECTIONAL PLAN OF GRATING

Assistant Engineer,
East Medinipur Division
(M.E. Dte.) Tamluk
Govt. of West Bengal

Executive Equipment

Executive Engines.
East Medinipur Division
(M.E. Die.) Tamluk
Govt of West Bengal

K. PANJA

Sub-Assistant Engineer
Tamralipta Municipality

#### TAMRALIPTA MUNICIPALITY

TAMLUK :: PURBA MEDINIPUR

**DETAIL MEASUREMENTS AND CALCULATIONS** 

Detailed Estimate No. ::-Name of works ::-

for the year 200 to 200

### Estimate for Construction of Screening arrangement across the drain at Sankarara in Ward No -17, within Tamralipta Municipality

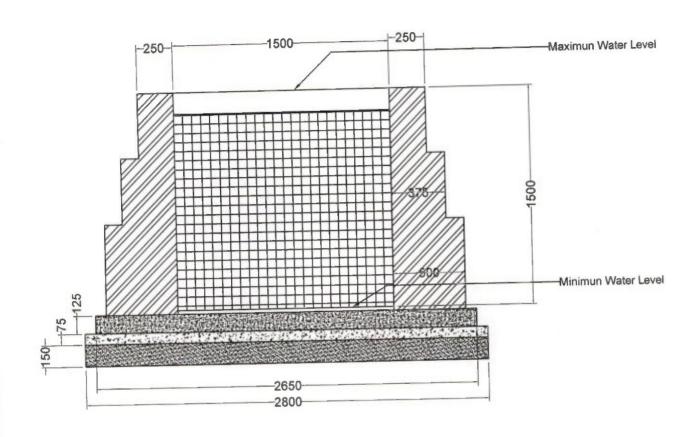
SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
1	Page No - 10, Item No - 01								
	Dismantling all types of masonry stacking serviceable materials at lead of 75 m.  a) In ground floor including roof.	excepting site and r	ceme emovi	nt concrete ng rubbish	e plain or r as directe	einforced, d within a			
		Cum	2	0.150	0.100	1.500	0.05		
	Total Qty.	Cum					0.05		22.35
2	Page No - 10, Item No - 02						0.00	447.00	22.50
	materials at site and removing rubin ground floor including roof.  (a) upto 150 mm. thick	oish as di	rected	within a lea	ad of 75m.				
		Cum	2	1.500	0.150	0.150	0.07		
3	Total Qty.	Cum					0.07	939.00	65.73
3	Page No - 26, Item No - 10 Ordinary Cement concrete (mix 1:								
	size) excluding shuttering and re relevant IS codes	einforcem Cum	ent if	any, in g	o.150	or as per		1	
	Total Qty.	Cum		1.500	0.100	0.123	0.00	5541.61	
4	Page No - 101, Item No - 01	Ouiii					2.06 0.07	5777.32	346.64
	M.S. structural works in column members (e.g. joists, angle, chan SP (6)- 1964 connected to one	nel section	ns cor	nforming to	IS: 226. I	S: 808 &			
	shape and length, fabrication of conforming to IS: 816- 1969 & IS: 1969 to IS: 816- 1969 to IS: 1969 t	narge con with necon 1995 using haulage rolled ste all tools as s such as	mplete essary g elect e, hoist eel se and pla electr	including bolting, rodes of ap ing and en ction, cons ints and lab icity charge	sets, clear cutting to metal arcorderoved ma ection all of sumables bour requires, labour i	ts as per requisite welding ake and complete. such as ed for the nsurance			
	shape and length, fabrication of conforming to IS: 816- 1969 & IS: 15 brand conforming to IS:814- 2004. The rate includes the cost of electrodes, gas and hire charge of work including all incidental chages charges etc.	narge conwith necessary, haulage rolled steal tools as such as usses etc.	mplete essary g elect , hoist eel se and pla electr . using	including bolting, rodes of ap ing and erection, cons ints and lab icity charge joists, cha	sets, clear cutting to metal arcorderoved ma ection all of sumables bour requires, labour i	ts as per requisite welding ake and complete. such as ed for the nsurance angles of	50.40		
	shape and length, fabrication of conforming to IS: 816- 1969 & IS: 1969 to IS: 816- 1969 to IS: 1969 t	narge con with necon 1995 using haulage rolled ste all tools as s such as	mplete essary g elect e, hoist eel se and pla electr	including bolting, rodes of ap ing and en ction, cons ints and lab icity charge	sets, clear cutting to metal arcorderoved ma ection all of sumables bour requires, labour i	ts as per requisite welding ake and complete. such as ed for the nsurance angles of	50.40 55.44	57.12	
	shape and length, fabrication of conforming to IS: 816- 1969 & IS: 1969 to IS: 816- 1969 to IS: 1969 t	narge cor with neco 995 using haulage rolled ste all tools as such as usses etc n 22.5 kg/	mplete essary g elect e, hoist eel se and pla electr using m	including bolting, rodes of ap ing and erection, cons ints and lab icity charge joists, char	sets, clear cutting to metal arcorderoved ma ection all of sumables bour requires, labour i	ts as per requisite welding ake and complete. such as ed for the nsurance angles of	55.44	57.12	
	shape and length, fabrication of conforming to IS: 816- 1969 & IS: 1971 brand conforming to IS:814- 2004. The rate includes the cost of electrodes, gas and hire charge of work including all incidental chages charges etc.  II) For Structural Works in Roof Truspecified section weighing less that	narge con with nec- 1995 using haulage rolled ste all tools as such as usses etc n 22.5 kg/	mplete essary g elect e, hoist eel se and pla electr using m	including bolting, rodes of ap- ing and er- ction, cons ints and lab- icity charge joists, char 1.500	sets, clear cutting to metal arc proved ma ection all of sumables pour require es, labour in nnels and	ts as per requisite welding ake and complete. such as ed for the nsurance angles of	55.44 105.84	57.12- 107.52- 50276.00	346318 6389.26

## Estimate for Construction of Screening arrangement across the drain at Sankarara in Ward No -17, within Tamralipta Municipality (Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
5	Page No - 104, Item No - 12								
	M.S. works in framed gratings of variance work or M.S. flats (with the build without intermediate flat bar stiff complete, as directed.  In ground floor.	ars secu	rely fix	ed to the f	lat bar fram	ne) with or			
		Kg	1	1.500	1.500	35.000	79.00		10-
	Total Qty. 922	Kg	4.5		1.000	00.000	79.00	83·23 66.99	5202 21
9	Page No - 45, Item No - 06 16-21		ROAD	SCHE			70.00	20.00	WEST 1
	Cleaning the exposed reinforcement applying two coats of polymer bases removing the coating and then appropriately corrosive protective coating formulas per manufacturer's specification area of reinforcement shall be considered.	ed rust roplying to lated to [Mode	emovion (2) inhibit of mea	ng compounce of posterior of the corrost assurement:	ind left for olymer mo ion of rein	24 hours, dified anti forcement		ling anti- tive coat. BIC	ng ~
		Sqm	1	1.500	1.500		2.00		
	Total Qty.	Sqm			,,,,,,		2.00	785:00	1570.00
			Total				2525	Rs.	13686.19
	Add @ 12.00% SGST(6%) & CGS	T(6%)					Rs	1962-38	1642,34
	Total Amount						Rs	18315157	15328.53
	Add @ 1.00% Labour welfare Cess	S						183.16	
	Add @ 3.00% Contengensis							549.47	
	Total							19848.20	
	V.0								
	13000 70-12-19			(Rupa	1 mine	Say	Rs.	19048100	15942.00
	K. PANJA	-			, , ,	4 CO) 41	rowand	19048:00 1 topy e	ight any
	-Assistant Engineer Chairm	100							
(CIII	Tamralipta Mu								
	Hoybe watter					lati	ted		
	May be wee.	day be	2 1/1	1 - 1		161	2/		
	Jan 2/19	)	va	ECC.		6	1m		
	To linger and	tw	12/12	119		C	12/12	19	
	Junior Engineer, Junior	ssistant E	ngines			Execut	ive Enginee	don.	
	Casi - Die ARELS	ME Die	Tamit	ak .		(ME.	dinipur Divis Die ) Tamiu	k	
	THE STATE OF THE S	ovt of We	A RAD	id idi		Caul C	f West Beng	1.004	

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## CROSS SECTION OF DRAIN - 10 AT SANKARARA IN WRAD NO -17 WITHIN TAMRALIPTA MUNICIPALITY



## SECTIONAL PLAN OF DRAIN

(AT CHAINAGE 75M FROM OUT FALL POINT)

1700

SECTIONAL PLAN OF GRATING

my = 12/2-119

Assistant Engineer, East Medinipur Division (M.E. Die.) Tamluk Govt. of West Bengal

Vetted

Executive Engineer.
East Medinipur Division
(M.E. Die.) Tamluk
Govt of West Bengal

K. PANJA 1219

Sub-Assistant Engineer Tamralipta Municipality

## Page -34 Brain - 5

#### TAMRALIPTA MUNICIPALITY

TAMLUK :: PURBA MEDINIPUR

DETAIL MEASUREMENTS AND CALCULATIONS

Detailed Estimate No. ::-Name of works ::-

for the year 200 to 200

Estimate for Construction of Screening arrangement across the drain at D. C. Sankarara in Ward No - 15, 18 & 19, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
1	Page No - 01, Item No - 02								
	Earth work in excavation of found (including mixed soil spreading or sidirected. The item includes and required complete.	stacking	the :	spoils withi	na lead of	75m. as			
	a) Depth of excavation not exceeding	1500r	nm.						
		Cum	4	1.200	1 1 1	0.650	2.87	7	
		Cum	4	1200	1.200	0.900	5.18	3.97	815.81
2	Total Qty. Page No - 02, Item No - 04	Cum		1.02	1.02		8.92	119.27	1063.89
	Filling in foundation or plinth by As directed and consolidating same complete, including the cost of sup measurement of finished quantity). a) Do-by fine sand	by tho	rough	saturation	with water	ramming			
		Cum	4	1200	1.200	0.075	0.43	.3	179.36
3	Total Qty. Page No - 23, Item No - 01	Cum					0.43	543.51	233.71
	Cement concrete with graded Jhama In ground floor and foundation. (a) 6:3:1 proportion	Khoa	(30mm	size) excl	uding shut	tering.			
				1.05	1.05	- 1	0-33		
		Cum	4	1.200	1.200	0.075	0.43	436887	1421:27
4	Total Qty. Page No - 26, Item No - 10	Cum					0.43	4439.00	1908.77
	Ordinary Cement concrete (mix 1:1.5 size) excluding shuttering and rein relevant IS codes	:3) with forcem	grade ent if	ed stone ch any, in g	ips (20 mn round floo	n nominal r as per			
		Cum	4	1.050	1.050	0.300	1.32		
		Cum	4	0.700	0.700	0.250		o cult	100000
	Total Qty.	Cum			- 20, 3-5		1.81	5541.66 5777.32	1003047 10456.95

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### Estimate for Construction of Screening arrangement across the drain at D. C. Sankarara in Ward No - 15, 18 & 19, within Tamralipta Municipality

( te as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018 )

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
5	Page No - 42 , Item No - 36								A CONTRACTOR OF STREET
	Hire and labour charges for shutteri 4m. using approved stout props thickness with required bracing fourved or straight including fitting, works. (up to roof of ground floor) (When the height of a particular floor Shall be taken as 4m. and extra allowed under 12(e) for every 4m. of a) 25 mm to 30 mm thick wooden straight stout and the straight	and the or condition fixing or is more for work part the or condition	erete s and s nore the ks bey ereof.)	ard wood slabs, bear striking out nan 4m. the yod the init	planks of ms, colum after com e equivaler tial 4m. ht	approved ns, lintels apletion of nt floor ht. Shall be			
	in charge. i) In foundation & ground floor.								
	,					(			
		Sqm	16	1.050		0.300	Market Control of the		
		Sqm	16	0.700	1	0.250			
6	Total Qty. Page No - 43 , Item No - 40	Sqm					7.84	205.00	1607.20
	straightening and removal of loose hooking & bending to correct shape 16 gauge black annealed wire at evidirection.  (a) For works in foundation, baseme (i) Tor steel / Mild steel.	e, placir ery inter	ng in p rsectio	proper posi n, complete	ion and bi e as per dr	nding with awing and			
	;1% of Concrete Qty.	МТ					0.142		10.00
	Total Qty.	MT						48785° 52938.20	87 6927.50
7	Page No - 101, Item No - 01						0.142	<u>Q</u> EW00.20	-1-11.22
	M.S. structural works in columns members (e.g. joists, angle, channed SP (6)- 1964 connected to one a design, direction of Engineer-inches shape and length, fabrication we conforming to IS: 816- 1969 & IS: 1967 brand conforming to IS:814- 2004, The rate includes the cost of reflectrodes, gas and hire charge of a work including all incidental chages charges etc.  II) For Structural Works in Roof True specified section weighing less than	el section nother arge co ith necessith necessith and agreement and argument are argument arg	ons co with b mplete essan ig elec e, hois eel se and pl s elect	onforming to pracket, gue e including y bolting, etrodes of a sting and e ection, con ants and la tricity charg	o IS: 226, ssets, clear cutting to metal are pproved m rection all asumables bour requires, labour	IS: 808 & ats as per or requisite complete. such as red for the insurance			
		Kg	4	3.000		16 900	204.60		
		Kg	2	3.000		16.800 16.800			
		Kg	2		4.925	16.800		165,48	
		Kg	4	2.655		16.800			
	Total Qty.in Kg	Kg	•			10.000	679.73	64630	
	Total Qty.	MT						60276.00	40987.68
			F	age - 2 of	3		0.646		46901.54

fage- 37

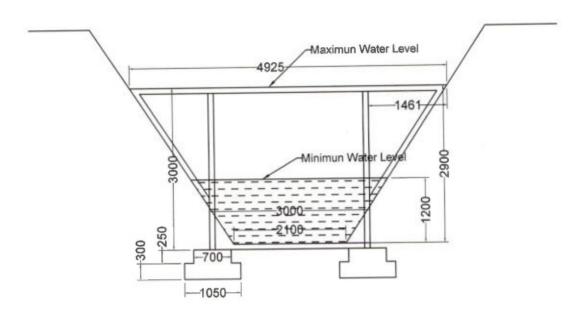
## Estimate for Construction of Screening arrangement across the drain at D. C. Sankarara in Ward No - 15, 18 & 19, within Tamralipta Municipality

( te as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018 )

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
8	Page No - 104, Item No - 12								
	M.S. works in framed gratings of will frame work or M.S. flats (with the bar without intermediate flat bar stiffer complete, as directed.  In ground floor.	's secu	rely fi	xed to the fl	at bar fran	ne) with or			
		Kg	2	3.000	3.000	35.000	630.00		
	4x0.5			1.460				271.34	
	Total Qty. 922	Kg		2 1.400	2.000	30.000		66.99	70570.07
9	Page No - 45, Item No - 06-16-21	_	eds	sch			901.34	88.22	7.8579.27 7952.5:23
	Cleaning the exposed reinforcement applying two coats of polymer based removing the coating and then appl corrosive protective coating formula as per manufacturer's specification] area of reinforcement shall be considered.	I rust ro ying tw ted to i Mode o	emovi o (2) nhibit of mea	ing compount coats of per the corrosing surement:	nd left for olymer mo ion of rein	24 hours, dified anti forcement	prute	chive co	arroste
		Sqm	2	3.000	3.000		18.00		
		Sqm	4 %	1.460	2.655		16.00	7.75	13029.5
	Total Qty.	Sqm					34.00	785.00	<del>26690.0</del> 0
			Total				25-75	Rs.	169044.69
	Add @ 12.00% SGST(6%) & CGST(6	3%)					Rs	192525	160437.90 3 20285.36
	Total Amount						Rs	1796901	15189330.05
	Add @ 1.00% Labour welfare Cess							1796.90	
	Add @ 3.00% Contengensis						Rs	5390.7	5679.90
	Total								7 196903.25
	40000 19 \			(Rupa	o one	Say			
Ta	K. PANJA  D-Assistant Engineer Chairman		у	· h	un dreed	W 47	the leng	ut ) only	196903.00 md eigh
,	Juntor Engineer:  Juntor Engin	Assist	ant Er	Vetted.  12/12/11  ngineer.  ur Division Tamluk st Bengal	9	Exe East	Acutive Engi Medinipur C E. Die ) Ta	UNISTON	
	Junior Engli Division  East Medinipur Tamluk  (M.E. Die.) Tamluk  (M.E. Die.) Rengal	Govt.	of We	st Bengal			t. of West B		

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## CROSS SECTION OF DRAIN - 5 AT D. C. SANKARARA IN WRAD NO - 15, 18 & 19 WITHIN TAMRALIPTA MUNICIPALITY (2 Nos)



## SECTIONAL PLAN OF DRAIN

(AT CHAINAGE 75M FROM OUT FALL POINT)

3000 1461 -700--1050-

SECTIONAL PLAN OF GRATING

Assistant Engineer,
East Medinipur Division
(M.E. Dte.) Tamluk
Govt. of West Bengal

Executive Enginese, East Medinipur Divistor (M.E. Dte.) Tamluk Govt of West Bengal

K. PANJA
Sub-Assistant Engineer
Tamralipta Municipality

Page-29 Drain 08

#### TAMRALIPTA MUNICIPALITY

TAMLUK :: PURBA MEDINIPUR

DETAIL MEASUREMENTS AND CALCULATIONS

Detailed Estimate No. ::-Name of works ::- for the year 200 to 200

# Estimate for Construction of Screening arrangement across the drain at Kapasbaria in Ward No 19, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
1	Page No - 01, Item No - 02								
	Earth work in excavation of four (including mixed soil spreading or directed. The item includes and required complete.  a) Depth of excavation not exceeding the second se	stacking rammi	g the s	spoils withi Bottomba	na lead of ailing out	75m. as			
		Cum	2	1.200	1,200	0.650	1.87/	.43	
		Cum	2	1.200	1.200	0.900			1.04 77
	Total Qty.	Cum	7	1:0:5	(Sec. )	0.900			406.71
2	Page No - 02, Item No - 04	Ouiii		1	,		3-41	119.27	531.94
	complete, including the cost of su measurement of finished quantity).	pply of	sand	. (Paymen	t to be	made on			
	a) Do-by fine sand							. D	
		Cum	2	1.200	C.	0.075	0.22	.16	04
3			2	1200	C.		0.22° 0.22 0.16	543.51	86.96 119.57
3	a) Do-by fine sand  Total Qty.	Cum		105	105		0-16	543.51	86.96 119.57
3	a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation.	Cum		1 size) excl	uding shut		0.22	543.51	86.96 ,119.57
3	a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation.	Cum Cum	(30mm	n size) excl	uding shut	tering.	0.22 0.16	543.51	86.96 119.57
3	a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation.  (a) 6:3:1 proportion  Total Qty.  Page No - 26, Item No - 10	Cum Cum Cum Cum	(30mm	1200	1.05 uding shut	tering. 0.075	0-16	543.51	86.96 119.57
	a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation.  (a) 6:3:1 proportion  Total Qty.	Cum Cum Cum Cum Cum Cum Cum	(30mm 2	1 size) excl	1.05 uding shut	tering.  0.075	0.22 0.16 0.22 0.22	543.51	
	a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation.  (a) 6:3:1 proportion  Total Qty.  Page No - 26, Item No - 10  Ordinary Cement concrete (mix 1:1. size) excluding shuttering and rei	Cum Cum Cum Cum Cum Cum Cum	(30mm 2	1 size) excl	1.05 uding shut	tering. 0.075 n nominal r as per	0.22 0.16 0.22 0.22 0.16	543.51	
	a) Do-by fine sand  Total Qty.  Page No - 23, Item No - 01  Cement concrete with graded Jham In ground floor and foundation.  (a) 6:3:1 proportion  Total Qty.  Page No - 26, Item No - 10  Ordinary Cement concrete (mix 1:1. size) excluding shuttering and rei	Cum Cum Cum Cum Cum Cum forcem	(30mm 2 n grade eent if	1 200 1 200 1 0 5 ed stone ch any, in g	uding shut 1.200 1-05 ips (20 mn round floo	tering.  0.075	0.22 0.16 0.22 0.22	543.51	976.58

