

West Bengal State NGRBA Program Management Group (SPMG) Urban Development & Municipal Affairs Department, Govt. of West Bengal

Memo No .:- 1817 -NGRBA/SPMG/AP-NGT-505/2018

Dated: 26/04/2019

MEETING NOTICE

In O.A. No. 606/2018 The Hon'ble Nation Green Tribunal on 02.04.2019, while considering the status of compliance of the earlier Orders of this Tribunal and implementation of Municipal Solid Waste Management Rules, 2016 by the State, delivered an Order to be complied with by the State Pollution Board and the State of West Bengal.

Again, on 08.04.2019, Hon'ble National Green Tribunal in O.A.No. 673/2018 during consideration of the status of compliance of the earlier Orders of the Tribunal on the subject of preparation and submission of Action Plans for the identified Priority wise polluted river stretches, pronounced some directions in their Order. These directions are for compliance by the Central Pollution Control Board (CPCB), State Pollution Control Board and the State of West Bengal as well.

Further, in consonance with such directions West Bengal Pollution Control Board has compiled Action Points for river Vidyadhari, river Mahananda and other eight rivers Dwarka, Dwarakeshwar, Kaljani, Karola, Mayurakshi, Rupnarayan, Silabati and Teesta. A copy of which is attached for your perusal.

In view of this, a detailed discussion is required to finalise the timelines for action plan submitted by respective departments and modification in action plan or formulation of policy as communicated/suggested by CPCB/NGT.

A meeting is convened on 30th April 2019 at 3:00 PM in the conference hall of Environment Department.

You are requested to make it convenient to attend the meeting.

In the said meeting, all are requested to come prepared with their opinion or suggestions, if any, that are required regarding any modification or addition to the said Action Plans, as well as the issues relating to execution of the action plans taking into account the budgetary approval, timelines & bar charts for review.

Enclo: As stated above

Program Director, WBSPMG & CEO, KMDA & Member Secretary, RRC

Memo No.:- 1817/1(23) -NGRBA/SPMG/AP-NGT-505/2018

Dated: 26/04/2019

Copy forwarded for information with request to attend the said meeting -

1. Mr. Niraj Singhal, IFS, Chief Environment Officer also Member Secretary, WBPCB-Member

2. Mr. Sanjay Bansal, IAS, CEO, KMDA and Project Director, SPMG - Member Convenor

"Unnayan Bhawan", 3rd Floor, DJ-11, Sector -I I, Salt Lake City, Kolkata - 700 091 Phone: +91-33-2321-7371 Email: spmg.programdirector@gmail.com



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West Bengal State NGRBA Program Management Group (SPMG) Urban Development & Municipal Affairs Department, Govt. of West Bengal

- 3. Commissioner of Kolkata Municipal Corporation Member
- 4. Commissioner of Howrah Municipal Corporation Member
- 5. Commissioner of Siliguri Municiapl Corporation Member
- 6. CEO of Siliguri Jalpaiguri Development Authority Member
- 7. CEO of Asansol Durgapur Development Authority Member
- 8. Director State Urban Development Authority Member
- 9. Director Water Investigation Directorate Member
- 10. Mr. Ujjal Mukherjee, Chief Scientist, WBPCB-Member
- 11. Mr. Biswajit Mukherjee, Chief Engineer, KMDA-Member
- 12. The Director, Industries Member
- Representative not below the rank of Joint Secretary, of the Additional Chief Secretary / Principal Secretary, Irrigation and Waterways Department - Member
- Representative not below the rank of Joint Secretary, of the Additional Chief Secretary / Principal Secretary, Information Technologies & Electronics Department - Member
- Representative not below the rank of Joint Secretary, of the Additional Chief Secretary / Principal Secretary, Forest Department - Member
- Representative not below the rank of Joint Secretary, of the Additional Chief Secretary / Principal Secretary, Public Health Engineering Department - Member
- 17. Representative not below the rank of Joint Secretary, of the Additional Chief Secretary / Principal Secretary, Micro, Small & Medium Enterprises Department Member
- 18. Representative not below the rank of Joint Secretary, of the Additional Chief Secretary / Principal Secretary, Health & Family Welfare Department Member
- 19. Representative not below the rank of Joint Secretary, of the Additional Chief Secretary / Principal Secretary, Water Resources Investigation & Development Department Member
- 20. Representative not below the rank of Joint Secretary, of the Additional Chief Secretary / Principal Secretary, Urban Development and Municipal Affairs Department Member
- 21. Representative not below the rank of Joint Secretary, of the Additional Chief Secretary / Principal Secretary, Agriculture Department Member
- 22. Representative not below the rank of Joint Secretary, of the Additional Chief Secretary / Principal Secretary, Panchayat and Rural Development Department- Member

23. Mr. Anirudha Mukherjee, Sr. Engineer, SPMG. (Special Invitee).

Program Director, WBSPMG & CEO, KMDA & Member Secretary, RRC

STATUS REPORT AND PROBABILISTIC ACTION PLAN FOR THE IDENTIFIED URBAN LOCAL BODIES (ULBs) FOR 17 POLLUTED RIVER STRETCHES PRIORITY – I, II, III, IV & V, TO BE SUBMITTED BEFORE THE RIVER REJUVENATION COMMITTEE (RRC), IN CONNECTION WITH THE ORDER OF NGT O.A. 673/2017 AND O.A. 727/2018

PRIORITY - I

1. NAME OF THE RIVER:

RIVER STRETCH:

VIDYADHARI

HAROA BRIDGE TO MALANCHA BURNING

GHAT

Towns/Urban agglomerates

identified by WBPCB:

NIL

PRIORITY - II

2. NAME OF THE RIVER:

RIVER STRETCH:

MAHANANDA

SILIGURI TO BINAGURI

Towns/Urban agglomerates identified by WBPCB:

SILIGURI MUNICIPAL CORPORATION

Sl. No.	Basic information/Points of concern	Present position & future Planning	Timeframe
1.	Population	513264	
2.	No. of wards	47	
3.	Municipal Solid Waste generated per day	300 MT(approx.)	
4.	Number and location of drains discharging untreated municipal waste of Siliguri Municipal Corporation into the river Mahananda	River Mahananda is flowing through ward nos. 42, 43, 44, 10, 46, 45, 2, 3, 1, 5, 31 & 32 in Siliguri MC jurisdiction. Detailed report is available with SJDA.	
5.	Any existing plan for management (e.g. interception of drains and treatment) of municipal waste water Functioning/Status of STPs (Sewerage Treatment Plant)/ETPs (Effluent Treatment Plant)/CETP (Common Effluent Treatment Plant), if any	STPs are under supervision of SJDA and are no functioning; a DPR will be prepared for restoration of such treatment facilities at once at also the sewerage system within the city.	
6.	Amount of Municipal Solid Waste generated within the Municipal boundary and the practice of management (collection, segregation, treatment, disposal etc.) of such wastes.	River Mahananda is cleaned reg MC alongwith CRPF jointly und number of public toilets have als constructed on the river bank of to prevent open defecation in the	ler SBM. A so been river <mark>Mahananda</mark>

	Basic information/Points of concern	Present position & future Planning	Timeframe
•	a) Waste generation per day	a) 300 MT (approx.)	
	 b) Characterization of MSW (dry & wet waste percentage) c) Percentage of door to door Collection of Waste d) Mode of transportation of MSW 	c) -	
	e) Processing facilities if any		
	f) Location of Disposal Ground/Sanitary Landfill if any g) Whether any DPR regarding SWM prepared and submitted	f) - g) Yes; An integrated SWM projectification facility of Waste to Complete Plant is prepared. The project may be implefrom sanctioning of the project facility of the proje	emented by 3 years
7.	Trade and sewage generated in the catchment area of polluted river stretch	Trade waste collected and d	
8.	Plantation on both sides of the polluted river	Riverside beautification has nos. 46, 45, 10 & 31.	s been done at ward
9.	Whether there is any proposal of setting up of any Parks beside the concern river stretch	implemented under Amire	the parks are being
	Setting up of biodiversity Parks on flood plains by removing encroachments		

Sl. No.	Basic information/Points of concern	Present position & future Planning	Timeframe
10	Names of the ghats, specifying ward no., on river Mahananda within the municipal boundary.		

PRIORITY - III

 NAME OF THE RIVER: RIVER STRETCH: Towns/Urban agglomerates identified by WBPCB:

CHURNI SANTIPUR TOWN TO MAJHADIA

RANAGHAT MUNICIPALITY

Sl. No.	Basic information/Points of concern	Present position & future planning	Timeframe
1.	Population	75344	
2.	No of wards	20	
3.	Municipal Solid Waste generated per day	28.18 MT(approx.)	
4.	Number and location of drains discharging untreated municipal waste of Ranaghat Municipality into the river Churni	 Murarinagar under Nokar Joygopalpur in ward no. 1 Millpara North in ward no. GNPC (side of fire station) Talpukurpara in ward no. Kheyaghat Chitannya Ma Radharani in ward no. 2 Nadia Samaj Pally in ward Chhotobazar in ward no. Vhuripara (Anandalok) in Thanapara – I in ward no. Thanapara – II in ward no. Sreenathpur in ward no. 	9 0. 19 1) in ward no. 20 20 10 ndir in ward no.1 10 10 10 10 10 10 10 10 10 10 10 10 10
5.	Any existing plan for management (e.g. interception of drains and treatment) of municipal waste water Functioning/Status of STPs (Sewerage Treatment Plant)/ETPs (Effluent Treatment Plant)/CETP (Common Effluent Treatment Plant), if any	A DPR has been prepared by Development of Interception of Network for existing drain fal including Sewage Treatment I with 15 yrs. Of O&M. Adminireceived vide no. 2897-UD/P, dated 25.09.2018; Executing agency - KMDA 1. 1st Call was not matured. 2. It was suggested to convert Treatment Plant to Low Colike the other two. Hence project got reduced. The resend to the Department for administrative approval at the seminary of the project of the Department for administrative approval at the seminary of the project of the Department for administrative approval at the project of the Department for administrative approval at the project of the Department for administrative approval at the project of the Department for administrative approval at the project of the Department for administrative approval at the project of the Department for administrative approval at the project of the Department for administrative approval at the project of the Department of th	ling in river Churni Plant at Ranaghat strative Approval /M/B/2F-116/2018 It the 3rd High Cost ost Treatment Plant, the overall cost of the evised DPR will be or necessary nd sanction.

1.	Basic information/Points of concern	Present position & future planning	Timeframe
	Amount of Municipal Solid Waste generated within the Municipal boundary and the practice of management (collection, segregation, treatment, disposal etc.) of such wastes. a) Waste generation per day b) Characterization of MSW (dry & wet waste percentage) c) Percentage of door to door Collection of Waste d) Mode of transportation of MSW e) Processing facilities if any f) Location of Disposal Ground/Sanitary Landfill if any g) Whether any DPR regarding SWM prepared and submitted	a) 28.18 MT (approx.) b) Wet: 20% & Dry: 80% c) 100% d) Hand cart and Tractor e) An integrated SWM project with processing facility of Waste to Energy, i.e. Bio-Gas Plant is under construction. f) Anulia Trenching Ground	An integrated SWM project with processing facility of Waste to Energy, i.e. Bio-Gas Plant had been sanctioned and initiated under Mission Nirmal Bangla (Urban) from the state budgetary allocation. Project will be implemented by March 2020. Procurement of bins, auto-tippers, back-hoe loaders etc. are done, whereas the construction of processing facility had been started. Besides, UD&MA Dept. had provided 1 no. 14m³ movable compactor, 1 no. 10m³ hydraulic dumper truck and 1 no. 2.2m³ small garbage hydraulic tipper, under Mission Nirmal Bangla (Urban) to strengthen the waste collection network in addition to existing facilities available within the municipality.
7.	Trade and sewage generated in the catchment area of polluted river stretch	this municipal area.	
8.	Plantation on both sides of the polluted river	Plantation done at back side of Happy club Ground in Ward No. 2 and Tahanpara near OHR at Zone B in Ward No. 10.	

Sl. No.	Basic information/Points of concern	Present position & future planning	Timeframe
9.	Whether there is any proposal of setting up of any Parks beside the concern river stretch Setting up of biodiversity Parks on flood plains by removing encroachments	Two parks have been constructed: 1) Beside Churni river at back side of Happy club Ground in Ward No. 2 and 2) Tahanpara near OHR at Zone B in Ward No. 10.	
10.	Names of the ghats, specifying ward no., on river Churni within the municipal boundary.	 Chitanya Ghat (Ward - 1) Barabazar Ghat (ward - 2) Radharani Ghat (Ward - 4) Chhotobazar Ghat (Ward - 5) Anandamoyee Ghat (Ward - 1) Thanapara Ghat (Ward - 1) 	7) - 10)

PRIORITY - III

4. NAME OF THE RIVER: RIVER STRETCH: Towns/Urban agglomerates identified by WBPCB: <u>DWARKA</u> TARAPITH TO SADHAK BANDEV GHAT

NIL

PRIORITY - III

 NAME OF THE RIVER: RIVER STRETCH: Towns/Urban agglomerates identified by WBPCB:

GANGA TRIBENI TO DIAMOND HARBOUR

- A) BANSBERIA MUNICIPALITYB) KALYANI MUNICIPALITYC) NAIHATI MUNICIPALITY
- D) BARRACKPORE MUNICIPALITY
- E) KOLKATA MUNICIPAL CORPORATIONF) BUDGE BUDGE MUNICIPALITY
- G) ULUBERIA MUNICIPALITY

AS PROPOSED, THE DETAILED REPORT WOULD HAVE TO BE SUBMITTED BY WBPCB AND KMDA.

PRIORITY - IV

6. NAME OF THE RIVER: RIVER STRETCH: Towns/Urban agglomerates identified by WBPCB:

DAMODAR DURGACHAKM TO DISHERGARH

- A) ASANSOL MUNICIPAL CORPORATION
- B) DURGAPUR MUNICIPAL

CORPORATION

AS PROPOSED, THE DETAILED REPORT WOULD HAVE TO BE SUBMITTED BY WBPCB AND ADDA.

NAME OF THE RIVER:
 RIVER STRETCH:
 Towns/Urban agglomerates
 identified by WBPCB:

JALANGI LAL DIGHI TO KRISHNAGAR

KRISHNANAGAR MUNICIPALITY

Sl. No.	Basic information/Points of concern	Present position & future planning	Timeframe
1.	Population	153062	
2.	No. of wards	24	
3.	Municipal Solid Waste generated per da	y 125 MT to 130 MT (approx.)	
4.	Number and location of drains discharging untreated municipal waste of Krishnanagar Municipality into the rive Jalangi	Kumar paraghat lane Surkikal Ghat (LM Ghosh Street) Ahibhusan Halder Lane Amar bharati (Kalupara) Momin Park Talikhola Sashan Kali hari	
5.	Any existing plan for management (e.g. interception of drains and treatment) of municipal waste water	NMCG, New Delia in April 20	Mission Director,
	Functioning/Status of STPs (Sewerage Treatment Plant)/ETPs (Effluent Treatment Plant)/CETP (Common Effluent Treatment Plant), if any	At present there is no STP.	
6.	Amount of Municipal Solid Waste generated within the Municipal boundary and the practice of management (collection, segregation, treatment, disposal etc.) of such wastes. a) Waste generation per day b) Characterization of MSW (dry & wet waste percentage) c) Percentage of door to door Collection of Waste d) Mode of transportation of MSW e) Processing facilities if any	 a) 125 MT to 130 MT (approx.) b) Wet. 62.3% & Dry: 37.70% c) 85% d) Tri-cycle van, Tractor, Refuse container, Compactor e) An integrated SWM project with processing facility of Waste to Energy, i.e. Bio-Gas Plant 	An integrated SWM project was sanctioned in the 1st SHPC, under Swachh Bharat Mission (Urban). The project had been initiated with procurement of bins and other equipments & vehicles. Construction of processing facility of Waste to Energy, i.e. Bio-Gas Plant had been started and expected to be operative within October, 2019.
		is under construction.	Besides, UD&MA Dept. had provided 2 nos.

l. o.	Basic information/Points of concern	Present position & future planning	Timeframe
0.	f) Location of Disposal Ground/Sanitary Landfill if any g) Whether any DPR regarding SWM prepared and submitted	f) Godadanga (Municipal Waste Dumping Ground), Dr. Sachin Sen Road, Krishnanagar. It is situated at a distance of min. 6 Km (approx.) from Jalangi river. g) Yes; it was sanctioned in the 1st SHPC, on 5th January 2017. Construction of processing facility of Waste to Energy, i.e. Bio-Gas Plant is on progress.	14m³ movable compactor, 1 no. 10m³ hydraulic dumper truck and 2 nos. 2.2m³ small garbage hydraulic tipper, under Mission Nirmal Bangla (Urban) to strengthen the waste collection network in addition to existing facilities available within the municipality.
7.	Trade and sewage generated in the catchment area of polluted river stretch	Does not arise as such	
8.	Plantation on both sides of the polluted river	Yes; Municipal area side is fully planted but the other side of river Jalangi is under Panchayat.	
9.	Whether there is any proposal of setting up of any Parks beside the concern river stretch Setting up of biodiversity Parks on flood	Yes; A proposal was prepared and sanctioned by the State Mission Director, AMRUT.	
10.	plains by removing encroachments Names of the ghats, specifying ward no., on river Jalangi within the municipal boundary.	Mork is in progress. A) Peyadapara Ghat (Ward B) Bkshipara Ghat (Ward C) Daspara Ghat (Ward C) Surkikal Ghat (Ward C) Surkikal Ghat (Ward C) Kaler Ghat (Ward C) Tarun Sangha Ghat (Ward C) Halderpara Ghat (Ward C) Sankrapara Ghat (Ward C) Jagatbandhu Ghat (Ward C) BalirGhat (Ward C) Charaltala Ghat (Ward C) Kadamtala Ghat (Ward C) Kadamtala Ghat (Ward C) Kadamtala Ghat (Ward C) Sashan Kalibari Ghat (Ward C) Sashan Kalibari Ghat (Ward C) Shib Mandir Ghat (Sasti (Ward C))	1) 1) 1) rd - 1) - 1) - 1) - 1) d - 1) - 20) 21) - 21) - 22) hat) (Ward - 22) Vard - 24)

8. NAME OF THE RIVER:
RIVER STRETCH:
Towns/Urban agglomerates
identified by WBPCB:

KANSI MIDNAPUR TO RAMNAGAR

MIDNAPUR MUNICIPALITY

SI. No.	Basic information/Points of concern	Present position & future Planning	Timeframe	
1.	Population	169127 (as per Census 2011)		
2.	No. of wards	25		
3.	Municipal Solid Waste generated per da	ny 8.5 MT		
4.	Number and location of drains discharging untreated municipal waste Midnapur Municipality into the river Kansai	of Tantigeria Rly. Crossing to Gandighat, - Sedimentation tank will be installed near the final outlet towards Kansai River. Proposal will be prepared shortly.	Six months	
5.	Any existing plan for management (e.g. interception of drains and treatment) of municipal waste water Functioning/Status of STPs (Sewerage Treatment Plant)/ETPs (Effluent Treatment Plant)/CETP (Common Effluent Treatment Plant), if any	No such plants are available varea. But, a comprehensive plastres upon drains flowing tow Kansai, will be prepared shore Expected time of completion of the Project Report: July, 2019.	an for establishing vards the river tly.	
	Amount of Municipal Solid Waste		A project report	
6.	generated within the Municipal bound and the practice of management (collection, segregation, treatment, disposal etc.) of such wastes. a) Waste generation per day b) Characterization of MSW (dry & wet waste percentage) c) Percentage of door to door Collection of Waste d) Mode of transportation of MSW e) Processing facilities if any	a) 8.5 MT (approx.)	for an integrated Solid Waste Management project had been prepared and submitted by the MEDte. for which the administrative approval is yet pending. Besides, UD&MA Dept. had provided 2 nos. 14m³ movable compactor, 1 no. 10m³ hydraulic dumper truck and 2 nos. 2.2m³ small garbage hydraulic	
	f) Location of Disposal Ground/Sanitary Landfill if any	f) Own Municipal	tipper, under Mission Nirmal Bangla (Urban) to strengthen the waste collection network in	

Sl. No.	Basic information/Points of concern	Present position & future Planning	Timeframe
NO.	h) Whether any DPR regarding SWM prepared and submitted	h) Prepared and submitted by MEDte. on behalf of this ULB. Approval of the Project is awaited.	addition to existing facilities available within the municipality
7.	Trade and sewage generated in the catchment area of polluted river stretch	Trade waste collected and disposed off by municipal staff to municipal open trenching ground.	
8.	Plantation on both sides of the polluted river	Most of the river side has been planted and plantation being done at the time of "Bana Mohatsav" every year.	
9.	Whether there is any proposal of setting up of any Parks beside the concern river stretch Setting up of biodiversity Parks on flood plains by removing encroachments	Yes; One park near Gandhi Ghat, Ward No17, is in progress under AMRUT mission. Some existing bio-diversity parks, beside the river Kansai: 1. Amtala Ghat (Shradanjali Park) 2. DAV Ghat (Vidyasagar Park under maintenance of Forest Department)	
10.	Names of the ghats, specifying ward no., on river Kansai within the municipal boundary.	 Gandhi Ghat, Ward - 17 Amtala Ghat, Ward - 20 DAV Ghat, Ward - 23. 	

9. NAME OF THE RIVER:
RIVER STRETCH:
Towns/Urban agglomerates
identified by WBPCB:

MATHABHANGA MADHUPUR TO GOBINDAPUR

 \underline{NIL}

AS THE RIVER MATHABHANGA MAY BE TREATED AS THE UPSTREAM OF RIVER CHURNI, IT IS PROPOSED BY THE WBPCB THAT THE DETAILED REPORT WOULD BE SIMILAR TO THAT OF THE RIVER CHURNI.

STATUS REPORT AND PROBABILISTIC ACTION PLAN FOR THE IDENTIFIED URBAN LOCAL BODIES (ULBs) FOR THE 8 POLLUTED RIVER STRETCHES, VIZ. 1. DWARAKAESWAR, 2. BARAKAR, 3. KALJANI, 4. KAROLA, 5. TEESTA, 6. MAYURAKSHI, 7. RUPNARAYAN AND 8. SILABATI, IN CONNECTION WITH THE ORDER OF NGT O.A. 673/2017 AND O.A.

PRIORITY - V

1. NAME OF THE RIVER:

RIVER STRETCH:

Towns/Urban agglomerates

identified by WBPCB:

BARAKAR

KULTITO ASANSOL

ASANSOL MUNICIPAL CORPORATION

AS PROPOSED, THE DETAILED REPORT WOULD HAVE TO BE SUBMITTED BY WBPCB AND ADDA.