0.340 60276.00

20493.84

## Estimate for Construction of Screening arrangement across the drain at Kapasbaria in Ward No 19, within Tamralipta Municipality

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
5	Page No - 42 , Item No - 36								
	Hire and labour charges for shutt 4m. using approved stout pro thickness with required bracing curved or straight including fitti works. (up to roof of ground floor) (When the height of a particular Shall be taken as 4m. and extra allowed under 12(e) for every 4m a) 25 mm to 30 mm thick wooder in charge.  i) In foundation & ground floor.	ps and the force of the force o	and s nore the ks bey	ard wood slabs, bear triking out an 4m. the root the init	planks of ms, colum after com e equivaler tial 4m. ht	approved ns, lintels pletion of nt floor ht. Shall be			
		Carro	0	4.050		0.000	0.50		
		Sqm	8	1.050		0.300			
	Total Qty.	Sqm	8	0.700		0.250	manage of		
3	Page No - 43 , Item No - 40	Sqm					3.92	205.00	803.60
	<ul><li>16 gauge black annealed wire at direction.</li><li>(a) For works in foundation, base</li><li>(i) Tor steel / Mild steel.</li></ul>					and the second			
	;1% of Concrete Qty.	MT					0.071	1.2-20	3463.
	Total Qty.	MT						52938:20	3758.61
	Page No - 101, Item No - 01							32000.20	-0100.01
	M.S. structural works in columnembers (e.g. joists, angle, chan SP (6)- 1964 connected to one design, direction of Engineer-indishape and length, fabrication conforming to IS: 816- 1969 & IS: brand conforming to IS:814- 200 The rate includes the cost of electrodes, gas and hire charge of work including all incidental chag charges etc.	nnel section another charge co with necession 1995 usin 4, haulage rolled st of all tools	ons co with be impleted essary g election e, hois eel se and pla	nforming to racket, gust e including, bolting, trodes of ap ting and en ection, con ants and la	o IS: 226, ssets, clea cutting to metal arc pproved marection all assumables bour required.	IS: 808 & ts as per requisite welding ake and complete. such as red for the			
	II) For Structural Works in Roof T specified section weighing less th	russes etc an 22.5 kg	. usinç / m	joists, cha	annels and	angles of			
		Kg	2	3.000		16.800	100.80		
		Kg	1	3.000		16.800	50.40		
		Kg	1	5.920		16.800	99.46		
	T-1101 1 11	Kg	2	2.655		16.800	89.21		
	Total Qty.in Kg Total Qty.	Kg					339.87	72603:00	24685
		MT						1-0-0	

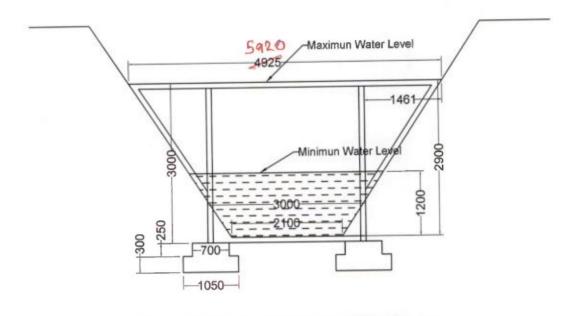
Page - 2 of 3

Estimate for Construction of Screening arrangement across the drain at Kapasbaria in Ward No 19, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of wo	rk	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
8	Page No - 104, Item No - 1 M.S. works in framed gratiframe work or M.S. flats (wwithout intermediate flat complete, as directed. In ground floor.	ings of win	secu	rely fix	ed to the fl	at bar fram	ne) with or			
			Kg			3.000		315.00	MC17	
	4x0.5			2 *	1.460	2.655	35.000	271.00	135.67	3 9 76 2 1
9	Total Qty. 322 Page No - 45, Item No - 96	-17 01	Kg	0 1	4.0			586.00	66.99 88.23	39256.14
	applying two coats of polyi removing the coating and corrosive protective coating as per manufacturer's spec- area of reinforcement shall	then apply g formulate cification] [N	ring two	o (2) nhibit of mea	coats of po the corrosi surement:	olymer mo	dified anti	Provi	ding an chive co	nticonnosi
			Sqm	1	3.000	3.000		9.00		
			Sqm	2 X	1.460	2.655			387	1512.
	Total Qty.		Sqm					17.00	785.00	13345.00
				Total				,	Rs.	84542.64
	Add @ 12.00% SGST(6%)	& CGST(6	%)					Rs	9474-31	10145.12
	Total Amount								91227-28	
	Add @ 1.00% Labour welfa	re Cess								946.88
	Add @ 3.00% Contengensi	s							,	2840.63
	Total								_	98475.27
Sub-	K. PANJA Assistant Engineer Tamra	Chairman lipta Munic	ipality		(Ru	pers ou	Say inche for idead s	Rs. me tho	94876.00 moand e sia) onl	98475.00
	Junior Engineer.  Gov. of West Rengal.  Gov. of West Rengal.	Assist East Me	be V	12/12 gineer, Divisi Tamluk	119 on	E	(M E. Die	Engineer, pur Division		

# ●ROSS SECTION OF DRAIN - 8 AT KAPASBARIA IN WRAD N0 - 19 WITHIN TAMRALIPTA MUNICIPALITY



## SECTIONAL PLAN OF DRAIN

(AT CHAINAGE 75M FROM OUT FALL POINT)

1461 3000 1461 L1ZZ 000E 1050

SECTIONAL PLAN OF GRATING

Assistant Engineer,
East Medinipur Division
(M.E. Dte.) Tamluk
Govt. of West Bengal

Executive Engineer,
East Medinipur Division
(M.E. Die.) Tamluk
Govt. of West Bengal

Vet

K. PANJA

Sub-Assistant Engineer
Tamralipta Municipality

Drain 09

## TAMRALIPTA MUNICIPALITY

TAMLUK :: PURBA MEDINIPUR

**DETAIL MEASUREMENTS AND CALCULATIONS** 

Detailed Estimate No. ::-Name of works ::-

for the year 200 to 200

### Estimate for Construction of Screening arrangement across the drain at Kapasbaria in Ward No 19, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
1	Page No - 01, Item No - 02								
	Earth work in excavation of four (including mixed soil spreading or directed. The item includes and required complete.	stacking	g the	spoils with	ina lead of	75m. as			
	a) Depth of excavation not exceeding	ig 1500r	nm.	1000		_			
		Cum	2	1200		0.650	1.87	1.43	
		Cum	2	1.200	1,200	0.900	2.59		406.71
2	Total Qty. Page No - 02, Item No - 04	Cum					4.46 3.41	119.27	531.94
	As directed and consolidating same complete, including the cost of su measurement of finished quantity).  a) Do-by fine sand	by tho	rough sand	saturation · . (Paymer	with water	ramming made on	orla		
		Cum	2	1.200	1,200	0.075	0.22		86.96
3	Total Qty. Page No - 23, Item No - 01	Cum					0.22	543.51	<del>119.5</del> 7
	Cement concrete with graded Jham In ground floor and foundation.	a Khoa	(30mm	size) exc	uding shut	tering.			
	(a) 6:3:1 proportion								
	(a) 6:3:1 proportion	•		1.65	1105		016		
	1 2	Cum	2	1200	1200	0.075	0.22	430487	189,10
4	Total Qty. Page No - 26, Item No - 10	Cum	2					ч3 <b>6&amp;8</b> 7 4439.00	6 39 10 976.58
4	Total Qty.	Cum 5:3) with	grade	1200	1.200 ips (20 mm	0.075	0.22		
4	Total Qty.  Page No - 26, Item No - 10  Ordinary Cement concrete (mix 1:1. size) excluding shuttering and rei	Cum 5:3) with	grade	1200	1.200 ips (20 mm	0.075	0.22 0.22 0.16		
4	Total Qty.  Page No - 26, Item No - 10  Ordinary Cement concrete (mix 1:1. size) excluding shuttering and rei	Cum 5:3) with nforcem	grade	1290 ed stone ch any, in g	1200 ips (20 mm round floo	0.075 n nominal r as per	0.22		

## Estimate for Construction of Screening arrangement across the drain at Kapasbaria in Ward No .

19, within Tamralipta Municipality
(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04 06 2018 )

SI. No.	Description of wo	rk Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
5	Page No - 42 , Item No - 36	3							
	Hire and labour charges for 4m. using approved stour thickness with required becurved or straight including works. (up to roof of ground (When the height of a part Shall be taken as 4m. an allowed under 12(e) for ever a) 25 mm to 30 mm thick with charge.  i) In foundation & ground flowers.	t props and to pracing for con- ing fitting, fixing if floor) ticular floor is in id extra for wo bry 4m. or part to coden shuttering	nore the series of the series	ard wood slabs, bear striking out nan 4m. the yod the init	planks of ms, colum after com e equivaler tial 4m. ht.	approved ns, lintels pletion of at floor ht. Shall be			
		Sqm	8	1.050		0.300	2.52		
		Sqm		0.700		0.250			
	Total Qty.	Sqm				0.200	3.92		803.60
6	Page No - 43 , Item No - 40							200.00	003.00
	distribution bars, stirrups straightening and removal of hooking & bending to corred 16 gauge black annealed with direction.  (a) For works in foundation,  (i) Tor steel / Mild steel.	of loose rust ( if ect shape, placi ire at every inte	neces ng in p rsectio	sary )cuttin roper posit n, complete	g to requis ion and bir e as per dra	ite length, nding with awing and			
	;1% of Concrete Qty.	МТ					0.074	-	
	Total Qty.	MT					0.071	487858	7 3463.8
7	Page No - 101, Item No - 01						0.071	52938.20	<del>3758.61</del>
	M.S. structural works in members (e.g. joists, angle SP (6)- 1964 connected to design, direction of Engine shape and length, fabric conforming to IS: 816- 1969 brand conforming to IS:814. The rate includes the coelectrodes, gas and hire chawork including all incidental charges etc.  II) For Structural Works in Fispecified section weighing leading to the specified section weighing to the specified section weighing leading to the specified section weighing to the specified section weighing the specified section weighting the specif	columns, bean e, channel section one another eer-incharge columns ation with new & IS: 1995 using the columns of rolled section arge of all tools chages such a coof Trusses et	ons co with b pemplete cessary ng elect e, hois teel se and pla s elect	nforming to racket, gus including, bolting, trodes of ap ting and el ection, con ants and lai ricity charge	o IS: 226, I seets, clear cutting to metal arc oproved ma rection all common sumables oour requires, labour i	S: 808 & is as per requisite welding ake and complete, such as ed for the insurance	100.80		
		201					100.80	_	
		Kg	1	3.000		16.800	50.40		
		Kg Kg	1	5.920		16.800	99.46		
	Total Qty.in Kg	Kg	2	2.655		16.800	89.21		
	Total Qty.	MT					339.87	7260300	2468502
		IVI	P	age - 2 of	3		0.340	60276.00	20493.84

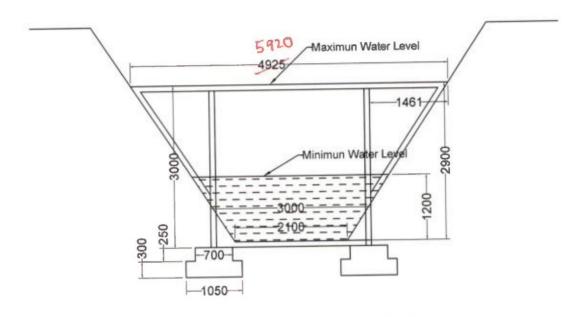
#### Estimate for Construction of Screening arrangement across the drain at Kapasbaria in Ward No 19, within Tamralipta Municipality

(Rate as per P. W. D. Schedule of Rates effected from 1st November 2017 & 3rd Corriganda w.e.f. 04.06.2018)

SI. No.	Description of work	Unit	No	Length	Breadth	Height / Depth	Quantity	Rate	Amount
8	Page No - 104, Item No - 12		0						
	M.S. works in framed gratings of wi frame work or M.S. flats (with the ba without intermediate flat bar stiffe complete, as directed. In ground floor.	rs secu	rely fix	ed to the fl	at bar fram	ne) with or			
		Kg	1	3.000	3.000	35.000	315.00		
	4x0.5	Kg	2/2				271.00	13.5.67	
	Total Qty. 322	Kg	1				586.00		.39256.14
9	Page No - 45, Item No - 06 16 - 21 Cleaning the exposed reinforcemen	PWD	Road	sche			450.67		
	applying two coats of polymer base removing the coating and then app corrosive protective coating formula as per manufacturer's specification] area of reinforcement shall be considered.	lying twated to [Mode	o (2) inhibit of mea	coats of po the corrosi surement:	olymer mo	dified anti			
		Sqm	1	3.000	3.000		9.00		
		Sqm	2 🔀	1.460	2.655		8.00	387	65/2:2
	Total Qty.	Sqm	4				77.00	7 <del>85.0</del> 0	13345.00
			Total				1287	Rs.	84542.64
	Add @ 12.00% SGST(6%) & CGST	(6%)					Rs	4774.35	10145.12
	Total Amount						Rs	9 1 227 - 28	94687.76
	Add @ 1.00% Labour welfare Cess						Rs	912:29	946.88
	Add @ 3.00% Contengensis						Rs	2736.82	2840.63
	Total						Rs	9487637	98475.27
	15000 70,12.19			( BADEW	1 - 4	Say	Rs.	94876:00	98475.00
	K. PANJA			( 1/2	rrune	In Jon	2 thon	and reig	Wh hundre
	Assistant Engineer Chairman	in ality				Siv	ewy s	and seign	
	ralipta Municipality Tamralipta Munic	ipanty			N	1-18			
	weller)		1 ette	d	1	/ELI	ea		
×	July 2	1					Shu		
	Many Langer Man	be .	12/12	119			12/12	119	
	Assist	ant Engl	near.	1		Execu	tive Engine	84.	
	Fast Me	dinipur Die.) To of West	Mulan			East Me	dinipur Divi Die ) Tamk of West Ben	ston A	
	CON								

Page-47

# CROSS SECTION OF DRAIN - 9 AT KAPASBARIA IN WRAD NO - 19 WITHIN TAMRALIPTA MUNICIPALITY

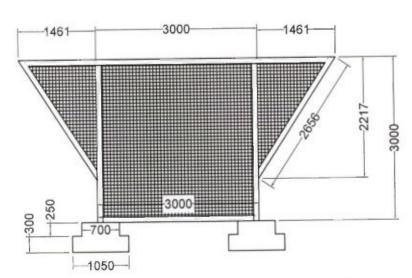


## SECTIONAL PLAN OF DRAIN

(AT CHAINAGE 75M FROM OUT FALL POINT)

1412/19

Assistant Engineer, East Medinipur Division (M.E. Dte.) Tamluk Govt. of West Bengal



Executive Engineer, East Medinipur Division (M.E. Die.) Tamluk Govt. of West Bengal

SECTIONAL PLAN OF GRATING

12000 1012-19 1. PANJA

Sub-Assistant Engineer Tamralipta Municipality

# EXTRACT COPY OF THE RESOLUTION NO. 54 OF THE MEETING OF THE BOARD OF COUNCILLORS OF TAMRALIPTA MUNICIPALITY. HELD ON FRIDAY, 29.11.2019 AT 3.00 P.M.

A meeting of the Board of Councillors of Tamralipta Municipality held at municipal office on Friday, 29.11.2019.

#### MEMBERS PRESENT

1.	Shri Rabindra Nath Sen	Chairman
2.	Shri Dipendra Narayan Roy	Vice-Chairman
3.	Shri Saktiprashad Bhattacharya	Councillor
4.	Anowara Begam	Councillor
5.	Shri Chandan Dey	Councillor
6.	Shri Bhanupada Saha	Councillor
7.	Smt. Ranjita Jana	Councillor
8.	Smt. Baisakhi Maity Panrah	Councillor
9.	Shri Jharupada Barman	Councillor
10.	Shri Biswajit Dutta	Councillor
11.	Shri Chanchal Khanra	Councillor
12.	Shri Subrata Roy	Councillor
13.	Smt. Sampa Rani Bera	Councillor
14.	Shri Alok Santra	Councillor
15.	Shri Chandan Pradhan	Councillor
16.	Smt. Lina Mabhai Roy	Councillor
17.	Sufia Bibi	Councillor
18.	Shri Prithwis Nandy	Councillor
		MILOIIIOI

#### Agenda No. 54:

The BOC has thoroughly discussed about the proposal for construction of screening arrangement across the drain in different Mouzas and Wards within this municipality with the financial assistance of the M.A. & U.D. Department, Govt. of W.B. and the B.O.C. also decided to forward the following proposal for vetting.

S1 No	Description of Work	Value of Work		
1	Construction of screening arrangement across the drain at Sayedpur, in Ward No 02 and at Ratnali in Ward No 03 within Tamralipta Municipality.	Estimate Value	Rs.	135063.00
2	Construction of screening arrangement across the drain at Radhaballavpur, in Ward No 03 within Tamralipta Manicipality.	Estimate Value	Rs.	92261.00
3	Construction of screening arrangement across the drain at Padumbasan, in Ward No 05 within Tamralipta Municipality.	Estimate Value	Rs.	15942.00
4	Construction of screening arrangement across the drain at Uttarchara Sankarara, in Ward No 14 within Tamralipta Municipality.	Estimate Value	Rs.	15942.00

Chairman
Tamralipta Municipality

Si No	Description of Work	Value of Work			
5	Construction of screening arrangement across the drain at Salgechia, in Ward No 17 within Tamralipta Municipality.	Estimate Value	Rs.	15942.00	
6	Construction of screening arrangement across the drain at Daharpur & Dharinda, in Ward No 16 & 20 within Tamralipta Municipality.	Estimate Value	Rs.	98475.00	
8	Construction of screening arrangement across the drain at Sankarara, in Ward No 17 within Tamralipta Municipality.	Estimate Value	Rs.	15942.00	
9	Construction of screening arrangement across the drain at D.C. Sankarara, in Ward No 15, 18 & 19 within Tamralipta Municipality.	Estimate Value	Rs.	196903.00	
10	Construction of screening arrangement across the drain at Kapasberia, in Ward No 19 within Tamralipta Municipality.	Estimate Value	Rs.	98475.00	
11	Construction of screening arrangement across the drain at Kapasberia, in Ward No 19 within Tamralipta Municipality.	Estimate Value	Rs.	98475.00	
	т	OTAL AMOUNT	RS	7,83,420.00	

S/d-

Chairman, 29.11.2019 Tamralipta Municipality.

Chairman
Tamralipta Municipality

# Report on 16.03.2020 Details of Outfalls under HMC, where net has been fitted/to be fitted.

River Stretch:			Priority:		D	
Drain	Type Domestic/ industrial/ mixed	Quantity (MLD)	BOD (mg/l)	FC (MPN/100ml)	Remark	
1.	Howrah Drainage Channel				Under Irrigation Dept.	
2.	B Garden Khal				HMC (Work under progress)	
3.	Swarnamoyee Khal				Under Irrigation Dept.	
4.	Under Ground Drain near Shalimar Gate No1				HMC (Work under progress)	
5.	Jagat Banerjee Ghat Road ( Near Shibpur Burning Ghat)				HMC (Work Completed)	
6.	Forshore Road near KMWSA Pump House				HMC (Work Completed)	
7.	Ramkrishnapur Ghat (Near Mullick Ghat Road)				HMC (Work Completed)	
8.	Telkal Ghat Road (Nityadhan Mukherjee Road)				Not yet Started	
9.	Kings Road (Near Salt Gola Ghat)				Under KMDA (Work Completed as reported by KMDA.)	
10.	Golabari Ghat Road				Under KMDA (Work Completed as reported by KMDA.)	
11.	Kisanlal Burman Road (Badha Ghat - I)				HMC (Work Completed)	
12.	Kisanlal Burman Road (Badha Ghat - II)				HMC (Work Completed)	
13.	J.N. Mukherjee Road & River Hooghly (Side of Hanuman Gate Mill)				Under KMDA (Work dene by HMC)	

14.	Jayabibi Road	HMC (Work
		Completed)
15.	Akshay Dutta	HMC (Work
	Lane	Completed)
16.	Mahendra Bagchi	HMC (Work
	Lane	Completed)
17.	Daws Temple	Private (Work not
	Road	started)
18.	Ghoshes Lane	HMC (Work
		Completed)
19.	Nichu Sk. Lane	HMC (Work
		Completed)
20.	Lalababu Shire	HMC (Work
	Road	Completed)
21	B.K. Paul Temple	HMC (Work
	Road	Completed)
22.	Ramlochon Shire	HMC (Work
	Street	Completed)
23.	A.N. Pal Lane	HMC (Work
		Completed)
24.	Ashutosh	HMC (Work
	Mukherjee Lane	Completed)
25.	Near Bally	HMC (Work
	Nursing Home	Completed)
26.	Gossai Ghat Road	HMC (Work not
		started)
27.	Bagdi Para near	HMC (Work
	Forshore Road,	started yet to be
	Shibpur	Completed)
28.	Bally BOC	HMC (Work
	Ground	Completed)

Executive Engineer Howrah Municipal Corporation

# Director, SUDA

Re.: Submission of status of screening for drain discharging into the river Ganga to SBM cell, SUDA as per direction of the Chairperson of High Power State Level Committee constituted under the direction of Hon'Ble National Green Tribunal (NGT)

- 1. Name of the Municipality/Municipal Corporation The Kolkata Municipal Corporation
- 2 Total no. of outfall/discharging point which discharge to river Ganga: 09 No.s
- 3. No. of outfall point under control of Municipality/ Municipal Corporation : 09 No.s
- 4 No. of Outfall point under control of other than Municipality/ Municipal Corporation :pNIL
- 5 If any, mention the controlling authority NA
- 6. No. of outfall where screens was already exists: 01 [One]
- 7 No. of outfall having screens provided at present 08 No.s [12 No.s Screen]
- 8 No. of screens installed: Installation of 12 no s screens completed on 03.09.2019
- 9. No. of outfall point without screening. Nil.

10. Reason, if any : N/A

Asstt. Engineer (C)/S&D(S)

Ex. Engineer (C)/S&D(S)

E. E. (C) / S & D (S)
THE KOLKATA MUNICIPAL CORPORATION

An 21/02/2020

Director General

9932354032

Recieval via a mast 2020.



Mail 18/2/100M



# রাজ্য নগর উন্নয়ন সংস্থা STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

क्रिक नर SUDA-229/2018 9363

जातिथ 12.02.20

From: Director, SUDA.

To: The Chairperson,
Bansberia Municipality,
Hoogly.

Sub: Requirement of fund for providing screens across channel/drain discharging to river Ganga within Bansberia Municipality.

Ref: Your Memo no: 4382 dated: 03.01.20

Madam,

In reference to the above this is to remind you that in the meeting, on Municipal Solid Waste Management and Monitoring of Ganga Towns, held on 10<sup>th</sup> July, 2019 at SUDA Conference Hall, a decision has been taken that work related to screening on small nullah/drain up to the size of 1.2m x 1.2m to be executed by the Municipal Authority of its own. Reimbursement of funds for installation of screens above 1.2m x 1.2m may be claimed with work done estimate duly vetted by the concerned Executive Engineer of KMDA/M.E.Dte. The copy of the said minutes is being attached herewith for your ready reference please.

You are therefore requested to kindly send reimbursement claim for screen installation on drains of size above 1.2m X 1.2m.

Encl: As stated above

Yours faithfully,

Director, SUDA

Tel: 2358 6403/5767, Fax: 2358 5800, E-mail: wbsudadir@gmail.com

Account Section: 2358 6408

Draft

From: Director, SUDA.

To: The Chairperson,
Bansberia Municipality,
Hoogly.

Sub: Requirement of fund for providing screens across channel/drain discharging to river Ganga within Bansberia Municipality.

Ref: Your Memo no: 4382 dated: 03.01.20

### Sir/Madam, Sin,

In reference to the above this is to remind you that in the meeting, on Municipal Solid Waste Management and Monitoring of Ganga Towns, held on 10<sup>th</sup> July, 2019 at SUDA Conference Hall, a decision has been taken that work related to screening on small nullah/drain up to the size of 1.2m x 1.2m to be executed by the Municipal Authority of its own. Reimbursement of funds for installation of screens above 1.2m x 1.2m may be claimed with work done estimate duly vetted by the concerned Executive Engineer of KMDA/M.E.Dte. The copy of the said minutes is being attached herewith for your ready reference please.

You are therefore requested to kindly send reimbursement claim for screen installation on drains of size above 1.2m X 1.2m.

Thanking you,

Encl: As stated above

Yours faithfully,

Director \$LIDA

Rudra Main Road, P.O. Bansberia, District Hooghly, West Bengal, P.I.N. 712502 Phone No. 033 26346324, Fax No. 26346806, email address: bansb\_04@yahoo.com

Memo No: 4382\_\_\_\_

The Director, SUDA & State Mission Director, SBM Government of West Bengal, "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal.



Date:3/1/2020

EE(SD) why had of

Sub: Screening on outfalls to river Ganga – Request for Administrative Approval and Financial Sanction and Allotment of Funds

Madam,

A photocopy of Project Director, WBSPMG & CEO, KMDA letter bearing No. 1758-NGRBA /SPMG/Ganga Committee-374/2017(P-1) dated 8th March 2019 on the subject mentioned above, along with enclosures, is enclosed for your kind perusal.

I would now draw your kind attention to the fact that we have installed the screens and have the "Details of screening on all the 16 outfalls to River Ganga for arresting solid waste". According to the amount vetted by the KMDA the expenditure for the implementation of the proposal is given in the enclosed Abstract of work.

Under the above circumstances, I request you to kindly issue instructions for the expeditious Administrative Approval and Financial Sanction and Allotment of Funds.

Yours faithfully

Chairperson

Bansberia Municipality

Chairperson

Bansberia Municipality

Enclo: Photocopy of letter as stated above along with Abstract and Work order's

Memo no!

Date:

Copy forwarded for kind information and necessary action to:

(1) The Chief Executive Officer, Kolkata Metropolitan Development Authority, Unnayan Bhavan, DJ - 11, Scc - II, Salt Lake, Kolkata – 700091.

Chairperson Bansberia Municipality





# BANSBERIA, HOOGHLY

₹3,24,280.00	Total Amount					
₹1,46,152.00	₹73,076.00	$1 \times 2 = 2 \text{ Nos.}$	4.00 m X 4.00 m	III)	(Under West Bengal State NGRBA Programme Fund)	
₹98,642.00	₹49,321.00	$1 \times 2 = 2 \text{ Nos.}$	3.00 m X 3.00 m	ij	Drain of River Ganga (River Hooghly) for Preventing	4
₹79,486.00	₹39,743.00	$1 \times 2 = 2 \text{ Nos.}$	2.50 m X 2.50 m	j)	Construction of Catch Pit and Supplyong, Fitting and Fixing Iron Net at the Out Fall of Surface Drain & Pine	
₹4,64,096.00	Total Amount					
₹1,46,152.00	₹73,076.00	$1 \times 2 = 2 \text{ Nos.}$	4.00 m X 4.00 m	ij	Plastic and other Solid Materials in Ward No. 12, 13, 20. (Under West Bengal State NGRBA Programme Fund)	ω
₹3,17,944.00	₹39,743.00	4 x 2 = 8 Nos.	2.50 m X 2.50 m	Ü	Construction of Catch Pit and Supplyong, Fitting and Fixing Iron Net at the Out Fall of Surface Drain & Pipe Drain of River Ganga (River Hooghly) for Preventing	
₹3,94,568.00	Total Amount					
₹3,94,568.00	₹49,321.00	4 x 2 = 8 Nos.	3.00 m X 3.00 m	ı)	Construction of Catch Pit and Supplyong, Fitting and Fixing Iron Net at the Out Fall of Surface Drain & Pipe Drain of River Ganga (River Hooghly) for Preventing Plastic and other Solid Materials in Ward No. 06, 07. (Under West Bengal State NGRBA Programme Fund)	22
₹4,70,432.00	Total Amount					
₹2,92,304.00	₹73,076.00	$2 \times 2 = 4 \text{ Nos.}$	4.00 m X 4.00 m	iii)	(Under West Bengal State NGRBA Programme Fund)	
₹98,642.00	₹49,321.00	$1 \times 2 = 2 \text{ Nos.}$	3.00 m X 3.00 m	ij	Drain of River Ganga (River Hooghly) for Preventing  Plastic and other Solid Materials in Ward No. 02, 03, 04	<b>,</b>
₹79,486.00	₹39,743.00	$1 \times 2 = 2 \text{ Nos.}$	2.50 m X 2.50 m	ij	Construction of Catch Pit and Supplyong, Fitting and	
Amount	Rate for Size	Qnty.	Type / Size of Net		Name of Work	Sl. No.
				1		







Grand Total Amount

₹ 16,53,376.00

Rudra Main Raod, P.O. Bansberia, Dist. Hooghly, West Bengal, PIN – 712502 Ph. No. 033-26346324, Fax No. 26346806, email address: bansb\_04@yahoo.com

Memo No .: - 2771

Dated:- 18.9,19

TN-3 (19-20), SL-31

From :- Smt. Arijita Sil,

Chairperson,

Bansberia Municipality.

To :- Barun Kumar Sett, Bansberia Kundu Goli,

Bansberia, Hooghly.

Dear Sir,

Your tender dt. <u>02/09/2019</u> for the work named below has been accepted. You are requested to take up the work immediately and the work must be completed within <u>15 days</u> from the date of agreement. You are to give an undertaking in writing regarding completion of the work in schedule time.

As regards collections of materials for execution of the work, the materials will have to be produced by you and the Municipality will not take the responsibility of supplying <u>sand</u>, <u>cement</u>, <u>etc.</u> as required for the work. As regards utilization of materials, the same must be approved by the authorized person of this office.

Please note that the work should be started after due intimation to the office. If any one takes up the work without intimation, the Municipality shall not take any responsibility of the work to done by you.

The work to be done under the supervision of municipality staff and no payment will be made for any work in excess of work of the items specified in the specification enclosed with this order, unless such excess work is ordered in writing by the undersigned.

As regards rate of payment, your tender rate with own supply of materials has been accepted.

The contractor himself or his authorized representative should be present at the site during execution of the job.

An agreement should be executed on non-judicial stamp paper worth Rs. 10/- (Rupees Ten) within seven days from the date of receipt of this work order, otherwise the work if started without prior execution of the Agreement, will be treated as without permission of the municipality.

Tender Sl. No.	Name of Work	Estimated Value (Rs.)	Accepted tender Rate
31	Construction of Catch Pit and Supplying, fitting and fixing Iron Nett at the outfall of Surface Drain & Pipe Drain of River Ganga (River Hooghly) for preventing plastic and other solid materials in Ward No. 6, 7 (Under West Bengal State NGRBA Programme Fund)	Rs. 3,94,568/-	0.05 % Less

Chairperson

Bansberia Municipality

Chairperson

Bansberia Municipality

Rudra Main Raod, P.O. Bansberia, Dist. Hooghly, West Bengal, PIN - 712502 Ph. No. 033-26346324, Fax No. 26346806, email address: bansb 04@yahoo.com

Memo No.:-2771/1(10)

Dated:- 18.9.19

### Copy forwarded to :-

- 1. The Executive Officer, Bansberia Municipality, Bansberia, Hooghly.
- 2. Finance Officer, Bansberia Municipality, Bansberia, Hooghly.
- 3. C.I.C. (PWD), Bansberia Municipality.
- 4. Ward Councillor, Ward No. ... & 7...... for favour of his/her information.
- 5. S.A.E/A.E./W.W.S., Sri.....
- 6. Head Clerk
- 7. Accountant-in-Charge
- 8. Ward Supervisor, Ward No.....6 & 7.....

The contractor should not be allowed to do any excess work without written order from the undersigned, if any work is felt necessary, he shall have to report the matter to the undersigned immediately and take instruction in writing from the office.

He is also directed, not to take measurement for any work done by the contractor, in excess of the volume of works covered by the above noted work order except under writing order from the undersigned.

Bansheria Municipality Bansberia Municipality

Rudra Main Raod, P.O. Bansberia, Dist. Hooghly, West Bengal, PIN – 712502 Ph. No. 033-26346324, Fax No. 26346806, email address: <u>bansb\_04@yahoo.com</u>

Memo No .:- 2772

Dated:- 18.9. 19

From :- Smt. Arijita Sil,

Chairperson, Bansberia Municipality.

TN-3 (19-20), Sl.- 32

To :- M/s. Sarkar Enterprise,

Shibpur Hazrapara, Tribeni, Hooghly.

Dear Sir,

Your tender dt. <u>02/09/2019</u> for the work named below has been accepted. You are requested to take up the work immediately and the work must be completed within <u>20 days</u> from the date of agreement. You are to give an undertaking in writing regarding completion of the work in schedule time.

As regards collections of materials for execution of the work, the materials will have to be produced by you and the Municipality will not take the responsibility of supplying **cement**, **sand**, **etc**. as required for the work. As regards utilization of materials, the same must be approved by the authorized person of this office.

Please note that the work should be started after due intimation to the office. If any one takes up the work without intimation, the Municipality shall not take any responsibility of the work to done by you.

The work to be done under the supervision of municipality staff and no payment will be made for any work in excess of work of the items specified in the specification enclosed with this order, unless such excess work is ordered in writing by the undersigned.

As regards rate of payment, your tender rate with own supply of materials has been accepted.

The contractor himself or his authorized representative should be present at the site during execution of the job.

An agreement should be executed on non-judicial stamp paper worth Rs. 10/- (Rupees Ten) within seven days from the date of receipt of this work order, otherwise the work if started without prior execution of the Agreement, will be treated as without permission of the municipality.

Tender Sl. No.	Name of Work	Estimated Value (Rs.)	Accepted tender Rate
32	Construction of Catch Pit and Supplying, fitting and fixing Iron Nett at the outfall of Surface Drain & Pipe Drain of River Ganga (River Hooghly) for preventing plastic and other solid materials in Ward No. 12, 13, 20 (Under West Bengal State NGRBA Programme Fund)	Rs. 4,64,096/-	0.10 % Less

Chairperson
Bansberia Municipality
Chairperson
Bansberia Municipality

Rudra Main Raod, P.O. Bansberia, Dist. Hooghly, West Bengal, PIN - 712502 Ph. No. 033-26346324, Fax No. 26346806, email address: bansb\_04@yahoo.com

Memo No.:- 2772/1(12)

Dated:- 18.9.19

# Copy forwarded to :-

- 1. The Executive Officer, Bansberia Municipality, Bansberia, Hooghly.
- 2. Finance Officer, Bansberia Municipality, Bansberia, Hooghly.
- 3. C.I.C. (PWD), Bansberia Municipality.
- 4. Ward Councillor, Ward No. ... 12, 13 & 20..... for favour of his/her information.
- 5. S.A.E/A.E./W.W.S., Sri.....
- 6. Head Clerk
- 7. Accountant-in-Charge
- 8. Ward Supervisor, Ward No.....12, 13 & 20......

The contractor should not be allowed to do any excess work without written order from the undersigned, if any work is felt necessary, he shall have to report the matter to the undersigned immediately and take instruction in writing from the office.

He is also directed, not to take measurement for any work done by the contractor, in excess of the volume of works covered by the above noted work order except under writing order from the undersigned.

Bansberia Municipality

Rudra Main Raod, P.O. Bansberia, Dist. Hooghly, West Bengal, PIN – 712502 Ph. No. 033-26346324, Fax No. 26346806, email address: <u>bansb\_04@yahoo.com</u>

Memo No .:- 2773

Dated:- 18.9.19

TN-3 (19-20), SL-33

From :- Smt. Arijita Sil,

Chairperson,

Bansberia Municipality.

:- Arun Kumar Sett, Bansberia Kundu Goli, Bansberia, Hooghly.

Dear Sir,

To

Your tender dt. <u>02/09/2019</u> for the work named below has been accepted. You are requested to take up the work immediately and the work must be completed within <u>15 days</u> from the date of agreement. You are to give an undertaking in writing regarding completion of the work in schedule time.