PRIORITY - V

2. NAME OF THE RIVER:

RIVER STRETCH:

Towns/Urban agglomerates

identified by WBPCB:

DWAR! KESWAR BANKURA TO KUSTIA

BANKURA MUNICIPALITY

SI. No.	Basic information/Points of concern	Present position & future planning	Timeframe
1.	Population	137386	
2.	No. of wards	24	
3.	Municipal Solid Waste generated per day	€5 MT	
4.	Number and location of drains discharging untreated municipal waste of Bankura Municipality into the river Dwarakeshwar and Gandeshwari	Drains discharging into the Dwarakeshwar Lolopur Ghat, Ward - 13 Raja gram, Ward - 14 Raja gram, Ward - 14 Raja gram, Ward - 16 Patpur Power House, Ward - 16 Patpur Power House, Ward - 17 Patpur Napopara, Ward - 17 Rethardanga Patakola, Ward - 18 Rethardanga Bagdipara, Ward - 19 Rethardanga Chaitkali Gl Drains discharging into the 11. Near Palashtola Mahasas Near Satighat, Ward - 8 Reposite Lakhatora, Ward - 19 Patpur Satighat, Ward - 19 Rethardanga Chaitkali Gl Drains discharging into the 11. Near Palashtola Mahasas Rethardanga Chaitkali Gl Drains discharging into the 11. Near Palashtola Mahasas Rethardanga Chaitkali Gl Drains discharging into the 11. Near Satighat, Ward - 8 Rethardanga Chaitkali Gl Drains discharging into the 11. Near Satighat, Ward - 8 Raja gram, Ward - 14 Raja gram, Ward - 14 Raja gram, Ward - 16 Raja gram, Ward - 17 Raja gram, Ward - 17 Raja gram, Ward - 17	rd – 17 7 - 17 ard – 19 Ward – 19 hat, Ward – 23 river Gandeshwar an, Ward – 9 rd – 7 urga Mondap, W ar

SI.	Bas	ic information/Points of concern	Present position & future planning	Timeframe
5.	interce munic Functi Treatn Treatn	existing plan for management (e.g. eption of drains and treatment) of ipal waste water oning/Status of STPs (Seweragement Plant)/ETPs (Effluent nent Plant)/CETP (Common nt Treatment Plant), if any	No such plants are available warea. But, a comprehensive plastTPs upon drains flowing tow Dwarakeshwar and Gandesh prepared shortly. Expected time of completion of the Project Report: July, 2019. Detailed report may be available Engineering Directorate, Governments.	nn for establishing ards the rivers wari, will be of the preparation of the from Municipal
	genera and th (collect dispose a) b) c) d)	nt of Municipal Solid Waste ated within the Municipal boundary e practice of management tion, segregation, treatment, all etc.) of such wastes. Waste generation per day Characterization of MSW (dry & wet waste percentage) Percentage of door to door Collection of Waste Mode of transportation of MSW Processing facilities if any Location of Disposal Ground/Sanitary Landfill if any Whether any DPR regarding SWM prepared and submitted	a) 65 MT b) Mixed c) 70% d) Tractor, Trailor, Truck, Compactors e) Municipality is exploring the facilities. d) Keshra Dumping Ground, situated 7 Km away from Municipal Office. g) Yes; An Integrated SWM DPR was prepared and sanctioned in 2nd SHPC on 28th March 2018.	A DPR for Integrated Solid Waste Management was prepared and sanctioned in 2nd SHPC on 28th March 2018. The construction of processing facility will commence shortly. The project will be implemented within 2 years from initialisation of the project. Besides, UD&MA Dept. had provided 2 nos. 14m³ movable compactor, 1 no. 10m³ hydraulic dumper truck and 2 no. 2.2m³ small garbage hydraulic tipper, under Mission Nirmal Bangla (Urban) to strengthen the waste collection network in addition to existing facilities available within the municipality.

SI. No.	Basic information/Points of concern	Param position & future	Timeframe
8.	Plantation on both sides of the poliuted river	Require: A plan or clintation near nvn Ds arakeshwar & Gandeshvari will be made.	May' 2019 (tentative)
9.	Whether there is any proposal of setting up of any Parks beside the concern river stretch Setting up of biodiversity Parks on flood plains by removing encroachments	110	
10.	Names of the ghats, specifying ward no., on river Gandeshwari and Dwarakeshwar within the municipal boundary.	Ghan heside the river Gan Sanghat (Ward - 7 & 8) The a spara Pump House Main and Pump House g Sangram Simuldangagh Manapur Sanghat (Ward - 1 Manapur Sasan ghat (W 9 Farpur Namopara ghat 10 Ket madanga Bagdipara 12 Ket madanga Patakolag 13 Kethardanga Chaitkalig	e ghat (Ward - 8) - 9) varakeshwar that (Ward - 14) at (Ward - 14) (3) lat (Ward - 13) lard - 17) (Ward - 17) at (Ward - 17) aghat (Ward - 19) that (Ward - 19)

3. NAME OF THE RIVER: RIVER STRETCH: Towns/Urban agglomerates identified by WBPCB: RALIATI BITALA TO ALIPURDUAR

ALIPURLUJAR MUNICIPALITY

Sl.	Basic information/Points of concern	Present position & future Planning	Timeframe
No. 1.	Population	65232 as per Census 2011)	
2.	No. of wards Municipal Solid Waste generated per day	20 8 MT to 10 MT (approx.)	luis cata
4.	Number and location of drains discharging untreated municipal waste of Alipuduar Municipality into the river Kaljani	All the lo lowing points are venero water flows in a reverse the river towards the city: 1. Are bindanagar, Ward No. 2. Near Crematorium, Ward No. 3. Near Dima Eridge, Ward 4. Hat theolony, Ward No. 5. Becampalli, Ward No. 6. Near Crematorium, Ward No. 7. Litarpara, Ward No.—10. 8. Near Asutosh Club, Ward	e direction, i.e., from 001 1 No01 No. 01 & 08 border 08 9 1 No10

SI. No.	Ва	sic information/Points of concern	Pı	resent position & future Planning	Timeframe
			9. 10. 11. 12.	Near BM Club, Ward No	No 11 ge, Ward No 12 18
5.	inter mun Func Trea Trea	existing plan for management (e.g., ception of drains and treatment) of icipal waste water stioning/Status of STPs (Sewerage tment Plant)/ETPs (Effluent tment Plant)/CETP (Common tent Treatment Plant), if any	Kal Exp the Proj	such plants are available wan. But, a comprehensive plants upon drains flowing tow jard, will be prepared shorected time of completion of Project Report: July, 2019. Sect may be completed with the citioning of the project, plementing agency; either	an for establishing ards the river tly. If the preparation of the two years from
6.	gene bour mana treat a) b) c) d)	rated within the Municipal adary and the practice of agement (collection, segregation, ment, disposal etc.) of such wastes. Waste generation per day Characterization of MSW (dry & wet waste percentage) Percentage of door to door Collection of Waste Mode of transportation of MSW	a) b) c)	8 MT (approx.) No segregation practice done 83% By motor vehicles (e.g., tractor – trailer, truck etc.) Municipality is exploring the facilities.	UD&MA Dept. had provided 100nos. 240lits. Community bins, 1 no. 14m³ movable compactor, 1 no. 10m³ hydraulic dumper truck and 1 no. 2.2m³ small garbage hydraulic tipper, under Mission Nirmal Bangla (Urban) to strengthen the waste collection
	f)	Location of Disposal Ground/Sanitary Landfill in any Whether any DPR regarding SWM	() g)	No dumping ground in accordance with solid waste management scheme is available under this municipality. The matter is under process, wastes are disposed off by land filling and turning as far as practicable. Prepared and submitted	network in addition to existing facilities available within the municipality. Land for setting up of a scientific SWM project had been identified. DPR will be prepared after finalisation of the land within 3
	g)	prepared and submitted	5)	by MEDte. on behalf of this 'JLB.	months from the date of availability of the land.

SI. No.	Basic information/Points of concern	Present position & future Planning	Timeframe
			Project will be implemented by 3years after sanctioning and approval of the project.
7.	Trade and sewage generated in the catchment area of polluted river stretch	No trade & sewage generated within the numicipal area is polluting the identified stretch of river Kaljani, as mentioned	
8.	Plantation on both sides of the poliuted river	Flanta ic 1 on both side of their Baljani covering ward no. 8, 9 and 10, had been done.	
9.	Whether there is any proposal of setting up of any Parks beside the concern river stretch	Yes, St Mailted under Mational Lake Conservation Plan to McEF during 2013, but not yet approved.	
	Setting up of biodiversity Parks or flood plains by removing encroachments	No Parks are situated on Flood plains. Parks are situated in town area.	
10.	Names of the ghats, specifying ward no., on river Kaljani within the municipal boundary.	 Uttarpara, Ward No 10, Subhashpalli, Ward No 3. Bekribari, Ward No 18. 	15,

4. NAME OF THE RIVER:

RIVER STRETCH:

Towns/Urban agglomerates

identified by WBPCB:

KAROLA

JALPAIGUELTO THAKURER KAMAT

JALPAIGUEI MUNICIPALITY

Sl. No.	Basic information/Points of concern	Present position & future Planning	Timeframe
1.	Population	107343 (as per Census 2011)	
2.	No. of wards	35	
3.	Municipal Solid Waste generated per day	48.24 MT (approx.)	
4.	Number and location of drains discharging untreated municipal waste of Jalpaiguri Municipality into the river	1) Behind AC College (W/21) - 2nos	

Sl. No.	Basic information/Points of concern	Present position & future Planning	Timeframe
	Basic information/Points of concern Karala	Planning Maskalaibari Crematori North of NSBT (W/25) Cn Gosala Road (W/25) Cpposite to Gosala Road Behind NBSTC Bus Terr Beside the RCC bridge of Stadium (W/25) Shantip Beside Basic Training In Shantipara Near Beguntary More(W/11) Behind Hospital (W/4) Shantipara Dhardhara River(W/3) Cpposite to Ususi Lodge Beside Kala Bhawan(W/5) Near Karala Girls School Beside the ghat on River (Cirls School (W/8) Sangrahasala	-3nos I(W/01) - 2 nos ninus (W/25) n Karala near para stitute (W/25) I/4) Dinbazar Samaj Para e(W/5) I/3) I(W/8) Karala near Karala I/3) behind Netaji
		 3) Beside RCC bridge on ri Teesta Uddyan (W/8) Be kalimandir 5) Southern end of the tow 	ehind mahamaya
	Functioning/Status of STPs (Sewerage Treatment Plant)/ETPs (Effluent Treatment Plant)/CETP (Common Effluent Treatment Plant), if any	No such plants are available varies. But, a comprehensive plan for upon drains flowing towards be prepared by MEDte, shortl Expected time of completion of the Project Report: July, 2019, the project will require 3 years senctioning.	establishing STPs the river Karala, wil y. of the preparation of Implementation of
6.	Amount of Municipal Solid Waste generated within the Municipal boundary and the practice of management (collection, segregation, treatment, disposal etc.) of such wastes		An integrated SWM project was sanctioned in the
	a) Waste generation per day b) Characterization of MSW (dry &c.)	a) 48.24 MT (approx.) b) 60% dry and 40% wet	1st SHPC, under Swachh Bharat Mission (Urban). The project had been initiated with
	a) Waste generation per day	Mary Services St. Services V	Swachh Bharat Mission (Urban). The project had

51.	Ва	sic information/Points of concern	Present position & future Pranning	Timeframe
0.	e)	Processing facilities if any	 e) Variatipality is exploring the fact tiles. 	Gas Plant had been started and expected to be
A ₁ , t.	f)	Location of Disposal Ground/Sanitary Landfill if any	5 Balapara Dumping Granul	operative within by three years. Executing agency: ULB and MEDte.
	g)	Whether any DFR regarding SWM. prepared and submitted	g) Yer, it was sanctioned in the 1st SHPC, on 5th lanuary 2017. The SWM project with processing facility of Waste to Energy, i.e. Bio-Gas Plant is under construction.	Besides, UD&MA Dept. had provided 2nos. 14m³ mobile compactors, 1 no. 10m³ hydraulic dumper truck and 2 nos. 2.2m³ small garbage hydraulic tipper, under Mission Nirmal Bangla (Urban) to strengthen the waste collection network in addition to existing facilities available within the municipality.
7.	Trac	de and sewage generated in the hment area of polluted river stretch	No trade & sewage generated within the municipal area is polluting the identified stretch of river Karala, as mentioned	
8.	Plar	ntation on both sides of the polluted	Plantagen and peautification work is being done in ward this 21, 25, 07, 04, 02, 03, 05, (8, 09.	November, 2019
9.	up o	ether there is any proposal of setting of any Parks beside the concern river etch ting up of biodiversity Parks on floodins by removing encroachments	Throughout both the side of river hands, park and leantification work is being done in ward ross 22, 25, 01, 04, 02, 03, 05, 08, 09, 70% work is already completed.	November, 2019
10.	on	mes of the ghats, specifying ward no., river Karala within the municipal undary.	M. skalaibari Ghat(w Miswas Pally Ghat(W Miswas Colony Ghat(Metaji Para Ghat (W/ Miswasar Ghat(W/04	/22) w/22) (25)