As regards collections of materials for execution of the work, the materials will have to be produced by you and the Municipality will not take the responsibility of supplying **cement**, **sand**, **etc**. as required for the work. As regards utilization of materials, the same must be approved by the authorized person of this office.

Please note that the work should be started after due intimation to the office. If any one takes up the work without intimation, the Municipality shall not take any responsibility of the work to done by you.

The work to be done under the supervision of municipality staff and no payment will be made for any work in excess of work of the items specified in the specification enclosed with this order, unless such excess work is ordered in writing by the undersigned.

As regards rate of payment, your tender rate with own supply of materials has been accepted.

The contractor himself or his authorized representative should be present at the site during execution of the job.

An agreement should be executed on non-judicial stamp paper worth Rs. 10/- (Rupees Ten) within seven days from the date of receipt of this work order, otherwise the work if started without prior execution of the Agreement, will be treated as without permission of the municipality.

Tender SI. No.	Name of Work	Estimated Value (Rs.)	Accepted tender Rate
33	Construction of Catch Pit and Supplying, fitting and fixing Iron Nett at the outfall of Surface Drain & Pipe Drain of River Ganga (River Hooghly) for preventing plastic and other solid materials in Ward No. 8, 9 (Under West Bengal State NGRBA Programme Fund)	3,24,280.00	At Par

Chairperson

Bansberia Municipality

Chairperson

Bansberia Municipality

Rudra Main Raod, P.O. Bansberia, Dist. Hooghly, West Bengal, PIN – 712502 Ph. No. 033-26346324, Fax No. 26346806, email address: bansb 04@yahoo.com

Memo No.:- 2773/1(10)

Dated:- 18.9.19

Copy forwarded to :-

- 1. The Executive Officer, Bansberia Municipality, Bansberia, Hooghly.
- 2. Finance Officer, Bansberia Municipality, Bansberia, Hooghly.
- 3. C.I.C. (PWD), Bansberia Municipality.
- 4. Ward Councillor, Ward No. ... 8 & 9..... for favour of his/her information.
- 5. S.A.E/A.E./W.W.S., Sri.....
- 6. Head Clerk
- 7. Accountant-in-Charge
- 8. Ward Supervisor, Ward No.....8 & 9.....

The contractor should not be allowed to do any excess work without written order from the undersigned, if any work is felt necessary, he shall have to report the matter to the undersigned immediately and take instruction in writing from the office.

He is also directed, not to take measurement for any work done by the contractor, in excess of the volume of works covered by the above noted work order except under writing order from the undersigned.

Chairperson

Bansberia Municipality Chairperson

Bansberia Municipality



Rudra Main Road ,P.O: Bansberia,Dist: Hooghly ,West Bengal,Pin -712502 Ph.no :033-26346324,Fax No. 033-26346806,Email address: bansb\_04 @yahoo.com



Memo No .:-

Dated:-

From :- Smt. Arijita Sil,

Chairperson,

Bansberia Municipality.

To :- SHA-SIM,

88, Deshpriya Sarani, Bansberia, Hooghly.

	Tender Details
TN No.	TN-03_2nd Call_(19-20)
Date:	25/11/2019
Sl. No.	08

Dear Sir,

Your tender dt. <u>09/12/2019</u> for the work named below has been accepted. You are requested to take up the work immediately and the work must be completed within <u>20 days</u> from the date of agreement. You are to give an undertaking in writing regarding completion of the work in schedule time.

As regards collections of materials for execution of the work, the materials will have to be produced by you and the Municipality will not take the responsibility of supplying <u>Cement</u>, <u>Sand</u>, <u>etc.</u> as required for the work. As regards utilization of materials, the same must be approved by the authorized person of this office.

Please note that the work should be started after due intimation to the office. If any one takes up the work without intimation, the Municipality shall not take any responsibility of the work to done by you.

The work to be done under the supervision of municipality staff and no payment will be made for any work in excess of work of the items specified in the specification enclosed with this order, unless such excess work is ordered in writing by the undersigned.

As regards rate of payment, your tender rate with own supply of materials has been accepted.

The contractor himself or his authorized representative should be present at the site during execution of the job.

An agreement should be executed on non-judicial stamp paper worth Rs. 10/- (Rupees Ten) within three days from the date of receipt of this work order, otherwise the work if started without prior execution of the Agreement, will be treated as without permission of the municipality.

Tender Sl. No.	Name of Work	Estimated Value (Rs.)	Accepted Tender Rate
08	Construction of Catch Pit and Supplying, fitting and fixing Iron Nett at the outfall of Surface Drain & Pipe Drain of River Ganga (River Hooghly) for preventing plastic and other solid materials in Ward No. 2, 3, 4 (Under West Bengal State NGRBA Programme Fund)	Rs. 4,70,432/-	@ At Par

Sd/-Chairperson Bansberia Municipality



Rudra Main Road ,P.O: Bansberia,Dist: Hooghly ,West Bengal,Pin -712502 Ph.no:033-26346324,Fax No. 033-26346806,Email address: bansb 04 @yahoo.com



Memo No .:- 4175 /1(12)

Dated: -20/12/19

### Copy forwarded to :-

- 1. The Executive Officer, Bansberia Municipality, Bansberia, Hooghly.
- 2. Finance Officer, Bansberia Municipality, Bansberia, Hooghly.
- 3. C.I.C. (P.W.D.), Bansberia Municipality.
- 4. Ward Councillor, Ward No. .....2,3,4............for favour of his/her information.
- 5. S.A.E/W.W.S., Sri.....
- 6. Head Clerk
- 7. Accountant.
- 8. W.S. in Ward No......2,3,4.....

The contractor should not be allowed to do any excess work without written order from the undersigned, if any work is felt necessary, he shall have to report the matter to the undersigned immediately and take instruction in writing from the office.

He is also directed, not to take measurement for any work done by the contractor, in excess of the volume of works covered by the above noted work order except under writing order from the undersigned.

Chairperson
Bansberia Municipality
Chairperson

Bansberia Municipality

# Rate Analysis of Grating 2.5 m X 2.5 m (Type 1)

	Particulars of Item	Amount (Rs.)
1	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101)  For 2nos Channels in sides of grating = 2 x 3.5m @16.8 kg / meter = 117.6 kg.  @ Rs. 60276 per M.T. = 0.1176 x 60276 = Rs. 7088.46	7088.46
	M.S. works in framed gratings of window etc.made of round or square bars and frame	1000711
2	M.S. works in framed gratings of window etc. made of the flat bar frame) with or without work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. (Building). IT No - 12; Pg.no - 104)  Total - 2.5m X 2.5m @ 35 kg / sqm. = 218.75 kg  @ Rs. 6299.00 per qntl. for 2.1875 Qntl	13779.06
-	Reinforced cement concrete - M - 20	
3		5837.86
	1 Cum. @ Rs. 5837.86 Steel reinforcement for R.C.C. work	
4		5265.86
	@ 1% of RCC volume - 78.5 kg @ Rs. 67081/MT	
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 2.5 x 2.5 = 6.25 Sqm. @ Rs. 506.00 per Sqm.	3162.5
	Total - Rs.	35133.74
	Adding 12% GST , Rs.	4216.05
	Adding 1% Cess over GST added amount , Rs.	393.50
	Total , Rs.	39743.29
	Say, Rs.	39743.00

\$ (JEINBO | WAS)

11/3/19

# Rate Analysis of Grating 3.0 m X 3.0 m (Type 2)

S	Rate Analysis of Grating 3.0 m X 3.0 m (Type 2)	
-	Particul	
1	section, consumables such as electrodes, gas and hire charge of all tools and plat charges, labour insurance charges etc. (P.W.D 2017. (Building). IT No - 2A, Pg.no - 101)  Rs. 60276 per M.T. = 0.1344 x 60276	8. 4. Pel nts
2	M.S. works in framed gratings of window etc.made of round or square bars and fram work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as (P.W.D 2017. (Building). IT No - 12; Pg.no - 104)	8101 09 Be
	Total - 3.0 m X 3.0 m @ 35 kg / sqm. = 315.0 kg  Rs. 6299.00 per qntl. for 3.15 Qntl	10
3	Reinforced cement concrete - M - 20  1 Cum. @ Rs. 5837.86	19841.85
4	Steel reinforcement for R.C.C. work	5837.86
	@ 1% of RCC volume - 78.5 kg @ Rs. 67081/MT  Providing anti-corrosive protective coating to inhibit the corrosion to HYSD manufacturer's specification.	5265.86
5	reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 3.0 x 3.0 = 9.0 Sqm. @ Rs. 506.00 per Sqm.	
	Total - Rs.	4554
		43600.66
	Adding 12% GST , Rs	5232.08
		488.33
	Say , Rs	49321.07

\$ 103/19 1WBD/ GAP)

Vetter.

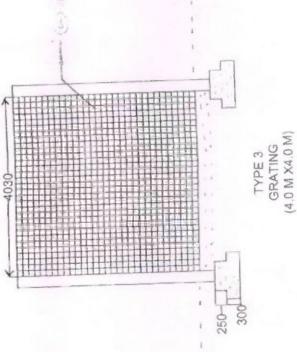
Rate Analysis of Grating 4.0 m X 4.0 m (Type 3)

no.	Particulars of Item	Amount (Rs.)
1	M.S. structural works in columns, beams etc. with ampie miles structural members to glipists, angle, channel sections conforming to 15–226, 15–808 & SP (6)–1964 connected to one another with bracket, gusse's, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, tabrication with necessary bolting, metal arc welding conforming to 15–816–1969 & IS: 1995 using electrodes of approved make and brand conforming to 15:814–2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and fine charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc. (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101) For 2nos. Channels in sides of grating = 2 x 5.0 m @16.8 kg / meter = 168.0 kg. @ Rs. 60276 per M.T. = 0 168 x 60276.00	10126.37
2	M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. (Building). IT No - 12; Pg.no - 104)  Total - 4.0 m X 4.0 m @ 35 kg / sqm. = 560.0 kg	35274.40
3	@ Rs. 6299.00 per qntl. for 5.60 Qntt Reinforced cement concrete - M - 20  1 Cum. @ Rs. 5837.86	5837.86
4	Steel reinforcement for R.C.C. work  @ 1% of RCC volume - 78.5 kg @ Rs. 67081/MT	5265.86
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 4.0 x 4.0 = 16.0 Sqm. @ Rs. 506.00 per Sqm.	8096.00
	Total - Rs.	64600.49
	Adding 12% GST , Rs	7752.06
	Adding 1% Cess over GST added amount , Rs	723.53
	Total, Rs	73076.07

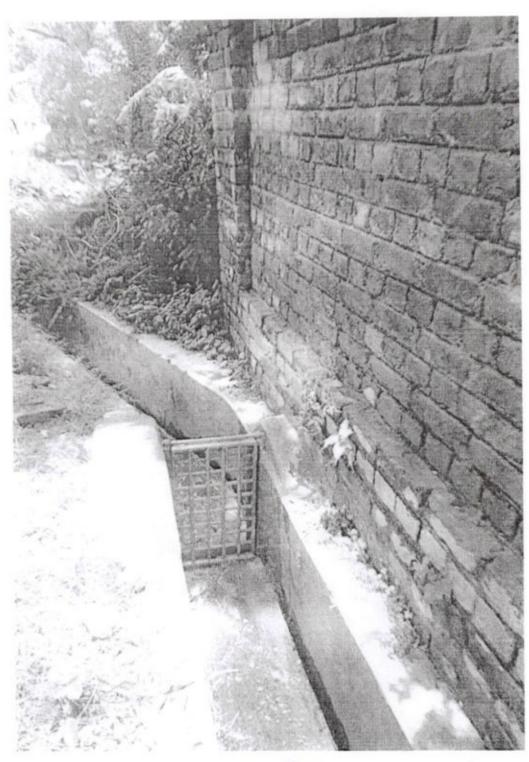
(FE/WBD/WAS)

und 11/3/19

300 1050



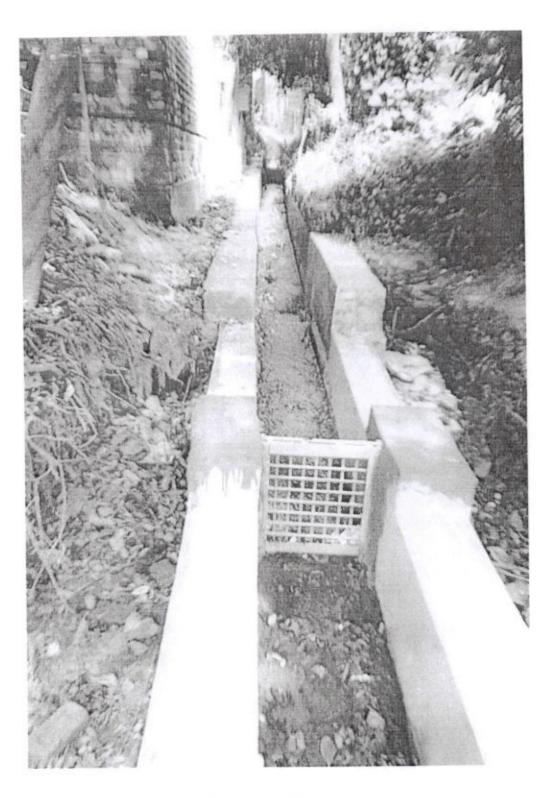
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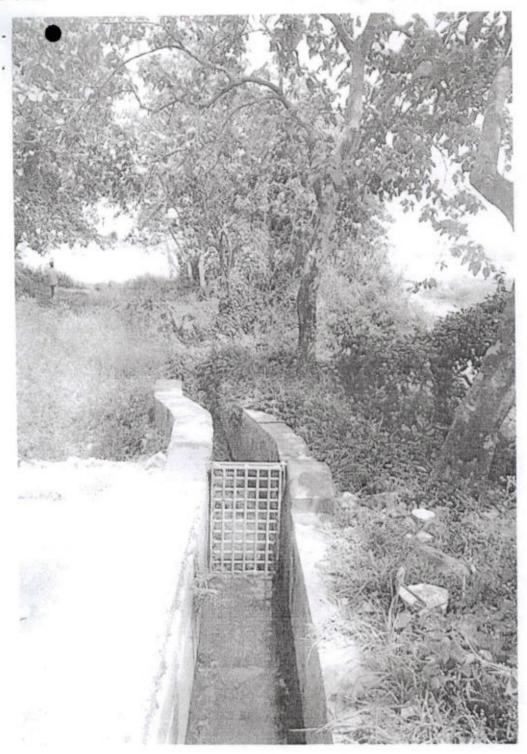
Bansberia Kundu Ghat, Ward No-6.



Bansbersia Gamesh Ghat, word No-6.



Bansberia Gamesh Gihat, Word No-6.



Bansberria Kundu Gihat, Ward No-6.

# Status report for instalation of screener, Haldia Municipality

2 Moutu	10%	07	01	08	_
Completion					
completion)			WOLV SIGHTOR	to be instaled	
(Construction	work Completed (Construction	work not vet started	work started		
	I electivade e	Nos. of Scieelie	No.of Screener	SI.No Total nos. of Screener	SI.No
Time limitt	Dercentage of	1 Corocoro			

Executive Officer, 2no

Haldia Municipality.

Executive Office
Municipality
Futhe Medinipur

B, Secy , VD & MA 1913/19





# Kolkata Metropolitan Development Authority

Memo No: 1758 - NGRBA SPMG/ Grouge Committee - 324/2017 (P-1)

Dated: 08.03.2019

From: Project Director, WBSPMG

& CEO, KMDA.

To: The Chairman/Chairperson

Baidyabati, Bansberia, Baranagar, Berhampore, Bhadreswar, Bhatpara, Budge Budge, Chakdah, Champdany, Dhulian, Diamond Harbour, Garulia, Gayeshpur, Haldia, Halisahar, Hooghly Chinsurah, Jangipur, Jiaganj-Azimganj, Kalyani, Kamarhati, Kanchrapara, Katwa, Khardah, Konnagar, Krishnanagar, Maheshtala, Murshidabad, Nabadwip, Naihati, North Barrackpore, Panihati, Rishra, Santipur, Serampore, Titagarh, Uluberia, UttarparaKotrung, HMC, Chandannagore MC, DurgapurMC, Asansol MC

Ref: Prin. Secy / UD&MA/2019/069(SUDA-50/2016) dated 19.02.19

Sir/Madam,

In reference to the discussion of the meeting held on 16.2.19 with the representatives of the 40 Ganga towns at conference hall of Stadel, Saltlake and communication made by the Principal Secretary, UD&MA, GoWB thereafter regarding some directions given for immediate action on the issue of solid waste management for necessary compliance for abatement to pollution to river Ganga it is expected that all the concerned ULBs have taken necessary initiatives for the said purpose.

With some other directions it has been directed to take required action for screening on all outfalls/channels leading river Ganga at interval with reasonable distance away from culminating points to restrict /arrest Solid waste from flowing directly or indirectly to the river. Necessary action is expected to be taken by the concerned ULBs. You are requested to send requirement of fund along with the plan of action for screening on all the outfalls following the model estimate enclosed herewith for submission of the same to WBPCB for allocation of fund for the said purpose.

For the IEC activities by displaying placards, festoons and other form of public awareness with antilittering message at all the ghats and vulnerable points required fund may be placed out of the SPMG fund meant for the IEC and Public outreach activities for the purpose of mass awareness and information on submission of requisition to PD, SPMG.

Immediate action required to be taken for the compliance of the order of the Hon-ble NGT to avoid any adverse order in this regard for non compliance.

Enclo: model estimate for screening

Project Director, WBSPMG & CEO, KMDA

Memo No: 1758/1(2)-NGRBA/SPMG/ Gauga Committee-374/2017(P-) Date: March 11, 2019
Copy forwarded for information and necessary action to

1. Director SUDA

2. PS to Principal Secretary, UD&MA

Project Director, WBSPMG

### Rate Analysis of Grating 2.5 m X 2.5 m (Type 1)

SI no.	Particulars of Item	Amount (Rs.)
1	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101)  For 2nos. Channels in sides of grating = 2 x 3.5m @16.8 kg / meter = 117.6 kg.  @ Rs. 60276 per M.T. = 0.1176 x 60276 = Rs. 7088.46	
		7088.46
2	M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. (Building ). IT No - 12; Pg.no - 104)  Total - 2.5m X 2.5m @ 35 kg / sqm. = 218.75 kg  @ Rs. 6299.00 per qntl. for 2.1875 Qntl	
	Reinforced cement concrete - M - 20	13779.06
3	1 Cum. @ Rs. 5837.86	F007 00
	Steel reinforcement for R.C.C. work	5837.86
4	@ 1% of RCC volume - 78.5 kg @ Rs. 67081/MT	5265.86
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 2.5 x 2.5 = 6.25 Sqm. @ Rs. 506.00 per Sqm.	3162.5
	Total - Rs.	35133.74
	Adding 12% GST , Rs	4216.05
	Adding 1% Cess over GST added amount , Rs	393.50
	Total, Rs	39743.29
	Say, Rs	39743.00

(JEINBO | WAS)

11/3/10 11/3/10

### Rate Analysis of Grating 3.0 m X 3.0 m (Type 2)

SI no.	Particulars of Item	Amount (Rs.
1	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary botting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101)  For 2nos. Channels in sides of grating = 2 x 4.0 m @16.8 kg / meter = 134.4 kg.  @ Rs. 60276 per M.T. = 0.1344 x 60276	
	M.C. works in framed certificate of visit and the state of the state o	8101.09
2	M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. (Building ). IT No - 12; Pg.no - 104)  Total - 3.0 m X 3.0 m @ 35 kg / sqm. = 315.0 kg  @ Rs. 6299.00 per qntl. for 3.15 Qntl	40044 ps
	Reinforced cement concrete - M - 20	19841.85
3	1 Cum. @ Rs. 5837.86	
	Steel reinforcement for R.C.C. work	5837.86
4	@ 1% of RCC volume - 78.5 kg @ Rs. 67081/MT	
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 3.0 x 3.0 = 9.0 Sqm. @ Rs. 506.00 per Sqm.	5265.86 4554
	Total - Rs.	43600.66
	Adding 12% GST , Rs	5232.08
	Adding 1% Cess over GST added amount , Rs	488.33
	Total, Rs	49321.07
	Say, Rs	49321.00

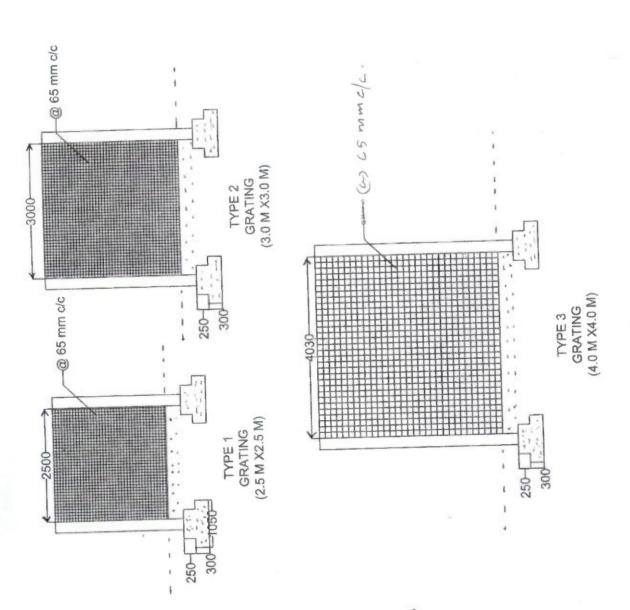
\$ 1103/19 (JE/WBD/GAP)

Vetter. 1113/19

# Rate Analysis of Grating 4.0 m X 4.0 m (Type 3)

l no.	Particulars of Item	Amount (Rs.)
1	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101)  For 2nos. Channels in sides of grating = 2 x 5.0 m @16.8 kg / meter = 168.0 kg.	10126.37
2	M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. (Building). IT No - 12; Pg.no - 104)	
	Total - 4.0 m X 4.0 m @ 35 kg / sqm. = 560.0 kg @ Rs. 6299.00 per qntl. for 5.60 Qntl Reinforced cement concrete - M - 20	35274.40
3	1 Cum. @ Rs. 5837.86	5837.86
4	Steel reinforcement for R.C.C. work  8 1% of RCC volume - 78.5 kg @ Rs. 67081/MT	5265.86
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 4.0 x 4.0 = 16.0 Sqm. @ Rs. 506.00 per Sqm.	8096.00
	Total - R	s. 64600.49
	Adding 12% GST , Rs	7752.06
Adding 1% Cess over GST added a		
	Total , Rs	
	Say , Rs	73076.00

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# Kolkata Metropolitan Development Authority

Memo No: 1758 - NGRBA SPM &/ Grouge Committee - 324/2017 (P-1)

Dated: 08.03.2019

From: Project Director, WBSPMG

& CEO, KMDA.

: The Chairman/Chairperson

Baidyabati, Bansberia, Baranagar, Berhampore, Bhadreswar, Bhatpara, Budge Budge, Chakdah, Champdany, Dhulian, Diamond Harbour, Garulia, Gayeshpur, Haldia, Halisahar, Hooghly Chinsurah, Jangipur, Jiaganj-Azimganj, Kalyani, Kamarhati, Kanchrapara, Katwa, Khardah, Konnagar, Krishnanagar, Maheshtala, Murshidabad, Nabadwip, Naihati, North Barrackpore, Panihati, Rishra, Santipur, Serampore, Titagarh, Uluberia, UttarparaKotrung, HMC, Chandannagore MC, DurgapurMC, Asansol MC

Ref: Prin. Secy / UD&MA/2019/069(SUDA-50/2016) dated 19.02.19

Sir/Madam,

In reference to the discussion of the meeting held on 16.2.19 with the representatives of the 40 Ganga towns at conference hall of Stadel, Saltlake and communication made by the Principal Secretary, UD&MA, GoWB thereafter regarding some directions given for immediate action on the issue of solid waste management for necessary compliance for abatement to pollution to river Ganga it is expected that all the concerned ULBs have taken necessary initiatives for the said purpose.

With some other directions it has been directed to take required action for screening on all outfalls/channels leading river Ganga at interval with reasonable distance away from culminating points to restrict / arrest Solid waste from flowing directly or indirectly to the river. Necessary action is expected to be taken by the concerned ULBs. You are requested to send requirement of fund along with the plan of action for screening on all the outfalls following the model estimate enclosed herewith for submission of the same to WBPCB for allocation of fund for the said purpose.

For the IEC activities by displaying placards, festoons and other form of public awareness with anti littering message at all the ghats and vulnerable points required fund may be placed out of the SPMG fund meant for the IEC and Public outreach activities for the purpose of mass awareness and information on submission of requisition to PD, SPMG.

Immediate action required to be taken for the compliance of the order of the Hon-ble NGT to avoid any adverse order in this regard for non compliance.

Enclo: model estimate for screening

Project Director, WBSPMG & CEO.KMDA

Memo No: 1758/1(2)-NGRBA/SPMG/ Gauga Committee-374/2017(P-1) Date: March 11, 2019 Copy forwarded for information and necessary action to

1. Director SUDA

2. PS to Principal Secretary, UD&MA

ject Director, WBSPMG & CEO,KMD

## Rate Analysis of Grating 2.5 m X 2.5 m (Type 1)

Si no.	Particulars of Item	Amount (Rs.)
1	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101)  For 2nos. Channels in sides of grating = 2 x 3.5m @16.8 kg / meter = 117.6 kg.  @ Rs. 60276 per M.T. = 0.1176 x 60276 = Rs. 7088.46	
		7088.46
2	M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. (Building ). IT No - 12; Pg.no - 104)  Total - 2.5m X 2.5m @ 35 kg / sqm. = 218.75 kg  @ Rs. 6299.00 per qntl. for 2.1875 Qntl	12770.00
	Reinforced cement concrete - M - 20	13779.06
3	1 Cum. @ Rs. 5837.86	5837.86
	Steel reinforcement for R.C.C. work	3037.00
4	@ 1% of RCC volume - 78.5 kg @ Rs. 67081/MT	5265.86
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 2.5 x 2.5 = 6.25 Sqm. @ Rs. 506.00 per Sqm.	3162.5
	Total - Rs.	35133.74
	Adding 12% GST , Rs	4216.05
	Adding 1% Cess over GST added amount , Rs	393.50
	Total, Rs	39743.29
	Say , Rs	39743.00

(JEINBO | WAS)

11/3/10)

### Rate Analysis of Grating 3.0 m X 3.0 m (Type 2)

SI no.	Particulars of Item	Amount (Rs.)
1	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc. (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101) For 2nos. Channels in sides of grating = 2 x 4.0 m @16.8 kg / meter = 134.4 kg. @ Rs. 60276 per M.T. = 0.1344 x 60276	
	M.S. works in framed gratings of window etc.made of round or square bars and frame	8101.09
2	work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. (Building). IT No - 12; Pg.no - 104)  Total - 3.0 m X 3.0 m @ 35 kg / sqm. = 315.0 kg  @ Rs. 6299.00 per qntl. for 3.15 Qntl	400.44.05
	Reinforced cement concrete - M - 20	19841.85
3	1 Cum. @ Rs. 5837.86	5837.86
4	Steel reinforcement for R.C.C. work  @ 1% of RCC volume - 78.5 kg @ Rs. 67081/MT	5265.86
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 3.0 x 3.0 = 9.0 Sqm. @ Rs. 506.00 per Sqm.	4554
	Total - Rs.	43600.66
	Adding 12% GST , Rs	5232.08
	Adding 1% Cess over GST added amount , Rs	488.33
	Total, Rs	49321.07
	Say, Rs	49321.00

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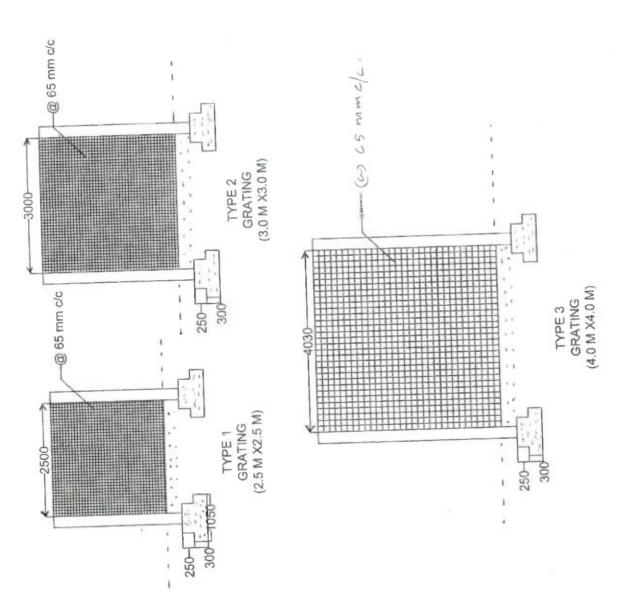
11/3/19

# Rate Analysis of Grating 4.0 m X 4.0 m (Type 3)

lnc	Particulars of Item	Amount (Rs.)
1	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101) For 2nos. Channels in sides of grating = 2 x 5.0 m @16.8 kg / meter = 168.0 kg.	10126.37
2	M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. (Building). IT No - 12; Pg.no - 104)  Total - 4.0 m X 4.0 m @ 35 kg / sqm. = 560.0 kg	0.007.1.10
3	@ Rs. 6299.00 per qntl. for 5.60 Qntl Reinforced cement concrete - M - 20	35274.40 5837.86
3	1 Cum. @ Rs. 5837.86	00.1000
4	Steel reinforcement for R.C.C. work	5265.86
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 4.0 x 4.0 = 16.0 Sqm. @ Rs. 506.00 per Sqm.	8096.00
	Total - Rs.	64600.49
	Adding 12% GST , Rs.	7752.06
	Adding 1% Cess over GST added amount , Rs.	723.53
	Total, Rs.	73076.07
	Say , Rs.	73076.00

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# Kolkata Metropolitan Development Authority

Memo No: 1758 - NGRBA SPM & Grouge Committee - 374/2017 (8-1)

Dated: 08.03.2019

From: Project Director, WBSPMG

& CEO, KMDA.

To: The Chairman/Chairperson

Baidyabati, Bansberia, Baranagar, Berhampore, Bhadreswar, Bhatpara, Budge Budge, Chakdah, Champdany, Dhulian, Diamond Harbour, Garulia, Gayeshpur, Haldia, Halisahar, Hooghly Chinsurah, Jangipur, Jiaganj-Azimganj, Kalyani, Kamarhati, Kanchrapara, Katwa, Khardah, Konnagar, Krishnanagar, Maheshtala, Murshidabad, Nabadwip, Naihati, North Barrackpore, Panihati, Rishra, Santipur, Serampore, Titagarh, Uluberia, UttarparaKotrung,HMC, Chandannagore MC, DurgapurMC, Asansol MC

Ref: Prin. Secy / UD&MA/2019/069(SUDA-50/2016) dated 19.02.19

Sir/Madam,

In reference to the discussion of the meeting held on 16.2.19 with the representatives of the 40 Ganga towns at conference hall of Stadel, Saltlake and communication made by the Principal Secretary, UD&MA, GoWB thereafter regarding some directions given for immediate action on the issue of solid waste management for necessary compliance for abatement to pollution to river Ganga it is expected that all the concerned ULBs have taken necessary initiatives for the said purpose.

With some other directions it has been directed to take required action for screening on all outfalls/channels leading river Ganga at interval with reasonable disturce away from culminating points to restrict /arrest Solid waste from flowing directly or indirectly to the river. Necessary action is expected to be taken by the concerned ULBs. You are required to send requirement of fund along with the plan of action for screening on all the outfalls following the model estimated the little outfalls followed the little outfalls followed the model estimated the little outfalls followed the little o the same to WBPCH for allocation of fund for the said purpose.

For the IEC activities by displaying placards, festoons and other form of public awareness with anti littering message at all the ghats and vulnerable points required fund may be placed out of the SPMG fund meant for the IEC and Public outreach activities for the purpose of mass awareness and information on submission of requisition to PD, SPMG.

Immediate action required to be taken for the compliance of the order of the Hon'ble NGT to avoid

any adverse order in this regard for non compliance.

Enclo: model estimate for screening

Project Director, WBSPMG & CEO.KMDA

Memo No: 1758/1(2)-NGRBA/SPMG/ Gauga Committee-374/2017(P-) Date: March 11, 2019 Copy forwarded for information and necessary action to

1. Director ,SUDA

2. PS to Principal Secretary, UD&MA

oject Director, WBSPMG

& CEO,KMDA

# Rate Analysis of Grating 2.5 m X 2.5 m (Type 1)

SI no.	Particulars of Item	Amount (Rs.)
1	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101)  For 2nos. Channels in sides of grating = 2 x 3.5m @16.8 kg / meter = 117.6 kg.  @ Rs. 60276 per M.T. = 0.1176 x 60276 = Rs. 7088.46	
		7088.46
2	M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. ( Building ). IT No - 12; Pg.no - 104)  Total - 2.5m X 2.5m @ 35 kg / sqm. = 218.75 kg @ Rs. 6299.00 per qntl. for 2.1875 Qntl	42770.00
	Reinforced cement concrete - M - 20	13779.06
3		5837.86
	1 Cum. @ Rs. 5837.86 Steel reinforcement for R.C.C. work	3037.00
4	@ 1% of RCC volume - 78.5 kg @ Rs. 67081/MT	5265.86
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 2.5 x 2.5 = 6.25 Sqm. @ Rs. 506.00 per Sqm.	3162.5
	Total - Rs.	35133.74
	Adding 12% GST , Rs	4216.05
	Adding 1% Cess over GST added amount , Rs	393.50
	Total , Rs	39743.29
	Say, Rs	39743.00

(JE | WBD | WAS)

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# Rate Analysis of Grating 3.0 m X 3.0 m (Type 2)

SI no.	Particulars of Item	Amount (Rs.)
1	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101)  For 2nos. Channels in sides of grating = 2 x 4.0 m @16.8 kg / meter = 134.4 kg.  @ Rs. 60276 per M.T. = 0.1344 x 60276	8101.09
2	M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. ( Building ). IT No - 12; Pg.no - 104)	
	Total - 3.0 m X 3.0 m @ 35 kg / sqm. = 315.0 kg @ Rs. 6299.00 per qntl. for 3.15 Qntl Reinforced cement concrete - M - 20	19841.85
3	1 Cum. @ Rs. 5837,86	5837.86
4	Steel reinforcement for R.C.C. work  @ 1% of RCC volume - 78.5 kg @ Rs. 67081/MT	5265.86
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 3.0 x 3.0 = 9.0 Sqm. @ Rs. 506.00 per Sqm.	4554
	Total - Rs.	43600.66
	Adding 12% GST , Rs	5232.08
	Adding 1% Cess over GST added amount , Rs	488.33
	Total, Rs	49321.07
	Say, Rs	49321.00

(JE/WBD/ GAP)

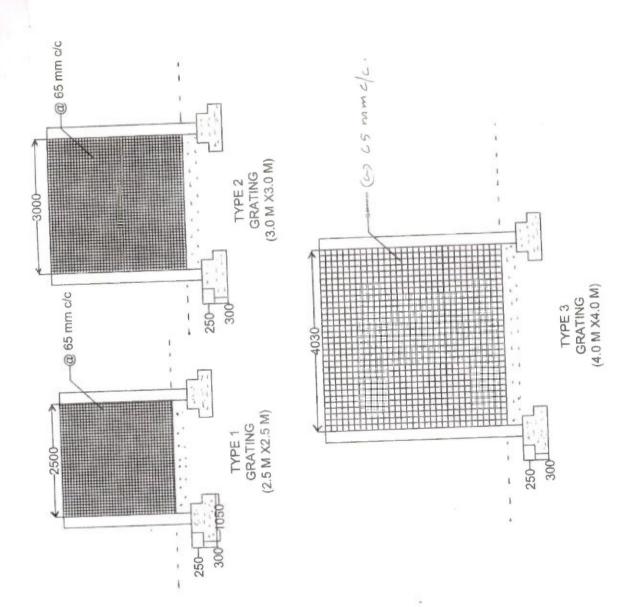
11/3/19

# Rate Analysis of Grating 4.0 m X 4.0 m (Type 3)

no.	Particulars of Item	Amount (Rs.)
1	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.  (P.W.D 2017. (Building). IT No - 2A; Pg.no - 101)  For 2nos. Channels in sides of grating = 2 x 5.0 m @16.8 kg / meter = 168.0 kg.  @ Rs. 60276 per M.T. = 0.168 x 60276.00	10126.37
2	M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete, as directed.  (P.W.D 2017. (Building). IT No - 12; Pg.no - 104)  Total - 4.0 m X 4.0 m @ 35 kg / sqm. = 560.0 kg	35274.40
3	@ Rs. 6299.00 per qntl. for 5.60 Qntl Reinforced cement concrete - M - 20	5837.86
4	1 Cum. @ Rs. 5837.86  Steel reinforcement for R.C.C. work  @ 1% of RCC volume - 78.5 kg @ Rs. 67081/MT	5265.86
5	Providing anti-corrosive protective coating to inhibit the corrosion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's specification, cleaning etc. complete as per the direction of the Engineer-in- Charge.  (P.W.D 2018. (Roads). IT No - 16.21; Pg.no - 322)  Total, 4.0 x 4.0 = 16.0 Sqm. @ Rs. 506.00 per Sqm.	8096.00 64600.49
	Adding 12% GST , Rs.	
	Adding 1% Cess over GST added amount, Rs.	
	Total , Rs.	
	Say , Rs.	73076.00

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SUDA

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

क्रिक नर SUDA - 229/2018/ 7809

olfar 05/12/19

From: Director, SUDA.