Sl. No.	Basic information/Points of contern	Present position & future Planning	Timeframe
		 6) Samajpara Gnat (W/05) 7) Dhobighat Babupara (W 8) EABupara ghat (W/08) 9) Eabupara Subhassetu C 10) Kingsaheb Ghat (W/08) 	7/05) Shat(W/08)

5. NAME OF THE RIVER:
RIVER STRETCH:
Towns/Urban agglomerates
identified by WBPCB:

MAYURAKSHI SURI TO DURGAPUR

SURI MUNICIPALITY

SI. No.	Basic information/Points of concern	Present position & future planning	Timeframe
1.	Population	67864 (as per Census: 2011)	
		77000+ (current population) (a)	pprox.)
2.	No. of wards	19	
3.	Municipal Solid Waste generated per day	3.) MT (approx.)	
4.	Number and location of drains discharging untreated municipal in 18te of Suri Municipality into the river Mayuraksi.	No such drains are directly discharging into the main stem of river Mayurakshi. The main drain within the municipal area is discharging its flow in open land/water body in nearby Fanchayet area, which is approx. 4 km a way from the river Mayurakshi.	
5.	Any existing plan for management (2.3) interception of drains and treatment of municipal waste water Functioning/Status of STPs (Sewerage Treatment Plant)/ETPs (Eifluent Treatment Plant)/CETP (Common Effluent Treatment Plant), if any	No such p ants are available warea. But, a comprehensive pla SIPs upon drains flowing tow Mayurakshi, from nearby Pan prepared shortly. Expected time of completion for Project Report: July, 2019. Project may be implemented by the data of sanctioning.	in for establishing ards the river chayet area, will be or preparation of the
6.	Amount of Municipal Solid Waster generated within the Municipal boundary and the practice of management (collection, segregation, treatment, disposal etc.) of such wastes. a) Waste generation per day	a) 30 MT (approx.)	UD&MA Dept. had provided 1 no. 14m³ movable compactor, 1 no. 10m³ hydraulic dumper truck and 1 no. 2.2m³ small garbage hydraulic
	b) Characterization of MSW (cress- wet waste percentage)	iii Mixed	tipper, under

S1.	Basic information/Foints of concern	Present tosition &: future	Timeframe
Vo.	c) Percentage of door to door	c) 19(3)	Mission Nirmal Bangla (Urban) to strengthen the
	Collection of Waste d) Mode of transportation of MSW	off Mande in and Tractor	waste collection network in
	e) Processing facilities if any	At White spelity is exploring the facilities	addition to existing facilities available within
	f) Location of Disposal Ground/Sanitary Landfill if any	Skin shay from river bee!	the municipality.
	g) Whether any DFR regarding SWM prepared and submitted	of Application management of Applicational Solid Waste will be repaired within some or other identification of the disposal ground. Freject will be implemented by 3 years there selection and approval of the same.	
7.	Trade and sewage generated in the catchment area of polluted river stretch	The pollates stretch of river Mayne deshi does not fall under this punicipal jurisdiction	
8.	Plantation on both sides of the polluted river	Either side of river Mayneakshi do not fall within is jurish ction.	
9.	Whether there is any proposal of setting up of any Parks beside the concernation stretch Setting up of biodiversity Parks on flood plains by removing encroachments		
10.	Names of the ghats, specifying ward no, on river Mayurakshi within the municipal boundary.	Encs not arise.	

6. NAME OF THE RIVER:
RIVER STRETCH:
Towns/Urban agglomerates
identified by WBPCB:

RUPNARAYAN ROLAGHAT TO BENAPUR

TAMRALIPTA MUNICIPALITY

Sl. No.	Basic information/Points of content	Present position & future Planning	Timeframe	
1.	Population	(5312 (as per Census 2011) 78522 (approx. current popula	tion as of 2018)	
2.	No. of wards	.()		
3.	Municipal Solid Waste generated per day	12 MT to 24 MT (approx)		
4.	Number and location of drains discharging untreated municipal waste of Tamralipta Municipality into the reser Rupnarayan	The three natural drainage out Tamralipta town namely: 1. Sankarara Khal; Ward 17, 7, 11, 10, 9, 8 2. Narayanpur Khal; Ward 3. Pairatunga Khal; Ward 4. Ward No.: 1, 2, 3, 8, 7, canal/sub-urban part	No.: 14,, 18, 15, 13, rd No.: 19 d No.: 1, 5, 6, 2, 4, 10 9 (adjacent	
5.	Any existing plan for management leagn interception of drains and treatment of municipal waste water	*		
	Functioning/Status of STPs (Seweringe Treatment Plant)/ETPs (Effluent Treatment Plant)/CETP (Common Effluent Treatment Plant), if any	Slo such plants are available within this Municipalatea. But, a comprehensive plan for establishing STPs upon drains flowing towards the river Rupnarayan, will be prepared by MEDte, shortly. Expected time of completion of the preparation of the Project Report: July, 2019.		
6.	Amount of Municipal Solid Waster generated within the Municipal boundary and the practice of management (collection, segregation treatment, disposal etc.) of such wastes. a) Waster generation per Gay b) Characterization of MSW (cry to wet waste percentage) c) Percentage of door to door Collection of Waster	 20-22 MT (approx.) 100% door to door collection is done. No segregation is practiced. 80% 	UD&MA Dept. had provided 1 no. 10m³ hydraulic dumper truck and 1 no. 2.2m³ small garbage hydraulic tipper, under Mission Nirmal Bangla (Urban) to strengthen the waste collection	
	d) Mode of transportation of MEAN	Ey motor vehicles (e.g., Lactor - trailer, truck etc.)	network in addition to existing facilities	
	4	e Municipality is exploring	available within	

Sl. No.	Ba	sic information/Points of concern	Present position & future	Timeframe
	f) g)	Location of Disposal Ground/Sanitary Landfill if any Whether any DFR regarding SWM prepared and submitted	Disposal ground is located at Ward No. 18. Prepared and submitted by MUDie, on behalf of the U.S.	up of a scientific SWM project had been identified. DPR will be prepared after finalisation of the land within 3 months from the date of availability of the land.
7.	Trad catch	e and sewage generated in the nment area of polluted river stretch	No trade & sewage governte britten the manic of area is polluting the four field stretch of river Rupharayan, as mentioned	
8.	Plant	tation on both sides of the polluted	Plantage on both side of river Explantayar, had been con.	
9.	up o strete	ther there is any proposal of setting f any Parks beside the concern river ch ng up of biodiversity Parks on flood as by removing encroacliments	Yes, A poposit for constructing into sement parkets a sort was sent to the Days Intent for sanctically under ADP (2)19.5%	
10.	on ri	nes of the ghats, specifying ward no., iver Rupnarayan within the nicipal boundary.	Farry Shat, Ward No 14	

7. NAME OF THE RIVER: RIVER STRETCH:

Towns/Urban agglomerates

identified by WBPCB:

SHILABATI

GHATAL TO NISCHINDIPUR

GHATAL MUNICIPALITY

SI. No.	Basic information/Points of concern	Present position & future Planning	Timeframe			
1.	Population	54591 (as per Census 2011)				
2.	No. of wards	17				
3.	Municipal Solid Waste generated per day	24 MTPD (approx.)				
4.	Number and location of drains discharging untreated municipal waste of Ghatal Municipality into the river Shilabati	No drain outlets are discharging Shilabati.	ng into the river			
5.	Any existing plan for management (e.g. interception of drains and treatments of municipal waste water	-				
	Functioning/Status of STPs (Sewer 152) Treatment Plant)/ETPs (Effluent Treatment Plant)/CETP (Common Effluent Treatment Plant), if any	No such plants are available within this Municiparea. But, a comprehensive plan for establishing STPs may be prepared by MEDte, shortly. Expected time of completion of preparation of the Project Report: July, 2019. Implementation of the project will require 3 years from the date of sanctioning.				
6.	Amount of Municipal Solid Waster generated within the Municipal boundary and the practice of management (collection, segregation, treatment, disposal etc.) of such wastes. a) Waste generation per day b) Characterization of MSW (or de- wet waste percentage) c) Percentage of door to door Collection of Waste	a) 24 MT (approx.) b) 15% dry and 85% wet waste percentage.	UD&MA Dept. had provided 1no 14m³ mobile compactors, 1 no. 10m³ hydraulic dumper truck and 1 no. 2.2m³ small garbage hydraulic tipper, under Mission Nirmal Bangla (Urban) to strengthen the			
	d) Mode of transportation of MEAA	d) Through tractors, auto- tippens, compactors, tricycle van etc.	waste collection network in addition to existing facilities available within			
	e) Processing facilities if any	Municipality is exploring the facilities.	the municipality.			
	f) Location of Disposal Ground/Sanitary Landfill if any	Municipal Dumping Ground - Argora, Ward No.: 2, Ghatal Municipality.				

SI. No.	Basic information/Points of concern	Planning				
	g) Whether any DPR regarding SWM prepared and submitted.	g) Yes; not yet sanctioned. Project will be in plemented by min. 3 years after sanctioning.				
7.	Trade and sewage generated in the catchment area of polluted river stretch	No trade & sewage generated within the municipal area is polluting the ident fied stretch of river Shilabati, as mentioned				
8.	Plantation on both sides of the polluted river	Plantation, beside the river Shilabati, is being done as per requirement.				
9.	Whether there is any proposal of setting up of any Parks beside the concern river stretch Setting up of biodiversity Parks on flood plains by removing encroachments	2 nos, Parks are under progress in Green City Mission.	October, 2019			
10.	Names of the ghats, specifying ward no., on river Shilabati within the municipal boundary.	East Side of Shilabati River Born Banglo Ghat, Ward no. Harh Ghat, Ward no. Furatan Regd. Office Co. Fost Office Chak Ghat, Vidyasagar School Ghat, Vidyasagar School Ghat, Ward Kushpata Shitala Mono	- 13 14 Shat, Ward no 15 Ward no 15 at, Ward no 16 d no 16			
		Mesteide of Shilabati River B. 1) Donga Ghat, Ward no. 2) Bakultala Ghat, Ward r 3) Ganga Das Ghat, Ward 4) Pesta Ghat, Ward no. 4) Bhasa pul Ghat, Ward r	- 12 no 11 no 4			

8. NAME OF THE RIVER:

TELSTA

RIVER STRETCH:

SILIGURI TO PAHARPUR

Towns/Urban agglomerates

identified by WBPCB:

AS PROPOSED, THE DETAILED REPORT WOULD TO BE SUBMITTED BY WBPCB.

GOVERNMENT OF WEST BENGAL OFFICE OF THE CHIEF ENGINEER

Municipal Engineering Directorate

Bikash Bhawan, South Block (1st Floor) Salt Lake, Kolkata – 700091.

Phone No: (033)2337-1331/(033)2358-3347Fax: (033) 2337-5474

E-mail: ce_medte@yahoo.com

No. ME/ 1742 105-15 1996 84-1X Dated 04/01/19

From: The Chief Engineer,

Municipal Engineering Directorate.

To:

The Director, SUDA,

ILGUS BHAWAN, H. C. Block,

Salt Lake, Kolkata.