To: The Executive Officer, Garulia Municipality, North 24-Parganas.

Sub: Requirement of fund for screening across channel/drain discharging to river Ganga within Garulia Municipality.

Ref: Your Memo no: 449 dated: 31.10.19

Sir.

In reference to the above this is to remind you that in the meeting, on Municipal Solid Waste Management and Monitoring of Ganga Towns, held on  $10^{th}$  July at SUDA Conference Hall, a decision has been taken that work related to screening on small nullah/drain up to the size of  $1.2m \times 1.2m$  to be executed by the Municipal Authority of its own. Reimbursement of funds for installation of screens above  $1.2m \times 1.2m$  may be claimed with work done estimate duly vetted by the concerned Executive Engineer of KMDA/M.E.Dte. The copy of the said minutes is being attached herewith for your ready reference please.

The rate analysis submitted by your good office are for the screens having size 1.2m x 1.2m, for each and every location. You are hereby again requested to execute the work immediately if not done till date as it relates to direction of Hon'ble National Green Tribunal.

Thanking you,

Yours faithfully,

Encl: As stated above

Director, SUDA

Dept strais

Tel: 2358 6403/5767, Fax: 2358 5800, E-mail: wbsudadir@gmail.com

Minutes of the Meeting on Municipal Solid Waste Management and Monitoring of Ganga Towns

Date:10th July 2019

Time: 12,00

Venue: SUDA Conference Hall

The Director, SUDA chaired the meeting.

The Deputy Director, SUDA briefly explained the objective of the meeting and requested the representatives of the concerned municipalities to briefly explain the action already taken by them in connection with solid waste management in municipal towns. Directives of the NGT State Committee accorded in the last meeting dated 26.06.2019 were explained to the participants. Status on different milestones required to be achieved for effective waste management in cities was updated.

After detailed discussions following decisions were taken:

- The GVPs and Animal Pens still exist in different municipal areas should be removed immediately. The concerned ULBs will submit a compliance report by 25.7.19.
- The drains where screens are not yet installed should immediately be identified and necessary installation work should be taken up.
- 3. The ghats where IEC materials are not displayed and bins are not provided should immediately be identified and necessary actions should be taken up.
- The drawing/design and estimates for the screening on drain as provided by SUDA/KMDA should ideally be followed. If required, considering the site condition
- design and estimate may be customized by the AE/SAE of the Municipality subject to getting it vetted by AE/EE of KMDA or ME Dte.
- 6. It is understood that work related to screening on small nullah/drain has been executed by the Municipal Authority of its own. In case of requirement of funds for installation of screens above 1.2 m X 1.2 m reimbursement of funds may be claimed with work done estimates duly vetted by the concerned Executive Engineer of KMDA/ME Dte.
- The ULBs will submit a list of such drain/canal lying within the locality of the municipal area but maintained by other government department/ authorities.
- 8. It was explained that integrated solid waste management plan is required to be taken up in the Ganga towns instead of abrupt planning for procurement of vehicles or installation of waste processing plant. The Nodal Officer SWM in Municipality will explain the concept along with

- 9. For effective SWM planning in towns, SUDA is in a process to empanel Micro Planning Organizations. ULBs may send proposal to SUDA for providing consultancy and capacity building support so that integrated planning process for solid waste management can be undertaken in the respective town.
- 10. The ULBs will take initiative for searching of suitable land for establishment of different SWM facilities. The project can also be planned on cluster basis clubbing few adjoining municipalities to overcome land constraints.
- 11. The ULBs will submit details of the land procurement or inter departmental land transfer proposals to SUDA that are already under process immediately.

Finally the Joint Secretary of UD & MA Dept. And the additional Mission Director, SBM reminded the house that compliance the SWM Rule-2016 should mandatorily be made in time as the SWM activities are under active surveillance of hon'bleNGT.

Meeting ended with thanks to and from the chair.

Director, SUDA





"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

四月本 At SUDA - 229/2018/7809

From: Director, SUDA.

To: The Executive Officer, Garulia Municipality, North 24-Parganas.

Sub: Requirement of fund for screening across channel/drain discharging to river Ganga within Garulia Municipality.

Ref: Your Memo no: 449 dated: 31.10.19

Sir,

In reference to the above this is to remind you that in the meeting, on Municipal Solid Waste Management and Monitoring of Ganga Towns, held on  $10^{th}$  July at SUDA Conference Hall, a decision has been taken that work related to screening on small nullah/drain up to the size of  $1.2 \, \text{m} \times 1.2 \, \text{m}$  to be executed by the Municipal Authority of its own. Reimbursement of funds for installation of screens above  $1.2 \, \text{m} \times 1.2 \, \text{m}$  may be claimed with work done estimate duly vetted by the concerned Executive Engineer of KMDA/M.E.Dte. The copy of the said minutes is being attached herewith for your ready reference please.

The rate analysis submitted by your good office are for the screens having size 1.2m x 1.2m, for each and every location. You are hereby again requested to execute the work immediately if not done till date as it relates to direction of Hon'ble National Green Tribunal.

Thanking you,

Yours faithfully,

Encl: As stated above

Director, SUDA



Tel: 2358 6403/5767, Fax: 2358 5800, E-mail: wbsudadir@gmail.com

Darly

From: Director, SUDA.

To: The Executive Officer, Garulia Municipality, North 24-Parganas.

Sub: Requirement of fund for screening across channel/drain discharging to river Ganga within Garulia Municipality.

Ref: Your Memo no: 449 dated: 31.10.19

Sir,

In reference to the above this is to remind you that in the meeting, on Municipal Solid Waste Management and Monitoring of Ganga Towns, held on 10<sup>th</sup> July at SUDA Conference Hall, a decision has been taken that work related to screening on small nullah/drain up to the size of 1.2m x 1.2m to be executed by the Municipal Authority of its own. Reimbursement of funds for installation of screens above 1.2m x 1.2m may be claimed with work done estimate duly vetted by the concerned Executive Engineer of KMDA/M.E.Dte. The copy of the said minutes is being attached herewith for your ready reference please.

The rate analysis submitted by your good office are for the screens having size 1.2m x 1.2m, for each and every location and thus you are hereby once again requested to execute the work immediately if not done till date. As it nelets to dinether of Horibe National Gneen Thibusal. Thanking you,

Yours faithfully,

Encl: As stated above

Director, SUDA

Telephone No. 2561-5061

chairman garulia@rediffmail.com

Fax no. 2540-8432 (033) URUENT

# Office of the Councillors, Garulia Municipality

P.O. Garulia, Dist - North 24 Parganas

### SRI SUNIL NASKAR

**Executive Officer** Garulia Municipality

Memo No:

To The Director State Urban Development Agency ILGUS BHAVAN, H.C. Block, Sector-III Bidhannagar, Kolkata-700106



COM Sounciller Gara

Ref: Our Office Letter No.417 dated 22-10-2019

Sub: Requirement of Fund for Screening across Channel / Drain of Garulia Municipality

Sir/Madam,

Further to our above mentioned Letter, I am submitting the duly vetted Estimate by KMDA for Screening across Channel / Drain of Garulia Municipality for early sanction of such Fund.

This is for your kind information and taking necessary action.

Thanking you,

Yours faithfully,

**Executive Officer** Garulia Municipality

Enclo: Vetted Estimate by KMDA

Chi C. Chaturjant Shi S. hum, M2



# OFFICE OF THE CHIEF ENGINEER PM & C SECTOR (DESIGN & VETTING UNIT)



No. 144/KMDA/PM & C (D&V)/W-2/17

Date: 01/10/2019

To The Chairman Garulia Municipality

Sub: Vetting of estimates for Screening across Channels / Drains for Garulia Municipality

Sir,

Ten nos. of estimates for the above-mentioned work were submitted for vetting vide your memo no. 318, dated 07/09/2019 to the Chief Executive Officer, KMDA. The estimated value of the estimates were **Rs. 2,25,820.00**. The estimates were forwarded to this sector on 14/09/2019 for vetting.

After thorough checking and several rounds of interaction with your Engineer, the estimates are hereby vetted for an amount **Rs. 2,54,340.00** including GST and Labour Welfare Cess but without any provision for contingency.

I would request you to receive the vetted scheme from the office of the undersigned for further necessary action.

Thanking you,

Yours faithfully

Chief Engineer PM & C Sector (Design & Vetting Unit)

Date: 01/10/2019

Enclo. Two copies of the vetted estimate and Drawing

No. 144/1(2)/KMDAVPM & C (D&V)/W-2/17

Copy forwarded for kind information to:

1. The Chief Executive Officer, KMDA

2. Sri Pradip Naskar, Executive Engineer, PM & C (D&V Unit) Sector

Chief Engineer PM & C Sector (Design & Vetting Unit)

	Rate Analysis of Grating 1.2 m x 1.2m	
SI.No.	Particulars of item	Amount (Rs.)
	M.S structural work in columns, beams etc. with simple rolled structural members (e.g.) joints, angle, channel sections conforming to IS 226, IS:808 & SP (6)-1964 connected to one another woth bracket, gussets cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting meter arewelding conforming to IS 816-1969 & IS 1995 using electrodes of approved make and brand conforming to IS 814-2004haulage hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes gas and hire charges such as electricity charges, Jabour insurance charges etc.  (PWD 2017 (Building). IT. No. 24, Page No. 101)  For 2Nos. Channels in sides of grating=2 x 3.5m @16.8Kg/meter=117.6Kg  @Rs.60276 per M.T.=0.1176x60276=Rs.7088.46  T3 -92  T3 +61  T3 -91	5452.41×10 7088.46×10 70884.60 = 54524.10
2	M.S work in framed gratings of gratings of window etc made of round or square bars and frame work or M.S. flats (with the bars securely fixed to theflat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete as directed (P.W.D.2017 (Building). IT No.12, Page No.104)  35Kg/sqm=50.4Kg.  @Rs.6299.00per qnti.for 8823	4446-79 X 10 3174.69 NA
3	Reinforced coment constate \$4.30.46	= 44464 00 625000 X10 583786 A10
4	iteel reinforcement for R.C.C. Work @1% of RCC value-78.5Kg @ Rs.67081/Mt.	5606-16 XID 5606-16 XID 5265-86 NI
5 F	Providing anti-crossive protective coating to inhibit the corrossion to HYSD einforcements including two coats of anti-corrossion.	\$28.64 x10 = \$286.40 728.64 x1 728.64 x1
	224840.00	
	Total Rs.	22095.51 %   0
	Adding 12% GST Rs.  2518 · 22 Adding 1% Cess over GST added amount Rs.	265.46×26
	254340.01	220.95 ×200 22581.92 ×22
	Say 254340.00 Total Rs.	3.15.04 U.J. # U.W.

Amount of INR. 254340. 60 261895.00

Amount of INR. 254340. 60 261895.00

Amount of INR. 254340. 60 261895.00

Excluding the Contingency Chartes

Electrical Work and DPISig. of Sub Assistant Engineer

Preparation charges

Garulia Municipality

Sub-Assistant Engineer Garulia Municipality

Assistant Engineer (C)

Sig of Chirman **Garulia Municipality** Chairman Garulia Municipality

M&C Sector (Design & Vetting Unit) K.M.D.A.

PM&C Sector (Dasign & Vetting Unit)

K. M. D. A.

Amount Rs= 25 434 X10 NOS.

= 2,54,340.00

# VETTED

30/9/19

Executive Engineer (C)
PM&C Sector (Design & Vetting Unit)
K. M. D. A.

Gopinal Clatton

a Clalling 1/10/19

Addl. Chief Engineer
PM & C Sector
(Design & Vetting Unit)
K M D A

DI CTUE

Charges

mount of INR
Excluding the Contrager
Section | Verland DPR

#### **GARULIA MUNICIPALITY**

Estimate for Screening across drain at Ratneswar ghat, dunber mill in Ward no 07 Under Garulia Municipality.

		Rate Analysis of Grating 1.2 m x 1.2m				
	Amount (Rs.)	. Particulars of item	l.No.			
	-7088.46 5452·4)	M.S structural work in columns, beams etc. with simple rolled structural members (e.g.) joints, angle, channel sections conforming to IS 226, IS:808 & SP (6)-1964 connected to one another woth bracket, gussets cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting meter arewelding conforming to IS 816-1969 & IS 1995 using electrodes of approved make and brand conforming to IS 814-2004haulage hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables suchas electrodes gas and hire charges such as electricity charges, labour insurance charges etc.  (PWD 2017 (Building). IT. No2A, Page No.101)  For 2Nos. Channels in sides of grating=2 x 3.5m @16.8Kg/meter=117.6Kg  @Rs.60276 per M.T.=0.1176x60276=Rs.7088.46  73-72  73761				
9	3174.69 4446-70	M.S work in framed gratings of gratings of window etc made of round or square bars and frame work or M.S. flats (with the bars securely fixed to theflat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete as directed (P.W.D.2017 (Building). IT No.12, Page No.104) 3 Td Correspond (P.W.D.2017 (Building). IT Total-1.2m x 1.2m @ 35Kg/sqm=50.4Kg. (P.W.D.2017 (Building). IT Total-1.2m x 1.2m @ 35Kg/sqm=50.4Kg.	2			
Reinforced cement concrete-M-20, 1Cum.@Rs.5837.86  ( ) 1						
Steel reinforcement for R.C.C. Work @1% of RCC value-78.5Kg @ Rs.67081/Mt. 5265.86 5606-16						
/	728.64	Providing anti-crossive protective coating to inhibit the corrossion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's spesification, complete as per the direction of the Engineer-in-Charge.  (P.W.D 2018 (Roads) IT No-16.21, Pg.322)  Total 1.2x1.2=1.44Sq. @  Rs.506.00per Sqm.	5			
22	22095.51 2 2	Total Rs.				
_	265.46 26	Adding 12% GST Rs.				
	220.95 25	Adding 1% Cess over GST added amount Rs.				
	22581.92 2.5	Confingency 3% = 755.46. Total Rs.				
_	22582.00	Total project lost = 26189.96. Say Rs.				

Twenty fire thouse .&C Sector (Design & Vetting Unit)

K.M.D.A.

Sig. of Sub Assistant Engineer Assistant Engineer (C)

Garulia Municipality M&C Sector (Design & Vetting Unit) Garulia Municipality Sub-Assistant Engineer K. M. D. A.

Garulia Municipality

Sig of Chirman

Chairman ' Garulia Municipality

Rs. 25, 434.00

# VETTED

-Banker 3019/19

Executive Engineer (C) PM&C Sector (Design & Vetting Unit) K. M. D. A.

Addl. Chief Engineer PM & C Sector (Design & Vetting Unit) KMDA

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#### **GARULIA MUNICIPALITY**

Estimate for Screening across drain at Kangalighat, Old Ferry ghat in Ward no 08 Under Garulia Municipality.

l.No.	Particulars of item	Amount (Rs.)
1	M.S structural work in columns, beams etc. with simple rolled structural members (e.g.) joints, angle, channel sections conforming to IS 226, IS:808 & SP (6)-1964 connected to one another woth bracket, gussets cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting meter arewelding conforming to IS 816-1969 & IS 1995 using electrodes of approved make and brand conforming to IS 814-2004haulage hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes gas and hire charges such as electricity charges, labour insurance charges etc.  (PWD 2017 (Building). IT. No. 24, Page No. 101)  3 red coronia for processing and the coronia for processing and the coronia for processing and a section of the coronia for processing and a section and coronic for processing an	7088.46 5452'41
2	M.S work in framed gratings of gratings of window etc made of round or square bars and frame work or M.S. flats (with the bars securely fixed to theflat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete as directed (P.W.D.2017 (Building). IT No.12, Page No.104)  35Kg/sqm=50.4Kg. (P.S.6299.00per qnti.for 0.504 Qnti	3174.69 4446.79
3	Reinforced cement concrete-M-20, 1Cum.@Rs.5837.86  (Auayra)  (250.09	5837.86 6250.09
4	Steel reinforcement for R.C.C. Work @1% of RCC value-78.5Kg @ Rs.67081/Mt.	5265.86 5606:1-6
5	Providing anti-crossive protective coating to inhibit the corrossion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's spesification, complete as per the direction of the Engineer-in-Charge.  (P.W.D 2018 (Roads) IT No-16.21, Pg.322)  Total 1.2x1.2=1.44Sq. @  Rs.506.00per Sqm.	728.64
	Total Rs.	22095/51 22
-	Adding 12% GST Rs.	265,46 24
	Adding 1% Cess over GST added amount Rs.	220.95 2
	Confringency 3% = 755.46. Total Rs. Total project lost = 26189.46. Say Rs.	22581.92 25

Junior Engineer (C Junior Engine & Vesignor Sub Assistant Engineer K.M.D.A.

Sub-Assistant Engineer Garulia Municipality

Garulia Municipality

Assistant Engineer

Assi K. M. D. A.

Sig of Chirman Chairman Garulia Municipality

Rs. 25434,00

# VETTEL

- Dranks Executive Engineer (C) PM&C Sector (Design & Vetting Unit) PM & C Sector K.M.D.A.

Addl. Chief Engineer (Design & Vetting Unit) KMDA

#### **GARULIA MUNICIPALITY**

Estimate for Screening across drain at Kangalighat, Thakur bari road in Ward no 08 Under Garulia Municipality.

	Rate Analysis of Grating 1.2 m x 1.2m	
l.No.	Particulars of item	Amount (Rs.)
1	M.S structural work in columns, beams etc. with simple rolled structural members (e.g.) joints, angle, channel sections conforming to IS 226, IS:808 & SP (6)-1964 connected to one another woth bracket, gussets cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting meter arewelding conforming to IS 816-1969 & IS 1995 using electrodes of approved make and brand conforming to IS 814-2004haulage hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes gas and hire charges such as electricity charges, labour insurance charges etc.  (PWD 2017 (Building). IT. No14, Page No.101)  3 The Control of For 2Nos. Channels in sides of grating=2 x 3.5m @16.8 kg/meter=117.6 kg  @Rs.60276 per M.T.=0.1176x60276=Rs.7088.46  73.92  73.76	7088.46 5452.41
2	M.S work in framed gratings of gratings of window etc made of round or square bars and frame work or M.S. flats (with the bars securely fixed to theflat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete as directed (P.W.D.2017 (Building). IT No.12, Page No.104)  35Kg/sqm=50.4Kg.  @Rs.6299.00per qnti.for 8823	3174.69 4446 · 79
3	Reinforced cement concrete-M-20, 1Cum.@Rs, 5837.86  (Analyrio) 6250.09	5837.86 6256.00
4	Steel reinforcement for R.C.C. Work @1% of RCC value-78.5Kg @ Rs.6708T/Mt.	5265.86 5606.16
5	Providing anti-crossive protective coating to inhibit the corrossion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's spesification, complete as per the direction of the Engineer-in-Charge.  (P.W.D 2018 (Roads) IT No-16.21, Pg.322)  Total 1.2x1.2=1.44Sq. @  Rs.506.00per Sqm.	728.64
	Total Rs.	22095,51 22
	Adding 12% GST Rs.	265,46 26
	Adding 1% Cess over GST added amount Rs.	22/0.95 25
	Confingency 31. = 755.46 Total Rs.	27581.92 257
	Total project cost = 26189.46. Say Rs.	22582.00
	In words Rupees Twenty Two thousand Five hundred Eighty two only	

Junior Engineer >M&C Sector (Design &

Sig. of Sub Assistant Engineer **Garulia Municipality** 

Sub-Assistant Engineer Garulia Municipality

Engineer (C) PM&C Sector (Design & Vetting Unit) Chairman K. M. D. A. Garulia Municipality

Sig of Chirman **Garulia Municipality**  Rs. 25434.00

# VETTED

PM&C Sector (Design & Vetting Unit) K. M. D. A.

Addl. Chief Engineer PM & C Sector (Design & Vetting Unit) KMDA

#### **GARULIA MUNICIPALITY**

Estimate for Screening across drain at babughat ,Ferryghat in Ward no 19 Under Garulia Municipality.

	Rate Analysis of Grating 1.2 m x 1.2m				
sl.No.	Particulars of item	Amount (Rs.)			
1	M.S structural work in columns, beams etc. with simple rolled structural members (e.g.) joints, angle, channel sections conforming to IS 226, IS:808 & SP (6)-1964 connected to one another woth bracket, gussets cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting meter arewelding conforming to IS 816-1969 & IS 1995 using electrodes of approved make and brand conforming to IS 814-2004haulage hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes gas and hire charges such as electricity charges, labour insurance charges etc.  (PWD 2017 (Building). IT. No. 24, Page No. 101)  2 To 2 Contract To 3 Co	7088:46 5452-41			
2	M.S work in framed gratings of gratings of window etc made of round or square bars and frame work or M.S. flats (with the bars securely fixed to theflat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete as directed  No.12, Page No.104)  3rd Cotton of Total-1.2m x 1.2m @ 35Kg/sqm=50.4Kg.  @Rs.6299.00per qnti.for 0.504 Qnti	4 4 4 6 · # 9 3,174.69			
3	Reinforced cement concrete-M-20, 1Cum.@Rs, 5837.86 (Analysia) 6250.09 5837.86				
4	4 Steel reinforcement for R.C.C. Work @1% of RCC value-78.5Kg @ Rs.67081/Mt. 5265.86				
5	Providing anti-crossive protective coating to inhibit the corrossion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's spesification, complete as per the direction of the Engineer-in-Charge.  (P.W.D 2018 (Roads) IT No-16.21, Pg.322)  Total 1.2x1.2=1.44Sq. @  Rs.506.00per Sqm.	728.64			
	Total Rs.	2209\$.51 2 2			
	Adding 12% GST Rs.	263.46 26			
	Adding 1% Cess over GST added amount Rs.	220.95 25			
	Contingency 3% = 755.46 Total Rs. Total project Cost = 26183.46 Say Rs.	22581.92 2.5			
	Total proxect lost = 26183.46 Say Rs.	/22582.00			

Sig. of Sub Assistant Engineer

Garulia Municipality

Assistant Engineer (C)

Sub-Assistant Engineer (C)

Sub-Assistant Engineer (C)

Sector (Design & Vetting Unit)

Chairman

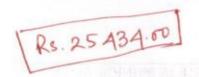
Garulia Municipality

K.M.D.A.

Garulia Municipality

Sig of Chirman **Garulia Municipality** 

Garulia Municipality



# VETTED

35/9/19
Executive Engineer (C)

Executive Engineer (C)
PM&C Sector (Design & Verting Unit)
K. M. D. A.

Add. Chief Engineer
PM & C Sector
(Design & Vetting Unit)
K M D A

#### **GARULIA MUNICIPALITY**

Estimate for Screening across drain at babughat (colony ), Dr. M.M. banerjee bye lane in Ward no 19 Under Garulia Municipality.

Rate Analysis of Grating 1.2 m x 1.2m					
il.No.	Particulars of item	Amount (Rs.)			
1	M.S structural work in columns, beams etc. with simple rolled structural members (e.g.) joints, angle, channel sections conforming to IS 226, IS:808 & SP (6)-1964 connected to one another woth bracket, gussets cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting meter arewelding conforming to IS 816-1969 & IS 1995 using electrodes of approved make and brand conforming to IS 814-2004haulage hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes gas and hire charges such as electricity charges, labour insurance charges etc.  (PWD 2017 (Building). IT. No24, Page No.101) 3 For 2Nos. Channels in sides of grating=2 x 3.5m @16.8Kg/meter=117.6Kg	<del>7088.4</del> 6 5452-4/			
2	M.S work in framed gratings of gratings of window etc made of round or square bars and frame work or M.S. flats (with the bars securely fixed to theflat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete as directed  No.12, Page No.104)  35Kg/sqm=50.4Kg.  Rs.6299.00per qnti.for 0.504 Qnti	3174.69 4446.79			
3	Reinforced cement concrete-M-20, 1Cum.@Rs.5837.86	5837.86 6256.69			
4	Steel reinforcement for R.C.C. Work @1% of RCC value-78.5Kg @ Rs.67081/Mt.	5606.16			
5	Providing anti-crossive protective coating to inhibit the corrossion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's spesification, complete as per the direction of the Engineer-in-Charge.  (P.W.D 2018 (Roads) IT No-16.21, Pg.322)  Total 1.2x1.2=1.44Sq. @  Rs.506.00per Sqm.	728.64			
	Total Rs.	2209\$.51 224			
	Adding 12% GST Rs.	265.46 269			
	Adding 1% Cess over GST added amount Rs.	220.95 251			
	Contingency 3/. = 755.46 Total Rs.	22581.92 254			
	Contingency 31. = 755.46 Total Rs.  Total Project (of = 26189.46. Say Rs.)  In words Rupees Twenty Two thousand Five hundred Eighty two only	22582.00			

PM&C Sector (Design & Veiting Unit) Sig. of Sub Assistant Engineer **Garulia Municipality** 

Assistant Engineer (C) Sub-Assistant Engineer Assistant Engineer (C) Chairman
Garulia Municipality

Chairman
Chairman
Chairman
Chairman
Chairman
Chairman

Sig of Chirman **Garulia Municipality** 

K. M. D. A.

Rs. 25434.00

# VETTED

30/9/19

Executive Engineer (C)
PM&C Sector (Design & Vetting Unit)
K. M. D. A

Addl. Chief Engineer
PM & C Sector
(Design & Vetting Unit)
K M D A

3/1/3/3

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#### **GARULIA MUNICIPALITY**

Estimate for Screening across drain at Bichalighat , Girishghat in Ward no 19 Under Garulia Municipality.

	Rate Analysis of Grating 1.2 m x 1.2m			
l.No.	Particulars of item	Amount (Rs.)		
1	M.S structural work in columns, beams etc. with simple rolled structural members (e.g.) joints, angle, channel sections conforming to IS 226, IS:808 & SP (6)-1964 connected to one another woth bracket, gussets cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting meter arewelding conforming to IS 816-1969 & IS 1995 using electrodes of approved make and brand conforming to IS 814-2004haulage hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables suchas electrodes gas and hire charges such as electricity charges, labour insurance charges etc.  (PWD 2017 (Building). IT. No.224, Page No.101)  For 2Nos. Channels in sides of grating=2 x 3.5m @16.8Kg/meter=117.6Kg  @Rs.60276 per M.T.=0.1176x60276=Rs.7088.46  73.92  7346 7392 7376 5452 41	<del>7088.45</del> 5452.41		
2	M.S work in framed gratings of gratings of window etc made of round or square bars and frame work or M.S. flats (with the bars securely fixed to theflat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete as directed  (P.W.D.2017 (Building). IT No.12, Page No.104)  35Kg/sqm=50.4Kg.  (P.W.D.2017 (Building). IT Total-1.2m x 1.2m @ Rs.6299.00per qnti.for 0.504 Qnti	3174.69 4446.79		
3	Reinforced cement concrete-M-20, 1Cum.@Rs.5837.86  (Analysis) 6250.09  6250.09			
4	Steel reinforcement for R.C.C. Work @1% of RCC value-78.5Kg @ Rs.67081/Mt.	5265.86 5606.16		
5	Providing anti-crossive protective coating to inhibit the corrossion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption as per manufacturer's spesification, complete as per the direction of the Engineer-in-Charge.  (P.W.D 2018 (Roads) IT No-16.21, Pg.322)  Total 1.2x1.2=1.44Sq. @  Rs.506.00per Sqm.	728.64		
	Total Rs.	22095.51 22		
	Adding 12% GST Rs.	265/46 20		
	Adding 1% Cess over GST added amount Rs.	220.95 25		
	Confingency 3'1 = 755.46 Total Rs. Total Project lost = 26189.46 Say Rs.	22581.92 2-5		
	Total Project lost = 26189.46 Say Rs.	72582.00		

Junior Engine & Vettisig. of Sub Assistant Engineer K. M. D. A.

Sub-Assistant Engineer Assistant Engineer (C) Chairman
Sub-Assistant Engineer (C) Chairman

Municipality

M&C Sector (Design & Vetting Unarulia Municipality

Sig of Chirman **Garulia Municipality** 

Rs. 25434.00

# VETTEL

- Brance 30/9/19

Executive Engineer (C) PM&C Sector (Design & Vetting Unit) K. M. D. A.

Addl. Chief Engineer PM & C Sector (Design & Vetting Unit) KMDA

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### GARULIA MUNICIPALITY

Estimate for Screening across drain at Bichalighat ,near kalyan pally in Ward no 19 Under Garulia Municipality.

	Rate Analysis of Grating 1.2 m x 1.2m	
l.No.	Particulars of item	Amount (Rs.)
1	M.S structural work in columns, beams etc. with simple rolled structural members (e.g.) joints, angle, channel sections conforming to IS 226, IS:808 & (6)-1964 connected to one another woth bracket, gussets cleats as per desig direction of Engineer-incharge complete including cutting to requisite shape length, fabrication with necessary bolting meter arewelding conforming to IS 816-1969 & IS 1995 using electrodes of approved make and brand conforming to IS 814-2004haulage hoisting and erection all complete. The rate includes to cost of rolled steel section, consumables suchas electrodes gas and hire charsuch as electricity charges, labour insurance charges etc.  (PWD 2017 (Building). IT. No. 2A, Page No. 101)  2Nos. Channels in sides of grating=2 x 3.5m @16.8kg/meter=117.6kg  @Rs.60276 per M.T.=0.1176x60276=Rs.7088.46  73-91  7374	gn, and S ng 6452*41 the
2	M.S work in framed gratings of gratings of window etc made of round or squared bars and frame work or M.S. flats (with the bars securely fixed to theflat bar frame) with or without intermediate flat bar stiffener and fixed with necessar screws etc. complete as directed  No.12, Page No.104)  35Kg/sqm=50.4Kg.  QRS.6299.00per qnti.	3174.69 4446.79
3	Reinforced cement concrete-M-20, 1Cum.@Rs.5837.86  (Analysia) 6250.00	5 <del>837.86</del> 6256.09
4	Steel reinforcement for R.C.C. Work @1% of RCC value-78.5Kg @ Rs.67081/	Mt. 5265.86
5	Providing anti-crossive protective coating to inhibit the corrossion to HYSD reinforcements including two coats of anti-corrosive coatings of consumption per manufacturer's spesification, complete as per the direction of the Engine in-Charge.  (P.W.D 2018 (Roads) IT In 16.21, Pg.322)  Rs.506.00per Sqm.	on as eer- No-
		al Rs. 22095.51 22
	Adding 12% GS	
•	Adding 1% Cess over GST added amoun	
		al Rs. 22581.92 25
	Total Project Cost = 26189.46 Sa	ay Rs. 2/2582.00

Junior Engineer (C) PM&C Sector (Design & Sig. of Sub Assistant Engineer K. M. D. A. Garulia Manual

Sig of Chirman **Garulia Municipality** 

Assistant Engineer (C) Sub-Assistant Engineer PM&C Sector (Design & Vetting Unit)
Garulia Municipality

K. M. D. A. Rs. 25 434.00

# VETTED

3019119

Executive Engineer (C)
PM&C Sector (Design & Vetting Unit)
K. M. D. A.

Addl! Chief Engineer
PM & C Sector
(Design & Vetting Unit)
K M D A

## NAIHATI MUNICIPALITY

- 1) Total No. Screens have been made= 14 Nos.
- 2) Total No. Screens have been installed= 4 Nos.
- 3) Total No. of Screens to be installed= 10 Nos.

Executive Officer
NAIHATI MUNICIPALITY



Director SUDA <sbm.wbsuda@gmail.com>

### **Titagarh Municipality**

1 message

Titagarh Municipality <titagarh2007@yahoo.com> Reply-To: "titagarh2007@yahoo.com" <titagarh2007@yahoo.com> To: Director SUDA <sbm.wbsuda@gmail.com>

Tue, Aug 27, 2019 at 5:49 PM

This is for your kind information that installation of screens have been completed at 03 points.





**''ইলগাস ভবন'',** এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

क्रिक नः SUDA-229/208/7001

তারিখ 18 - 10 - 2019

From

: The Director, SUDA,

To

: The Administrator / Chairman / Chairperson

Mahestala Municipality

Subject

: Compliance of the direction of the West Bengal State Level Monitoring

Committee on SWM under Honourable NGT

Ref letter No: 1. SUDA - 229/2019/5792 - H

Dated: 21/08/2019

2. SUDA - 332/2019/5354

Dated: 09/08/2019

3. SUDA - 229/2018/4838

Dated: 24/07/2019

4. SUDA - 50/2016/4505 (42)

Dated: 05/07/2019

Sir/Madam,

As per reports provided from your end regarding installation of screens on Nullah/Drains/Outfall discharging into the river GANGA the following observations are recorded.

- No of the Nullah/Drains/Outfall under your municipality: 10 Nos
- No of the Nullah/Drains/Outfall where Screens to be installed: 01 Nos

In this connection you are requested to submit an action taken report regarding installation of screens and also to share the actual position of the work done by other departments regarding the same on the drains under their control if any, positively by 23.10.2019 for submission of the same before to the West Bengal State Level Monitoring Committee on SWM under Honourable NGT.

Please treat this as extremely Urgent.

Yours faithfully

Director, SUDA

Date:

Memo No -

Copy Forwarded for kind information to

1. P.S. to Principal Secretary with a request to put up before his perusal please.

Director, SUDA

Tel: 2358 6403/5767, Fax: 2358 5800, E-mail: wbsudadir@gmail.com





তারিখ 18 - 10 - 20 9

'**'ইলগাস ভবন'', এই**চ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং .. SUDA-229/2018/7000 From : The Director, SUDA,

To

: The Administrator / Chairman / Chairperson

Champdany Municipality

Subject

: Compliance of the direction of the West Bengal State Level Monitoring

Committee on SWM under Honourable NGT

Ref letter No: 1. SUDA - 229/2018/5792-B

2. SUDA - 332/2019/5354

3. SUDA - 229/2018/4838

4. SUDA - 50/2016/4505 (42)

Dated: 21/08/2019

Dated: 09/08/2019

Dated: 24/07/2019

Dated: 05/07/2019

Sir/Madam,

As per reports provided from your end regarding installation of screens on Nullah/Drains/Outfall discharging into the river GANGA the following observations are recorded.

- No of the Nullah/Drains/Outfall under your municipality: 02 Nos
- No of the Nullah/Drains/Outfall where Screens to be installed: 01 Nos

In this connection you are requested to submit an action taken report regarding installation of screens and also to share the actual position of the work done by other departments regarding the same on the drains under their control if any, positively by 23.10.2019 for submission of the same before to the West Bengal State Level Monitoring Committee on SWM under Honourable NGT.

Please treat this as extremely Urgent.

Yours faithfully

Director, SUDA

Date:

Or 18/10/19

Memo No -

Copy Forwarded for kind information to

1. P.S. to Principal Secretary with a request to put up before his perusal please.

Director, SUDA



# রাজ্য নগর উন্নয়ন সংস্থা



#### STATE URBAN DEVELOPMENT AGENCY

'**'ইলগাস ভবন'',** এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

क्मिक नर SUDA-229/2018/7002

जाविश्व 18 · 10 · 2019

From

: The Director, SUDA,

To

: The Special Comissioner

Kolkata Municipal Corporation

Subject

: Compliance of the direction of the West Bengal State Level Monitoring

Committee on SWM under Honourable NGT.

Ref letter No: 1. SUDA - 229/2018/5793 A

Dated: 21/08/2019

2. SUDA - 332/2019/5354

Dated: 09/08/2019

3. SUDA - 229/2018/4845

Dated: 24/07/2019

4. SUDA - 50/2016/4505 (42)

Dated: 05/07/2019

Sir/Madam,

As per reports provided from your end regarding installation of screens on Nullah/Drains/Outfall discharging into the river GANGA and dumpsites by the bank of the river GANGA, the following observations are recorded.

- No of Nullah/Drains/Outfall discharging to River Ganga: 12Nos
- No of the Nullah/Drains/Outfall where Screens to be installed: 1 No.

In this connection you are requested to submit an action taken report regarding installation of screens and also to share the actual position of the work done by other departments regarding the same on the drains under their control if any, positively by 23.10.2019 for submission of the same before to the West Bengal State Level Monitoring Committee on SWM under Honourable NGT.

Please treat this as extremely Urgent.

Yours faithfully

Date:

Memo No -

Copy Forwarded for kind information to

1. P.S. to Principal Secretary with a request to put up before his perusal please.





'বিলগাস ভবন''. এইচ-সি ব্লক. সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA-229/2018 (5987 From : The Director, SUDA,

णातिष 18·10·2019

To

: The Administrator / Chairman / Chairperson

Berhampur Municipality

Subject

: Compliance of the direction of the West Bengal State Level Monitoring

Committee on SWM under Honourable NGT

Ref letter No: 1. SUDA - 229/2018/5792 A

Dated: 21/08/2019

2. SUDA - 332/2019/5354

Dated: 09/08/2019

3. SUDA - 229/2018/4837

Dated: 24/07/2019

4. SUDA - 50/2016/4505 (42)

Dated: 05/07/2019

Sir/Madam,

As per reports provided from your end regarding installation of screens on Nullah/Drains/Outfall discharging into the river GANGA the following observations are recorded.