Jack Jack

Sub: -

Meeting on 08.01.2019 on RFP document floated for empanelment of

transaction advisors under Solid Waste Management Project.

Ref: -

Your memo no. SUDA-227/2018/1617 dt. 31.12.2018.

Madam,

Inviting reference above I would like to refer letter no. 02/MA/N/Estt(MED)/2E-11/2017 dt. 02.01.2019 and with respect to if the concerned officer, assigned for this type of work, should be informed to attend the meeting as desired.

This is for your kind information and taking further necessary action please.

Yours faithfully,

Chief Engineer, M. E. Dte.

No. ME/

Dated

Copy forwarded for information and taking necessary action to;-

1. The Additional Chief Engineer, South, M. E. Dte. with the copy of the documents sent from SUDA.

Chief Engineer, M. E. Dte.



রাজ্য নগর উন্নয়ন সংস্থা STATE URBAN DEVELOPMENT AGENCY



"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিম্বস

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

क्रमिक नः SUDA-217/2015/1836

30th Documber 2015

Fram:

Director, SUDA

Tar

M/s. HYVA (India) Pvt. Ltd.. Plot - EL-215, MIDC, Mahaoe. Navi Mumbai,PIN-400710

ACCEPTANCE CUM WORK ORDER

Sub: Letter of acceptance cum Work Order for Supply of 22 Nos. 10.5 cum Stationery/Portable Compactors and 18 aos. Prime movers to different ULBs of 24 prgs. (Ni, 24 prgs (S), Hooghly, Howrah, Burdwan and Dariceling Districts and operation and maintenance of those Compactors and Prime Movers for J years

Ref: 1. e-Tender No. WBMAD/SUDA/DIR/NIT-3(e)/R/2015-16 (2nd call) and Circulation Memo No. SUDA-217/2015/1530 dt. 06.11.2015 and addendums thereto

Your Technical and Financial bid submission No. HYV/KOL/15/83 dt. 27.11.2015

Sirs

With reference to the above subject and the e-tender bids submitted, this is to inform you that your quotation for the above supply has been accepted by the undersigned for procurement of 22 Nos. 10.5 cum Stationery/Portable Compactors and 18 nos. prime movers and O & M for 3 years for both stationary compactors and hook loaders. The undersigned is pleased to place order for manufacture and supply of the aforesaid compactors containers and prime movers chassis mounted bookloaders for Zonc- I. II and III as per enclosed statement at your offered costs mentioned against each item of work inclusive of all taxes & duties, freight, final registration, comprehensive insurance, trial run & training.

You are hereby requested to please execute a formal agreement with the undersigned within (ifteen (15) days from the date of issue of this letter of Acceptance cum Work Order in triplicate. You are also requested to submit the balance Earnest Money as per the terms and condition mentioned in the tender format to this office within fifteen (15) days failing which this Work Order will be treated as cancelled. The date of commencement of supply will be reckoned from the date of receipt of this letter and supply shall be completed within stipulated timeframe as mentioned in the e-NIT.

The work will have to be executed as per scope of work and terms and conditions in the NIT and as stipulated below:

- 1. You have to deliver the Compactors to the garage of the respective Municipalities as per list mentioned in the e-tender.
- 2. You have to carry out the entire work as per scope of work and terms and conditions mentioned in the e-tender.
- 3. You have to complete the work preferably within 60 days but not beyond 120 days.
- 4. You are requested to treat this as our firm order and execute the same as mentioned above and in accordance with the detailed scope of work, specification and terms of e-tender.
- You have to submit invoices for payment to the respective Municipalities and payments will be made there from
- 6. Statutory deductions from the bill will be made as per rules.
- No Service Tax will be provided by the ULBs
- 8. There shall be no provision of Arbitration.
- Payment terms: as per commercial terms and conditions of c-tender.
- 10. Delay fine: 0.3% Penalty for delay beyond contract delivery period will be charged on pro-rate basis for the number of days of delay on undelivered quantity.

Yours faithfully.

State Urban Development Agency (SUDA)

Account Section: 2358 6408

Statement of Accepted costs of supply of 22 nos. of Stationary / Potable Compactors and 18 nos. of Prime Mover Chassis Mounted Hook Loader

(Enclosure of Letter of Acceptance cum Work Order to M/S HYVA (India) Pvt. Ltd., Plot - EL-215, MIDC, Mahape, Navi Mumbai, PIN-400710 - No. SUDA-217/2015/1836 dated 30.12,2015)

ZONE-L

SI	ltems	Nos.	Unit price (Rs.)	Total Amount (Rs.)
L	a. Supply, delivery at site 14 nos. 16.5 cum Stationery/Portable Compactor Container for the Urban Local Bodies of North 24 Parganas, South 24 Parganas, Hooghly and Howrah Districts including successful training, commissioning and trial run.	14	15.39.590	215.54.260
2	Decration and maintenance of the Compactors as stated against sl. No. 1. a. for a period of three years.	14	16.44_384	230,21,376
3	a. Supply, delivery at site 13 nos. Prime Mover chassis mounted hook loader capable of lifting portable compactor of capacity 10.5 cum. for the Urban Local Bodies of North 24 Parganas, South 24 Parganas. Houghly and Howrah Districts including successful training, commissioning and trial run.	13	32,22,563	418.93.319
4	 Operation and Maintenance of the Prime Movers as stated against sl. No. 3. a. for a period of three years. 	13	18,68,369	242.88.797
	TOTAL AMOUNT OF ZONE-I			11,07,57,752

(RUPEES ELEVEN CRORE SEVEN LAKH FIFTY-SEVEN THOUSAND SEVEN HUNDRED FIFTY TWO ONLY)

ZONE-II

SI	Items .	Nos.	Unit price (Rs.)	Total Amount (Rs.)
- Common	a. Supply, delivery at site 5 nos. 10.5 cum Stationery/Portable Compactor Container for the Urban Local Bodies of Burdwan District including successful training, commissioning and trial run.	5	15,36,217	76,81,085
2	b. Operation and maintenance of the Compactors as stated against sl. No. 1, a, for a period of three years.	5	18,44,595	92,22,975
3	a. Supply, delivery at site 3 nos. Prime Mover chassis mounted hook loader capable of lifting portable compactor of capacity 10.5 cum. for the Urban Local Bodies of Burdwan District including successful training, commissioning and trial run.	3	32,04,162	96,12,486
4	b. Operation and Maintenance of the Prime Movers as stated against sl. No. 3, a. for a period of three years.	3	26.97,849	80,93,547
	TOTAL AMOUNT OF ZONE-II			3,46,10,093

(RUPEES THREE CRORE FOURTRY-SIX LAKH TEN THOUSAND NINTY-THREE ONLY)

Director

State Urban Development Agency

Statement showing no. of Stationary Compactors and Hook Loader to be supplied ULB-wise

(Enclosure of Letter of Acceptance cum Work Order to M/S HYVA (India) Pvt. Ltd., Plot - EL-215, MIDC, Mahape, Navi Mumbai, PIN-400710 - No. SUDA-217/2015/1836 dated 30.12.2015)

ANNEXURE 1 List of ULBs covered under Zone-wise and District-wise

Sl. No.	Zone	Districts Covered	ULBs Covered	No. of Stationary Compactor	No. of Hool Loader
1			Baranagar	1	1
2			Barasat	1	1
3			Bhatpara	1	1
4			Bidhannagar MC	2	1
5		North 24 Parganas	Kamarhati	1	1
6		raiganas	Naihati	1	1
7	1	and the second s	North Dum Dum	1	1
8	1 '		Panihati	1	1
9			South Dum Dum	1	1
10		South 24	Maheshtala	1	1
11		Parganas	Rajpur Sonarpur	1	1
12		Hooghly	Chandannagore MC	1	l
13		Howrah	Uluberia	1	1
-		Total		14	13
14			Asansol MC	2	1
15	11	Burdwan	Durgapur MC	2	1
16	1000		Burdwan	1	1
		Total		5	3
17	***	Deviselies	Siliguri MC	2	. 1
18	III	Darjeeling	Darjeeling	1	1
	Te	otal		3	2

Director

State Urban Development Agency

Physical & Chemical Characteristics of MSW of Baranagar Municipality

DETAILS OF SOLID WASTE SAMPLE [Format No.: SRL / FM / 62]

Customer Name & Address

C

M/s. Concern for better living

BE 420, Sector I, Salt Lake,

Sampling Location/Mark

Kolkata - 700 064. : Baranagar Dumping Ground at Mathkal

Sample Identification No.

MISC. SOLID WASTE-237-2015

Sampling Method/Sample Collected By :

Not Submitted I M/s. Concern for better living

Environmental Condition

Not Submitted Sampling Date

Not Submitted

Sample Receiving/Analysis Starting On : 05.11.2015

Analysis Completed On : 04.12.2015

TEST REPORT OF SOLID WASTE SAMPLE [SRL/ CFBL / MISC. SOLID WASTE-237-2015 Dated: 04.12.2015]

SI.	Parameters	Results
No.	-	MISC. SOLID WASTE-237-2015
A Ph		
1.	Garbage (Organic) ,%	39.18
2.	Ash / Earth (Inorganic), %	36.7
B. Re		
1.	Paper / Cardboard, %	4.06
2.	Plastic / PVC / HDPE, %	5.76
3.	Rapper / Cotton / Textile, %	0.18
4.	Rubber, %	0.05
5.	Leather, %	*
6.	Wood, %	3.26
7.	Earthenware, %	0.08
8.	Ceramics, %	1.22
9.	Glass, %	1.02
10.	Hay / Straw / Thermocol , %	0.04
11.	Leaves, %	4.07
12.	Metals, %	0.02
13.	Others, %	4.37
B. C	hemical	
1.	Moisture Content, %	38.7
2.	Total Nitrogen (as N), mg/kg	5353
3.	Total Phosphorus (as P), mg/kg	3433
4.	Total Organic Carbon, %	7.16
5.	Calorific Value, Cal/g	982

For Scientific Research Laboratory

Tripti Ghosh (Senior Chemist)

Physical & Chemical Characteristics of MSW of Panihati Municipality



SCIENTIFIC RESEARCH LABORATORY

(Analytical & Environmental Engineering Laboratory)

Laboratory Recognised By West Bengal Pollution Control Board An ISO 9001: 2008 & OHSAS 18001: 2007 Certified

99, Lake East (4th Road) Santoshpur, Jadavpur, Kolkata - 700 075 Tele Fax: (033) 2416 2267, Tel.: (033) 2416 1311, E-mail: jyotimoysri@gmail.com Website: www.scientificlab.org

DETAILS OF SOLID WASTE SAMPLE [Format No. : SRL / FM / 62]

Customer Name & Address

M/s. Concern for better living

BE 420, Sector I, Salt Lake, Kolkata - 700 064.

Sampling Location/Mark

Panihali Dumping Ground

Sample Identification No.

MISC. SOLID WASTE-190-2016

Sampling Method/Sample Collected By Environmental Condition

Not Submitted I M/s. Concern for better living Not Submitted Sampling Date

15.03.2016

Sample Receiving/Analysis Starting On

: Not Submitted : 15.03.2016

Analysis Completed On 26.04.2016

TEST REPORT OF SOLID WASTE SAMPLE [SRL/ CFBL / MISC. SOLID WASTE-190-2018 Dated: 26.04.2016]

SI.	Parameters	Results		
No.		MISC. SOLID WASTE-190-20		
A.P	hysical			
1.	Garbage (Organic) ,%	34.90		
2.	Ash / Earth (Inorganic), %	9.81		
8. R	est			
1.	Paper / Cardboard, %	6.13		
2.	Plastic / PVC / HDPE, %	21,13		
3,	Fapper / Cotton / Textile, %	11.32		
4:	Rubber, %			
5.	Leather, %			
6.	Wood, %			
7.	Eartheriware, %	*		
8.	Ceramics, %			
9.	Glass, %			
10.	Hay / Straw / Thermocol , %	0.28		
11.	Leaves, %	2.16		
12.	Metals, %			
13.	Others, %	13.58		
_	hemica[
1.	Moisture Content, %	15.75		
2	Total Nitrogen (as N), mg/kg	7517.7		
3.	Total Phosphorus (as P), mg/kg	4163.2		
4.	Total Organic Carbon, %	6.34		
5	Calorific Value, Cal/g	928		

for Scientific Research Laboratory

Tripti Ghosh (Senior Chemist)

1 of 1

The test report shall not be reproduced, except in full, without written approval of the company.

Results relate only to the parameters tested.

[.] No Repeat Analysis will be entertained after 15 days from the date of sampling.

Physical & Chemical Characteristics of MSW of Khardah Municipality



SCIENTIFIC RESEARCH LABORATORY

(Analytical & Environmental Engineering Laboratory)

Laboratory Recognised By West Bengal Pollution Control Board An ISO 9001: 2008 & OHSAS 18001: 2007 Certified

90, Lake East (4th Road) Santoshpur, Jadavpur, Kolkata - 700 975 Tele Fax : (033) 2416 2267, Tel. : (033) 2416 1311, E-mall : jyotirmoysti@gmail.com Websita : www.sclentficlab.org

DETAILS OF SOLID WASTE SAMPLE (Format No. : SRL / FM / 62)

Customer Name & Address

M/s. Concern for better living BE 420, Sector I, Salt Lake, Kolkata - 700 084. Khardah Dumping Ground MISC. SOLID WASTE-189-2018

Sampling Location/Mark

Sample Identification No.

Samplir g Method/Sample Collected By

Not Submitted / M/s. Concern for better living

15.03.2016

Environmental Condition Sample Receiving/Analysis Starting On Not Submitted Sampling Date 15.03.2016 Analysis Completed On 26.04.2016

TEST REPORT OF SOLID WASTE SAMPLE [SRL/ CFBL / MISC, SOLID WASTE-189-2016 Dated: 26.04.2016]

SI.	Parameters	Results		
No.		MISC. SOLID WASTE-189-201		
A.P	hysical			
1.	Garbage (Organic), %	37.29		
2.	Ash / Earth (Inorganic), %	20.34		
B. R	eat			
1.	Paper / Cardboard, %	12.37		
2	Plastic / PVC / HDPE, %	12.03		
3.	Rapper / Cotton / Textile, %	4.66		
4.	Rubber, %			
5.	Leather, %			
6.	Wood, %	1,52		
7.	Earthenware, %			
8.	Ceramics, %			
9.	Glass, %	1.18		
10.	Hay / Straw / Thermocol , %	0.33		
11.	Leaves, %	8.35		
12.	Metals, %			
13.	Others, %	3.89		
B. C	hemical			
1.	Moisture Content, %	15.72		
2.	Total Nitrogen (as N), mg/kg	11031.3		
3.	Total Phosphorus (as P), mg/kg	4585.6		
4.	Total Organic Carbon, %	7.52		
5.	Calorific Value, Calig	1024		

For Scientific Research Laboratory

Tripti Ghosh (Senior Chemist)

1 of 1

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 Results relate only to the parameters tested.

[·] No Repeat Analysis will be entertained after 15 days from the date of sampling.

industrial belt, like jute, cotton mills; metallurgical, chemicals Industries, etc. The tourist spot at Gadiara and Uluberia draws huge number of visitors during the winter months. More than 250 years old banyan tree of Botanical Garden at Sibpur is the cynosure of visitors that flock.

Municipal Bodies

Total 3 nos. municipal bodies are in this District, namely, Howrah Municipal Corporation and Bally and Uluberia Municipality. Together they cover an area of 97sq. km. and have total municipal population strength of 14,72,374. The Howrah Municipal Corporation is one of the Old and big Cities of India(Established in 1862), having above 10 lakhs population as per Census 2001. In the Howrah Municipal Corporation area the per capita solid waste generation is also high (817gms/day). Like other old cities this city is also very congested. Including Howrah Municipal Corporation total 1,015 MT of MSW generated per day in these three municipal areas, excluding bio-medical wastes, generated by 89 nos. health care units (bed strength 2,877) and 65 nos. clinics and pathological units. Except some of the Govt. health care units of Howrah district, most of all other HCUs of Howrah district are joined the CBMWTDF-Howrah for treatment and disposal of their bio-medical wastes.

Table I: Brief general information about the Municipal Bodies

Name & Address of the Municipality	Phone/FAX No.	Population in 1991	Population in 2001	Total area (in sq. km.)	Populati on density/ sq. km.	Municipal category
Bally Municipality P.O.: Bally Dist.: Howrah	2654 2491 / 2236 FAX: 2654 7052	1,84,474	2,61,575	12.00	21,798	Class I
Howrah Municipal Corporation 4, M. G. Road Dist. : Howrah	2660 3211 / 3212 / 3032 FAX: 2660 3214	9,50,435	10,08,704	52.00	19,398	Class I (Metro city)
Uluberia Municipality P.O.: Uluberia Dist. : Howrah	2661 0274 FAX: 2661 1395	1,55,172	2,02,095	33.00	6,124	Class I

Table II: MSW generation, collection status

Name of the Municipal Bodies					Collect		Collection method		
	Population in 2001	The Part of the Control of the Contr	Per capita waste generation (gms/day)	MSW Collection /day (in MT)	ion	Total no. of wards	Doorstep (no. of wards covered and collection schedule)	Roadside (no. of wards covered and collection schedule)	
Bally	2,61,575	150.00	573.45	140.00	93	29	All - Daily		
Howrah	10,08,704	825.00	817.88	800.00	97	50	44 - Daily	6 - Daily	
Uluberia	2,02,095	40.00	197.93	4.00	10	28	Not Yet Started	d Properly	

nual Report on Municipal Solid Waste Management for the year 2017-2018 - West Bengal

PART B

1. Towns/Cities

i) Total no. of towns/cities: 125*

ii) Total number of ULBs: 125

iii) Number of class I &class II cities/towns: As per following table:-

a)	Nos. of Class-I Towns (more than 1,00,000 Population)	54 [@]
b)	Nos. of Class-II Towns (50,000-99,000 Population)	33
	TOTAL:	87

@ - including two Metro Cities, namely Kolkata & Howrah * does not include census towns

2. Authorization Status:

i)	Nos. of application received	02(List- A)
ii)	Nos. of Authorization granted	0
iii)	Applications under scrutiny	04(List- B)

3. Solid Waste Generation status:

- (i) MSW generation in the state (TPD) = 14000*
- (ii) MSW collected (TPD) = 11900 (85%)**
- (iii) MSW treated (TPD) = 830#
- (iv) MSW landfilled (TPD) = 334##
- * Source: Report on State Policy and Strategy on Solid Waste Management for Urban Areas of West Bengal prepared by Urban Development & Municipal Affairs Department.
- ** Calculated based on information obtained from Annual Reports submitted by 35 Municipal Authorities. Total quantity of MSW generated by these 35 ULBs as per Annual Report = 3264.84 MT Total quantity of MSW collected by these 35 ULBs as per Annual Report = 2776.82 MT Hence, MSW collection = 85%
- * This is the total capacity of the compost plants that are in operation (list D), considering all plants are running at full capacity.
- ** This is the total capacity of the Sanitary Landfills that are in operation (list-F) considering all are operating at full capacity. Dumpsites have not been considered.

4. Compliance to schedule I of SW Rules (Number/names of towns/capacity)

(i) Good practices in cities/towns: All municipal authorities have taken some initiatives.

- (ii) House-to house collection: Most municipal authorities have started house to house collection.
 - * Segregation: Many municipal authorities have taken initiatives for segregation of waste. Door to door collection is practiced either fully or partially across 60% municipalities. 30% of these are carrying out complete door to door collection [Source: Report on State Policy and Strategy on Solid Waste Management for Urban Areas of West Bengal prepared by Urban Development & Municipal Affairs Department].

(iii) Storage: All municipal authorities have arranged for storage of solid waste.

(iv) Covered transportation: Most municipal authorities have taken initiative for covered transportation.

Though substantial amount of paper, rags, glass find ways to the refuse near its source, they are reclaimed enroot by rag pickers, before reaching the disposal point. The waste reaching the disposal point contains a large percentage of garbage and inorganic matter giving it a higher density low calorific value.

An analysis of physical characteristic of general solid waste was done as a part of a study carried out by National Environmental Engineering Research Institute (NEERI) in 1995 across various cities with population range from 0.1 million to 5 million yielded the following results.

Constituent	% by weight 2.91 to 6.43	
Paper		
Rubber, Leather and synthetics	0.78 to 0.28	
Glass	0.56 to 0.94	
Metal	0.33 to 0.80	
Compostable material	30.84 to 44.57	
Inert material	43.59 to 53.90	

Source: NEERI, 1995.

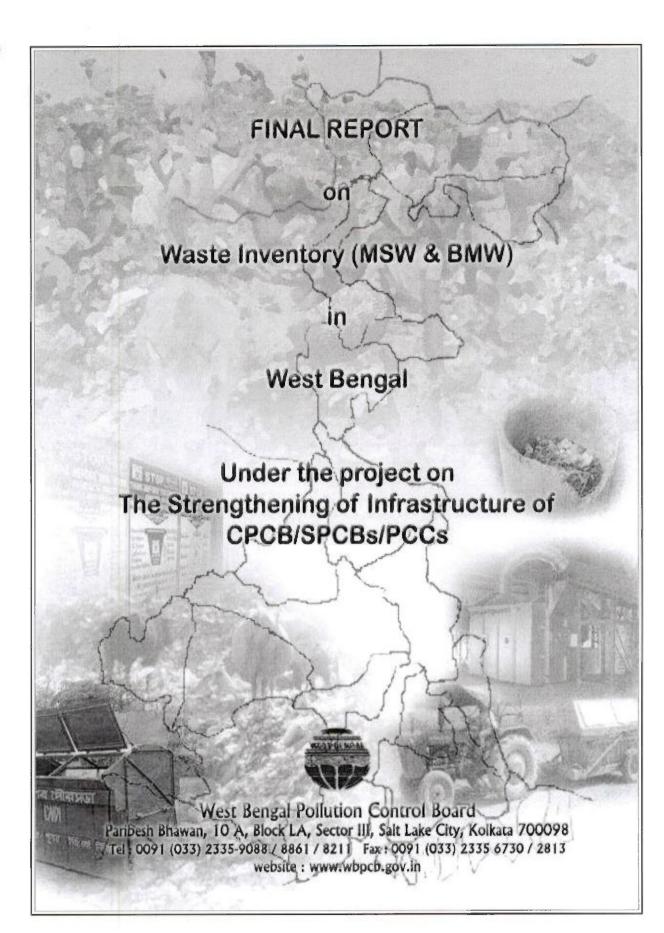


Market wastes (generally huge quantity of bio-degradable materials)

However, India's Development Report 1997 reported individual composition of Municipal Solid Waste of some Indian cities as follows:

CITIES	CHARACTERISTICS (%)					
	Non-Biodegradable					
	Paper	Plastic	Metal	Glass	Ash & Earth	Biodegradable
Kolkata	3.18	0.65	0.66	0.38	34.00	47.00
Delhi	6.29	0.85	1.21	0.57	36.00	35.00
Nagpur	1.88	1.35	1.33	1.34	41.42	34.81
Bangalore Mumbai	4.00	2.00	-	1.00	15.00	78.00
Ource · India/a	10.00	2.00	3.60	0.20	44.20	40.00

Surce : India's Development Report, 1997.