- No of the Nullah/Drains/Outfall under your municipality :- 19 Nos
- No of the Nullah/Drains/Outfall where Screens to be installed: 19 Nos

In this connection you are requested to submit an action taken report regarding installation of screens and also to share the actual position of the work done by other departments regarding the same on the drains under their control if any, positively by 22.10.2019 for submission of the same before to the West Bengal State Level Monitoring Committee on SWM under Honourable NGT.

Please treat this as extremely Urgent.

Yours faithfully

Director, SUDA

Memo No - SV DA - 229/2018

Date: 18.10.2019

Copy Forwarded for kind information to

1. P.S. to Principal Secretary with a request to put up before his perusal please.

Director, SUDA

Tel: 2358 6403/5767, Fax: 2358 5800, E-mail: wbsudadir@gmail.com





**'ইলগাস ডবন'',** এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

क्रिक नः SUDA-229/2018/6985

जाविश्व 18·10·2019

From

: The Director, SUDA,

To

: The Administrator / Chairman / Chairperson

Garulia Municipality.

Subject

: Compliance of the direction of the West Bengal State Level Monitoring

Committee on SWM under Honourable NGT

Ref letter No: 1. SUDA - 229/2018/5792 A

Dated: 21/08/2019

2. SUDA - 332/2019/5354

Dated: 09/08/2019

3. SUDA - 229/2018/4839

Dated: 24/07/2019

4. SUDA - 50/2016/4505 (42)

Dated: 05/07/2019

Sir/Madam,

As per reports provided from your end regarding installation of screens on Nullah/Drains/Outfall discharging into the river GANGA the following observations are recorded.

- No of the Nullah/Drains/Outfall under your municipality :- 10 Nos
- No of the Nullah/Drains/Outfall where Screens to be installed: 10 Nos

In this connection you are requested to submit an action taken report regarding installation of screens and also to share the actual position of the work done by other departments regarding the same on the drains under their control if any, positively by 22.10.2019 for submission of the same before to the West Bengal State Level Monitoring Committee on SWM under Honourable NGT.

Please treat this as extremely Urgent.

Yours faithfully

Director, SUDA

Memo No -

Date:

Copy Forwarded for kind information to

1. P.S. to Principal Secretary with a request to put up before his perusal please.

Director, SUDA





जातिय <u>। हि । 10 : 2019</u>

**''ইলগাস ভবন'',** এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

क्रिक नर SVDA-229/2016/6986

: The Director, SUDA,

To

: The Administrator / Chairman / Chairperson

Haldia Municipality.

Subject

: Compliance of the direction of the West Bengal State Level Monitoring

Committee on SWM under Honourable NGT

Ref letter No: 1. SUDA - 229/2018/5792 A

2. SUDA - 332/2019/5354

3. SUDA - 229/2018/4840

4. SUDA - 50/2016/4505 (42)

Dated: 21/08/2019

Dated: 09/08/2019

Dated: 24/07/2019

Dated: 05/07/2019

Sir/Madam,

As per reports provided from your end regarding installation of screens on Nullah/Drains/Outfall discharging into the river GANGA the following observations are recorded.

- No of the Nullah/Drains/Outfall under your municipality :- 08 Nos
- No of the Nullah/Drains/Outfall where Screens to be installed :- 08 Nos

In this connection you are requested to submit an action taken report regarding installation of screens and also to share the actual position of the work done by other departments regarding the same on the drains under their control if any, positively by 22.10.2019 for submission of the same before to the West Bengal State Level Monitoring Committee on SWM under Honourable NGT.

Please treat this as extremely Urgent.

Yours faithfully

Director, SUDA

Memo No - SUDA -229/2018

Copy Forwarded for kind information to

Date: 18.10.19

1. P.S. to Principal Secretary with a request to put up before his perusal please.

Director, SUDA





'**'ইলগাস ডবন'', এই**চ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

क्यिक नर SUDA - 229/2018/6984

তারিশ 18 - 10 - 2019

From

: The Director, SUDA,

To

: The Commissioner

Howrah Municipal Corporation

Subject

: Compliance of the direction of the West Bengal State Level Monitoring

Committee on SWM under Honourable NGT

Ref letter No: 1. SUDA - 229/2018/5793 B 2. SUDA - 332/2019/5354

2. SUDA - 229/2018/4842 3. SUDA - 50/2016/4505 (42) Dated: 21/08/2019

Dated: 09/08/2019 Dated: 24/07/2019 Dated: 05/07/2019

Sir/Madam,

As per reports provided from your end regarding installation of screens on Nullah/Drains/Outfall discharging into the river GANGA the following observations are recorded.

- No of the Nullah/Drains/Outfall within the area of Howrah municipality: 30 Nos
- No of the Nullah/Drains/Outfall where Screens to be installed: 05, Nes of which 02 belongs to Irrigation Department, 02 belongs to KMDA and 01 in a private land.

In this connection you are requested to submit an action taken report regarding installation of screens and also to share the actual position of the work done by other departments regarding the same on the drains under their control positively by 22.10.2019 for submission of the same before to the West Bengal State Level Monitoring Committee on SWM under Honourable NGT.

Please treat this as extremely urgent.

Yours faithfully

Date: 18.10.2019

Memo No - SUDA - 229/2018

Copy Forwarded for kind information to

1. P.S. to Principal Secretary with a request to put up before his perusal please.

Director, SUDA

Tel: 2358 6403/5767, Fax: 2358 5800, E-mail: wbsudadir@gmail.com

Telephone No. 2561-5061

chairman garulia@rediffmail.com

Fax no. 2540-8432 (033)

### Office of the Councillors, Garulia Municipality

P.O. Garulia, Dist - North 24 Parganas

### SRI SUNIL NASKAR

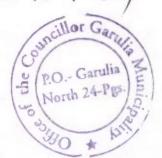
**Executive Officer**Garulia Municipality

Date: 16-07-2019

Memo No. 186

To
The Programme Director
WBSPMG & CEO, KMDA
UNNAYAN BHAWAN
3rd Floor, DJ-11, Sector-II
Salt Lake City
Kolkata - 700091





Sub: Screening across channels/drains and IEC activities

Ref: Your letter vide Memo No.1796-NGRBA/SPMG/Ganga Committee-374/2017(P-1) dated 05-04-2019

Sir,

In reference to above and our previous Letter No.19 dated 09-04-2019, I am sending herewith the reminder of the Screening Report alongwith the fund requirement for Screening across channels/drains and IEC activities.

An early action for providing fund may please be ensured.

Thanking you,

Yours faithfully,

Executive Officer
Garulia Municipality

Enclo: As stated above

Nemo No . 186/(1)

Copy to:

The Director

State Urban Development Agency

ILGUS BHAVAN, H.C. Block, Sector-III

Bidhannagar, Kolkata-700106

- for information and necessary action.

Executive Officer Garulia Municipality

Executive Officer
Garulia Municipality



# Office of the Haldıa Municipality

Dr. B.R. Ambedkar Bhawan, Administrative Building, City Centre P.O.-Debhog, Haldia, Purba Medinipur, West Bengal

**2**: 03224-252996/252997 255051/252644

Fax: 03224-252154 E-mail: haldiamunicipality@gmail.com

Memo No.:

Date: 27.08.19

To. The Director. State Urban Development Agency, Ilgus Bhaban, H-C Block, Sector-III, Bidhannagar, Kolkata-700106.



Sub.: Compliance of the direction of the West Bengal State Level Monitoring Committee on SWM under Hon'ble N.G.T.

Ref.: Your good office Memo No-332/2019/5354 dated-09/08/19.

Respected Madam,

The report as sought for under subject & reference is given hereunder: Number of Nullah/Drains/Outfall under this Municipality-08nos.

There are eight lock gate in respect of eight numbers of outfalls which are doing the function of screener and regular cleaning is being done in the lockgate areas.

Besides, estimate for installation of permanent screener estimate has been done by this end. Work order will be issued shortly. Rs.36.14lakh will be spent for the said purpose. Kindly allow three months time for completion of the total work.

This is for your kind information.

Thanking you,

Yours faithfully,

**Executive Officer** Haldia Municipality

Please update the report.

Please update the report.

Pal. 02/09/2019



#### OFFICE OF THE MUNICIPAL COUNCILLORS OF BANSBERIA

Rudra Main Road, P.O. Bansberia, District Hooghly, West Bengal, P.I.N. 71250.

Phone No. 033 26346324, Fax No. 263 150 mail address: bansb\_04@yahoo.com

Memo No:

The General Manager, Ganges Jute Mill Private Limited Bansberia, Hooghly, Pin-712502

Date: 17th July 2019

Sub: Prevention of River Ganga Pollution and Solid Waste Management practices

Sir.

I am to state that this Municipality has received directives from the Deputy Director of State Urban Development Agency, Government of West Bengal and communication made by the Principal Secretary, Urban Development & Municipal Affairs Department, Government of West Bengal that all 40 Ganga Towns should take immediate action on the issue of solid waste management and has to install screens at all outfalls to River Ganga so that solid waste can be arrested from flowing directly into the river Ganga through these Nullahs . In this regard you are requested to put screens on all outfalls /channels leading river Ganga at interval with reasonable distance away from culminating points to arrest or restrict solid waste from flowing directly or indirectly to the river.

You are requested for immediate action to be taken from your good office for the compliance of the order of the Honourable National Green Tribunal to avoid any adverse order in this regard for non compliance.

The Municipal authority is expecting an early action should be taken by 31st July 2019 and requesting to submit an action taken report as early as possible.

Thanking you,

Yours faithfully

Chairperson

Dt. 13-15 Bansberia Municipality

MEMO- 1567/1 Enclo: (1) Copy of the Letter of instruction received from the Principal Secretary, Urban Development & Municipal Affairs Department, Government of West Bengal

Copy forwarded for kind information to : (1) The Director State Urban Development Agency, Government of West Bengal, ILGUS Bhaban, HC Block, Sector- III, Salt Lake, Kolkata - 700 106

SNI. EST SK. Michron

Bansberia Municipality

Chairperson **Bansberia Municipality**  Telephone No. 2561-5061

chairman\_garulia@rediffmail.com

Fax no. 2540-8432 (033)

Office of the Councillors, Garulia Municipality

P.O. Garulia, Dist - North 24 Parganas

### SRI SUNIL NASKAR

**Executive Officer** 

Garulia Municipality

Date: 19-08-19

Memo No: 280

To
The Programme Director
WBSPMG & CEO, KMDA
UNNAYAN BHAWAN
3<sup>rd</sup> Floor, DJ-11, Sector-II
Salt Lake City
Kolkata - 700091

Sub: Screening across channels/drains and IEC activities

Ref: Your letter vide Memo No.1796-NGRBA/SPMG/Ganga Committee-374/2017(P-1) dated 05-04-2019

Sir,

In further reference to above and our previous Letter No.19 dated 09-04-2019 and Letter No.186 dated 16-07-2019, I am sending herewith the reminder of the Screening Report alongwith the fund requirement on urgent basis for Screening across channels/drains and IEC activities.

An early action for providing fund may please be ensured.

Thanking you,

Yours faithfully,

Executive Officer Garulia Municipality

Enclo: As stated above

Copy to:
The Director
State Urban Development Agency
ILGUS BHAVAN, H.C. Block, Sector-III
Bidhannagar, Kolkata-700106
- for information and necessary action.

Executive Officer Garulia Municipality Telephone No.2561-5061 chairman\_garuha, rediffmail.com\_Fax No.2540-8432 (033)
Office of the Councillors, Garulia Municipality
P.O. Garulia, Dist-North 24 Parganas

#### Sri Sunil Naskar Executive Officer Garulia Municipality

Memo. 17

To
The Programme Director
WBSPMG & CEO, KMDA
Unnayan Bhawan
3rd Floor, DJ-11, Sector-II,
Salt Lake City, Kolkata-700091.

Sir.

Sub: Screening across channels/drains and IEC activities.

Ref: 1796-NGRBA/SPMG/Ganga Committee-374/2017

(P-1) dt.05-04-2019.

In reference to above I am sending herewith the screening report along with the fund requirement for the works to be under taken mention in the said screening report.

This is for your doing needful from your end.

Enclo: As Stated above

Yours faithfully,

Executive Officer Garulia Municipality

Date: 09-04-2019

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P.O. Garuha
North 24-Pm.
C. North 24-Pm.
C. North 24-Pm.
C. North 24-Pm.

Screening report of drains discharging into Rive

Name of the drains/Channels	Number of screens installed	location	Ward No.	Type of screning	
Ratneswarghat, Garulia	4	Dunbar Mill	7	Туре-1	Requirement of Fund
Kangalighat, Garulia	1	Old Ferryghat	8	7 4	Rs.39,743.00
Kangalighat, Garulia	1	Thakurbari Road		Type-1	Rs.39.743.00
Babughat, Garulia	1		8	Type-1	Rs.39,743.00
Babughat (Colony),	-1-	Ferryghat	19	Type-1	Rs. 39, 743.00
Garulia	1	Dr. M.M. Banerjee Rd. bye lane	19	Туре-1	Rs.39,743.00
Bichalighat, Garulia	1	Girishghat	19	Type-1	
Bichalighat, Garulia	1	Near Kalyan Pally, Garulia	19	Type-1	Rs.39,743.00
Bichalighat, Garulia	1	Bichalighat	19	Tuno 1	Rs.39,743.00
Old Burning ghat, Garulia	1	Old Burning Ghat, Garulia	19	Type-1	Rs.39,743.00
Pacha khal	1	Near Lock Gate	20	Type-1	Rs.39,743.00
			1	Total	Rs. 39,743.00 Rs. 3,97,430.00

Sub-Assistant Engineer Garulia Municipality

Sub-Assistant Engineer Garulia Municipality

the Councy

Executive Officer Garulia Municipality

Francis of Officer

Telephone No. 2561-5061

chairman\_garulia@rediffmail.com

Fax no. 2540-8432 (033)

### Office of the Councillors, Garulia Municipality

P.O. Garulia, Dist - North 24 Parganas

### SRI SUNIL NASKAR

Executive Officer
Garulia Municipality

Memo No 186

Date: 16-07-2019

To
The Programme Director
WBSPMG & CEO, KMDA
UNNAYAN BHAWAN
3rd Floor, DJ-11, Sector-II
Salt Lake City
Kolkata - 700091

Sub: Screening across channels/drains and IEC activities

Ref: Your letter vide Memo No.1796-NGRBA/SPMG/Ganga Committee-374/2017(P-1) dated 05-04-2019

Sir.

In reference to above and our previous Letter No.19 dated 09-04-2019, I am sending herewith the reminder of the Screening Report alongwith the fund requirement for Screening across channels/drains and IEC activities.

An early action for providing fund may please be ensured.

Thanking you,

Yours faithfully,

Executive Officer Garulia Municipality

> Executive Officer Gardia Memorpality

Enclo: As stated above

Copy to:
The Director
State Urban Development Agency
ILGUS BHAVAN, H.C. Block, Sector-III
Bidhannagar, Kolkata-700106
for information and necessary action.

Executive Officer Garulia Municipality



# UD100/2019/07734 24. 09/7419

# রাজ্য নগর উন্নয়ন সংস্থা



### STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ "ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক HPA- 50/2016/	তারিখ
1. The Chairman/Chairperson, Mu 2. The Municipal Commissioner Kolkata Municipal Corpo 3. The Commissioner, Howrah/ Chandernagore Municipal 4. The Administrator, Municipality	al Corporation
Sub: Review meeting on the progress of solid waste man Bengal to prevent Ganga pollution scheduled on 10 SUDA	agement activities in 42 Ganga towns of West 0.07.2019 at 12 noon in the conference hall of
Madam/Sir,	
A review meeting on the progress of solid waste ma	nagement activities to prevent pollution in 42
Ganga towns is scheduled on 10.07.2019 at 12 noon in the	conference hall of State Urban Development
Agency, ILGUS Bhawan, HC-Block, Sector-II, Salt Lake, Kolkata	<b>- 700106</b> .
You are requested to kindly depute Joint Commission and the Nodal Officer for SWM of your ULB to attend the med format enclosed in the above mentioned venue, date and time	eting alongwith updated progress report as per
80) V 6.7.19	Yours faithfully
Enclo: As stated above	Sd/-
	(Director)
SUDA- 50/2016/4505/1(6)	Date. 05.07.2019

#### Copy forwarded for kind information to:

- Chief Executive Officer, KMDA may kindly advise Chief Engineer (SWM) to remain present with relevant ongoing/ upcoming project details for Ganga towns.
- Project Director, SPMG may kindly advise concerned Officer to remain present with relevant ongoing/ upcoming project details for Ganga towns.
- 3. Joint Secretary, UD&MA Department, GoWB & Additional Director, SUDA
  - Secretary, MED with request to kindly advice concerned Engineer to remain present with relevant project details.
  - 5. PS to the Principal Secretary, UD&MA Department, GoWB
  - OSD, SUDA with the request to book the Conference Hall and make necessary arrangement for refreshment.

DDF 5/7/19
(Director)

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাকু : ২৩৫৮ ৫৮০০

Tel: 2358 6403/5767, Fax: 2358 5800, E-mail: wbsudadir@gmail.com

List of Ganga Towns

S No.	Name of Town	District
1	Katwa	Barddhaman
2	Baidyabati	Hooghly
3	Bansberia	Hooghly
4	Bhadreshwar	Hooghly
5	Champdani	Hooghly
	Chandannagar MC	Hooghly
	Hooghly-Chinsurah	Hooghly
8	Konnagar	Hooghly
	Rishra	Hooghly
10	Serampore	Hooghly
11	Uttarpara	Hooghly
12	Howrah MC + Bally	Howrah
13	Uluberia	Howrah
14	Kolkata MC	Kolkata
15	Murshidabad	Murshidabad
16	Behrampur	Murshidabad
	Dhulian	Murshidabad
18	Jangipur	Murshidabad
	Jiaganj-Azimganj	Murshidabad
	Kalyani	Nadia
	Nabadwip	Nadia
	Santipur	Nadia
	Chakdah	Nadia
24	Gayespur	Nadia
25	Krisnagar	Nadia
26	Kanchrapara	North 24 Parganas
27	Baranagar	North 24 Parganas
	Barrackpore	North 24 Parganas
	Bhatpara	North 24 Parganas
30	Garulia	North 24 Parganas
31	Halishahar	North 24 Parganas
32	Kamarhati	North 24 Parganas
33	Khardah	North 24 Parganas
34	Naihati	North 24 Parganas
35	Panihati	North 24 Parganas
	Titagarh	North 24 Parganas
-	Haldia	Purba Medinipur
38	BudgeBudge	South 24 Parganas
-	Maheshtala	South 24 Parganas
40	Diamond Harbour	South 24 Parganas
$\rightarrow$	Pujali	South 24 Parganas
42	North Barrackpore	North 24 Parganas