4.1 Municipal Solid Waste Management

Generation

- a) There are 126 nos. municipal authorities in the State of West Bengal. Among which 41 nos. are located within KMA area and remaining 85nos, are beyond KMA total solid wastes area. The generation from 126 nos municipalities is around 8,675 MT per day.
- b) There are immense variations in per waste generation. municipal authorities (mainly in non-KMA area) do not maintain proper records of solid waste generation. As a consequence, the waste generation figures of these municipal authorities was calculated @210gms per capita per day basis. In some big cities like Kolkata, Howrah. Siliguri etc. floating population is one of the factors for more waste generation.
- c) The composition of MSW also varies from place to place. In KMA areas, a major portion of MSW comprises of paper, plastics, packaging wastes, metal can, glass,

- ☐ Total nos. of Municipal bodies in the State 126 Nos.
 - Nos. of Municipal Corporation within KMA 3 Nos. Kolkata Municipal Corporation, Kolkata Howrah Municipal Corporation, Howrah Chandernagore Municipal Corporation, Hooghly
 - > Nos. of Municipalities within KMA38 Nos.
 - Nos. of Municipal Corporation outside KMA..... 3 Nos. Durgapur Municipal Corporation, Barddhaman Asansol Municipal Corporation, Barddhaman Siliguri Municipal Corporation, Darjeeling
 - Nos. of Municipalities outside KMA82 Nos. (including 2 nos. Notified Area Authority)

Note: KMA- Kolkata Metropolitan Area

☐ Total Population :

	As on	As on		
	Census 1991	Census 2001		
Rural	4,93,70,364	5,77,34,690		
Urban	1,87,07,601	2,24,86,481		
Total	6.80.77.965	8.02.21,171		

☐ Total Population within 126 nos. municipal bodies

<u>in 1991</u> <u>in 2001</u> 1,56,65,057 1,95,40,120

☐ Total area covered by 126 nos. municipal bodies : 2520.26 sq. km.

Average population density in municipal areas is 7753 (person/sq.km.)

☐ Total MSW generation in 126 nos. municipal areas : 8674.47 MT/day

Average per capita MSW generation in municipal areas is 360.4 gms./day (approx.)

batteries, building materials/construction wastes, etc. Whereas in non-KMA areas MSW mainly contains bio-degradable wastes like garden wastes, cow dung, straw etc. Composition of MSW also depends on the agricultural production and commercial activities of a particular area, e.g. a major portion of MSW generated by Dhulian Municipality of Murshidabad district is Biri leaf (*Kendu*).

SI.	States		Towns	/cities	Auth	orization	status	Solid waste genera	ation state		
No ·		Total no. of towns /cities	Total no. of ULBs	No. of Class I & II cities/town	No. of appli catio n recei ved	No. of authori zation grante d	Author ization under scrutin y	Solid waste generation (TPD)	Collect ed (TPD)	Treate d (TPD)	Land filled (TPD
	nd										
34	Uttar Pradesh*	73	653	-	1	1	-	15500	12000	3115	-
35	West Bengal	125	125	87	01	0	03	14000	12600	830	515
	Total	2718	3575	940	492	319	154	119140.9	116685 .9	24045 .05	4983 6.57

*INR: Information Not Received

5.23 Tripura

These are total 20 ULBs responsible for implementation of the SWM Rules, 2016 in the state (Municipal Corporation-1, Municipal Council-14 & Nagar Panchayat-05). Total Solid Waste generation in state is about 428.09 MTPD, of which 379.2 MTPD is collected and 134.4 MTPD is treated. There are only two applications have been received for authorization but only one application is granted and another is under scrutiny. Good practices has been initiated in 04 towns - Agartala, Belonia, Kamalpur and Khowai. Door to Door collection practiced in 12 Wards out of 19 wards in Udaipur, in all 15 wards in Kailsahar MC, in 6 wards out of 13 wards in Ranibazar MC, and 25 wards in Agartala MC. It is reported that waste is being transported in the covered vehiclesin 5 Nagar Panchayats (Amarpur, Sonamura, Jirania, Panisagar&Sabroom) and 14 municipal councils of Ambasa, Bishalgarh, Belonia, Dharmanagar, Kailashahr, Khowai, Teliamura, Udaipur, Melaghar, Ranirbazar, Kamalpur, Santibazar, Kumarghat, Mohanpur and Agartala Municipal Corporation.

5.24 Uttarakhand:

Thereare 87municipalities responsible for the Management of Solid Waste in the state. As per the information provided, only 20 nos. of authorization applications have been granted. State of Uttarakhand generates around 1180 TPD of waste, which gets collected. Door to Door collection is partially implemented in Haridwar, Roorkee & Dehradun. For final disposal of solid wastes, landfill sites at Haridwar, Roorkee & Dehradun have been identified, out of which landfill sites at Haridwar & Dehradun are under construction. Presently, there are two solid waste dumpsites are existing for final dumping of MSW.

5.25 Uttar Pradesh:

There are 653 ULBs in Uttar Pradesh state. The total quantity of solid waste generation is 15500 TPD as reported by the local bodies out of which 12000TPD of municipal solid waste is being collected. In 3531 wards, 100% door to door collection is achieved. The Eleven functional MSW treatment & disposal facilities are based upon Waste to Compost Process. It is reported that 3115 TPD of Solid Waste is processed and 319 TPD of compost produce daily. Sold Waste treatment and Disposal Facilities are operational at Lucknow, Varanasi, Allahabad, Aligarh, Etawah, Barabanki, Kannauj, Mainpuri, Muzaffarnagar, Raebareily&Pikhua.

5.26 West Bengal

There are total 25ULBsresponsible in the State for implementation of MSW Rules, 2016. The municipalities in the State are continuously trying to improve solid waste management w.r.t. collection, segregation, safe transportation & scientific disposal. There are 14000 TPD of waste generated in the state from which nearly 12600 TPD is collected and 830 TPD is treated. Approximately 515 TPD is being landfilled. Door to Door collection is practiced across 60% Municipalities. 21 municipalities have installed compost plants-some of them are shared by neighboring municipalities. It is reported that 10 compost plants are operational in 10 ULBs i.e,

Page 10 of 49

Government of West Bengal Department of Urban Development & Municipal Affairs Town and Country Planning Branch "Nagarayan", DF-8, Sector-I, Bidhannagar, Kolkata-700 064.

No.308-T&CP/C-2-33/2019

Dated, Kolkata, the 30th January, 2019

From:

The Joint Secretary to the Government of West Bengal

The Director,

State Urban Development Agency,

ILGUS Bhaban, HC Block, Sector-III,

Salt Lake, Kolkata - 700 106.

Sub

Request for providing technical support and necessary

assistance for Scientific Solid Waste Management.

Ref.

DSDA Letter No.983(I)/XXX-120/DSDA/2019 Dt. Digha, 8th January, 2019.

Sir,

I am directed to forward herewith the letter on subject above for your kind perusal and taking necessary action.

In pursuance of UD & MA Deptt.'s memo No.922(150)/MA/O/C-4/1M-12/2018 dt.17.12.2018, you are requested to extend necessary assistance to Digha Shankarpur Development Authority for providing technical support and necessary assistance for Scientific Solid Waste Management at Digha.

Enclo. :

As stated

Yours faithfully,

Joint Secretary to the Government of West Bengal

No.308/1(1)-T&CP/C-2-33/2019

Dated, Kolkata, the 30th January, 2019

Copy for upto the PS to the Principal Secretary.

Joint Secretary to the Government of West Bengal -144419/00055

DIGHA SANKARPUR DEVELOPMENT AUTHORITY P.O. DIGHA, DIST-PURBA MEDINIPUR

PIN :: 721428

Phone No. 03220-266001, Fax No. 03220-266273

Pro. Secretary

E-mail ID: eodsda@gmail.com

Memo, No.

/XXX - 120/DSDA/2019

Dated, Digha, the

Ian'2019

From : The Executive Officer,

Digha Sankarpur Development Authority

& Spl. Officer, Urban Dev. (T & CP) Deptt.

Digha :: Purba Medinipur.

To: The Director,

State Urban Development Agency, ILGUS Bhaban, HC Block, Sector- III,

Salt Lake, Kolkata - 700 106.

Diany Na. 76 Diag 09-0/-/c

Town & Country Manning Branch Govt. of West Bengal

Will Bury May No

Sub: Request for providing technical support and necessary

assistance for scientific Solid Waste Management.

Sir,

In pursuance of Urban Development & Municipal Affairs Department's memo no. 922(150)/MA/O/C-4/1M-12/2018 dated 17.12.2018, you are requested to kindly provide necessary assistance for the above subject at Digha.

Your kind co-operation in the matter is highly solicited.

Yours faithfully,

Executive Officer

Digha Sankarpur Development Authority
& Spl. Officer, U.D.&M.A. Deptt.

Memo, No. 983 (1) /XXX - 120/DSDA/2019

Copy forwarded to the Principal Secretary, Department, DF-08, Sector-I, Kolkata - 64.

Dated, Digha, the 8/1 Jan'2019

Copy forwarded to the Principal Secretary, Urban Development & Municipal Affairs

Executive Officer

Digha Sankarpur Development Authority & Spl. Officer, U.D.&M.A. Deptt.

22 (2 1/2 Sorie) Sel/1/28/8.





Date: 14.02.2019

Ref: SWEPL/HMC/Com/02/19/02

To

The Commissioner Howrah Municipal Corporation

4, Mahatma Gandhi Road,

Howrah 711 101

Sub: Waste to Energy Project, Howrah - Agreement for lease land and Infrastructure

1. Our letter Ref. No.: SWEPL/HMC/Com/12/18/02 dated: 14.12.2018

Received

Our letter Ref. No.: SWEPL/HMC/Com/01/19/01 dated: 16.01.2019

Dear Sir.

This has reference to our letter dated 14.12.2018 and 16.01.2019 on the above subject. Despite our personal visits to your office and our communications, we have not received any documents or reply till to date. You would appreciate that without having a signed lease agreement for the land, we are not able to proceed with the implementation of the Project. We would once again request you to kindly expedite to provide us with the lease agreement for the land which can be signed by us and returned to you for your signature and further action.

You are well aware the great initiative and commitment of Janab Firhad Hakim, Hon'ble Minister of Urban Development and Municipal Affairs, Govt. of West Bengal for this Project in Howrah which will help in meeting major environmental challenges - like air pollution, water contamination and soil degradation etc. He has been very keen to see early implementation of this project and we are indeed grateful to him for his guidance and support.

While on the subject, we would like to inform you that this topic- Waste to Energy project in Howrah prominently figured as one of the subject matters of discussion in a recently concluded 'Bengal Business Global Summit' in early February 2019 between Prof. Pinkwart, Honb'le Minister for Economic affairs - NRW, Germany and Dr. Amit Mitra, Hon'ble Minister, Finance, Commerce and Industries Govt. of West Bengal. It may be mentioned that Prof. Pinkwart, Hon'ble Minister was invited as the Chief Guest at the Summit.

We have been asked by Dr. Michael Feiner, Consul General of Germany in Kolkata to report to him by the end of this month about a) the present status and b) the pending issues relating to the implementation of the project. This will enable him to report to the Hon'ble Minister in Germany to facilitate his further round of discussion he had with Dr. Mitra, Hon'ble Minister of Govt. of West Bengal.

You will agree that one of the major reasons for the delay for the Project implementation is non availability of the land on lease with the required infrastructure -the subject which clearly

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64/1/47A Khudiram Bose Sarani, Kolkata - 700 037, W.B. India, Tel: +91 2556 7564

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Email: d.mukherjee@fealh.com





falls under your area of operations. Without having the lease agreement and required infrastructure, we and our technology collaborator - Siemens are not able to proceed any further with other related activities.

We are confident that with your active efforts and our joint actions, we should be able to avoid this crucial item to appear in our 'List of pending activities' for reporting to the concerned Ministers of NRW, Germany and Government of West Bengal. This will go a long way to receive Ministerial support in other pending areas of activities for the Project. We earnestly seek your kind support in implementation of this vital infrastructure project in the field of environment in West Bengal and look forward to having the leased land in our hand without further delay.

Thanking you,

Yours sincerely, SOLID WASTE ENERGY PVT. LTD.

Javayan G. Much

Narayan Chandra Mukherjee

Director

Copy to:

Dr. Subrata Gupta, IAS, Principal Secretary, Urban Development and Municipal Affairs Department, Government of West Bengal, "Nagaryan", DF-8, Sec.-I, Salt Lake, Kolkata 700 064

Reg. Office:

64/1/47A Khudiram Bose Sarani, Kolkata - 700 037, W.B. India, Tel: +91 2556 7564 Corporate Office:

Block CJ-157, Sector-II, Salt Lake, Kolkata-700 091 W.B., India, Tel: +91 033 2358 6544 / 2334 6545 Fax: +91 033 2334 6546, Mobile: +91 90514 11772 (India), +49 176 4139 5644 (Germany)

Email: d.mukheriee@fealh.com





SN Greenovation Services LLP



H.O. - No. 284, 1stfloor, 5th Main Road, Mahalakshmi Layout, Bangalore - 560 086 Branch – 91B, 2nd floor, Sri Aurobindo Sarani, Kolkata – 700 005 M:+91 99724 54205 email: contact@sngreenovation.com

STANDARD OPERATING PROCEDURE FOR WASTE MANAGEMENT IMPLIMANTATION at SUDA, WB campus

- Collection of Waste to be done from each building daily once
- Waste should be segregated at source level (office staff & employee will be responsible for their own waste)
- Waste should be collected only if it is kept segregated way (as per the segregation guideline)
- No plastic liner will be allowed for any dustbin (canteen&office)
- Bigger waste items should be kept in a designated place in each building and should be sell to recycle vendor within assigned time duration
- Dumping the wet waste into composters bin installed in next to canteen area after completion of collection from each building along with canteen by the waste collector
- Wet and Reject waste should collect daily basis
- Only reject waste to be send out to landfill (with municipality vehicle)
- Dry waste should collect once / twice in a week based on waste volume
- Dry waste to be segregated as per the waste category at dry waste collection center (inside the campus) after collection process over
- Segregated dry waste to sell off to external dry waste vendor monthly Or once in two month (based on the volume)
- > Twocollectors to be assigned for waste collection, wet waste dumping in composter bin and segregation (dry waste) daily basis
- One coordinator to be assigned to monitor the record of daily waste collection and selling out to external vendor and submit the data to SUDA management time to time
- Dry leaves should collect daily and store in leaf composter bin for composting purpose
- Single use plastic carry bags, plastic cup, paper cup, plastic spoon, paper plate and tharmocol plats are not allowed in the campus
- Each building should have one paper shredder machine

SN Greenovation Services LLP



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- > Each building should have one paper shredder machine



Director, SUDA <wbsudadir@gmail.com>

Fwd: MSW to energy technology - Poland

Ashok Kumar Singh <aks@ns.onet.pl>

To: wbsudadir@gmail.com Cc: pgrcudma@gmail.com

Dear Madame / Sirs

Mon, Mar 4, 2019 at 9:38 PM

101011, 101df 4, 2013 dt 5.00 f 1

Recalling to our discussions at B2G session at BGBS 2019 I am forwarding answers to the questions rai

- 1. As for the size of waste processing plants, for small units of 5 to 50MWel it is not advisable to build a holistic C-GEN, i.e. with ammonia and urea synthesis installations.
- 2. A holistic installation has a business case of 50 MW el and up because the synthesis of ammonia [NH3] and Urea [UREA] must be continuous
- 3. Waste MSW in Poland is about 9-12MJ / kg.
- 4. The MSW (un-segregated) after transport to the plant are sorted out. Steel and mineral fractions such as sand, stones and concrete elements are removed. The remaining mass is roughly ground, (max, 5 cm diameter) and goes to the mineralizing process. The sorting system ensures that we get ground mass with a calorific value of about 22MJ / kg and above and a moisture content of up to 20%.
- 5. The amount of waste (generated ashes) from each installation is up to 3% of the batch volume.
- 6. Wastes of the above calorific value were processed by our installations.
- 7. In Poland, there is a surplus of ground waste in any quantities and calorific value over 35 MJ / kg. Entrepreneurs pay for getting rid of this waste and even deliver it to the recipient.
- 8. For this too,:
- a) 5 MW el or 10 MW el installations [up to 40 MW el we will call as small plants] are to work as MSW disposal plants with a biodegradable part of waste but also with all types of hazardous waste regardless of the state of aggregation
- b) 50 MW el installations and above may work in the mode as above (a), but also depending on business needs as a plant in a holistic system (ie with the production of urea)
- 9. We have simulated the following investments
- a) 5 MW the installation is designed to utilize the MSW and convert waste only for thermal energy (as hot utility water for the local heating system or for the needs of a specific entrepreneur).

CAPEX (ca. 5 m EURO): sorting installation module + waste mineralization module with thermal energy recovery is approx. PLN 21 million (ca. 5 m and EUR). The investment does not include preparatory works such as the concept, design or electrical connections of water and sewage, building and structures, eg foundations).

The size of the connections (parameters) can be estimated after the initial concept. In this the size of the energy or heat connection will depend on the output power.

Essential area - about 10,000 m2

The size of the connections (parameters) can be estimated after the initial concept. In this the size of the energy or heat connection will depend on the output power.

Annual RDF processing (Refuse Derived Fuel) - approx. 13,000 TONS which corresponds to 18,000 TONS of MSW

Return on capital (IRR) is about 36%

- b) 5 MW the installation is to utilize the MSW and convert waste to
- thermal energy (as hot utility water for a local heating system or for a specific entrepreneur)

electricity (energy supplied to the local power system).



CAPEX (approx. 40 m EURO): sorting installation module + waste mineralization module with thermal and electrical energy recovery. The investment does not include preparatory works such as the concept, design or electrical connections of water and sewage, building and structures, eg. foundations).

Essential area - about 10,000 m2

The size of the connections (parameters) can be estimated after the initial concept. In this the size of the energy or heat connection will depend on the output power.

Annual processing of RDF (Refuse Derived Fuel) - approx. 13,000 TONS which corresponds to 18,000 TONS of MSW

Return on capital (IRR) is around 28%

- c) 50 MW the installation is to utilize the MSW and convert waste into:
- thermal energy (as hot utility water for a local heating system or for a specific entrepreneur)
- 50 MW el electricity in the base (discharged to the local power system)
- production of artificial fertilizers (UREA) about 300 thousand tons of UREA / year
- annual processing of RDF (Refuse Derived Fuel) approx. 125,000 TONS which corresponds to 175,000 TONS of MSW.
- CAPEX for 50 MW installations is approx. (ca. 250 m EURO): sorting installation module + waste mineralization module with thermal and electric energy recovery is about 1.3 mld. PLN. The investment does not include preparatory works such as the concept, design or electrical connections of water and sewage, building and structures, eg foundations).
- Area for the construction of a plant 40,000 m2, a concept should be implemented in this area.
- The size of connections (parameters) can be estimated after the initial concept. In this the size of the energy or heat connection will depend on the output power.
- Profit analysis Return on capital (IRR) is around 25%
- 10. Out put: (net quantity of LNG, cold energy, urea, technical gases generated in order to calculate the profitability of the project in Indian conditions)

To calculate the profitability of any installation size in Indian conditions it is necessary to implement the concept with your participation and provide a range of information in the field of:

- · Quality and waste prices
- · the size of the installation
- · Conceptual costs of the project,
- · Costs of individual devices that can be purchased on the Indian market,
- · Labor costs.
- Environmental costs,
- · Electricity prices,
- · Thermal energy prices,
- · Fertilizer prices

I will be glad to furnish information if required.

Looking forward to a favorable consideration.

Regards

· Ashok Kumar Singh

Consultant



Clean World Energy Systems Ltd.

Poland

[Quoted text hidden]

Office of the Councillors'

DINHATA MUNICIPALITY

Memo No. 2578

Dated, Dinhata, the 14/1/

2019

From : The Chairman, DinhataMunicipality, Dinhata.

To : The Director, State Urban Devlopment Agency, ILGUS BHABAN, HC Block, Sector- III, Salt Lake city, Kol- 106.

Sub :- Solid Waste Management -

Madam.

I am to refer to the subject noted above and to furnish the following information for your kind perusal .

Name of the Municipality: Dinhata Municipality, Area: 4.55 Sq.Km Population (Census -2011): 36124, Total Holding: 13848

As you are aware, a rising quality of life and high rates of resourse consumption patterns have had an unintended and negative impact on the urban environment which includes generation of huge waste. And this is far beyond the handling capacities of this Urban Local Body.

However the Municipal authority is making utmost attempts to collect the garbages generated every day by using a compactor and a dumper, since received from the Government. Also the Municipality is in the process of collecting garbages from house to house daily by using Rickshow Van and these are carried by tractors to the Dumping Ground (measuring-52 Kathas) out side the Municipal area. At present the Dumping Ground is nearing its optimum capacity, which is a threatening to us.

In view of what has been stated above, I would request you kindly look into the matter personally and to advise us to find the remedial measurs for the scientific handling of the waste to stop environmental and health impacts at your convenient earliest

Yours faithfully,

DD [AD]



GOVERNMENT OF WEST BENGAL OFFICE OF THE CHIEF ENGINEER

Municipal Engineering Directorate

ikash Bhawan, South Block (1st Floor) Salt Lake, Kolkata – 7000 91. Phone No: (033)2337-1331/(033)2358-3347Fax: (033) 2337-5474

E-mail: ce medte@yahoo.com

No. ME/872 105-6

From: The Chief Engineer.

Municipal Engineering Directorate.

The Director, SUDA,

ILGUS Bhavan, Block HC, Sector III. Salt lake, Kolkata - 700106.

Sub:

Acceptance of rate for the "Procurement of 20 nos. Battery Operated Hydraulic Tipper three Wheeler vehicle for dumping solid wastes within Ranaghat Municipality under Mission

evel Opmen

23/07/18

Nirmal Bangla (u)"

(i) Memo no. SUDA-10/2018/635 dt. 09.06.2018 of the Director, SUDA.

(ii) Memo no. 698/MA/P/C-10/3S-9/2018 dt. 06.06.2018 of the Joint Secretary to the Govt. of West Bengal, Deptt. of UD & MA.

Sir.

With reference to the subject cited above I am submitting the para wise reply of the observations:-

Sl. No.	Observations	Reply
A. (a)	It appears from the recommendation of DTC (SLTC) (Flag 'T') that above item not included in the Original DPR. So, it is not clear whether the Administrative approval includes the item "Battery Operated Hydraulic Tipper". It may be ensure.	Has already complied vide this office memo no. ME/205/10S-16/2017 dt. 23.04.18 still it is to mention here as item is not included in original DPR, so it has been included for exigence of work and it has been duly intimated and approved in 14 th meeting of
	be ensure.	Technical Sub-Committee under SLTC (Copy enclosed) and also to emphasis in this respect that the total cost was well within the approved DPR provision.
(b)	The DTC has not yet recommended	This was placed in 14th SLTC but the

	for acceptance of Tender Rate (Flag 'T').	then Secretary has not considered the said tender in that particular meeting along with other tender for reason known to him.
(c) & (d)	(c) The technical evaluation report showing disqualification of 3 bidders out of 4 bidders may kindly be provided.(d) System-generated Comparative Statement may kindly be provided.	State Mission Director, AMRUT vide

Enclo:- As Stated.

Yours faithfully, Chief Engineer, M. E. Dte.

No. ME/

Dated;

Copy forwarded for information and taking necessary action to;-

1. The Chairman, Ranaghat Municipality

2. Sri Suman Bhattacharya, Joint Secretary, Deptt. of UD & MA, Govt. of West Bengal, Nagarayan, Block-DF-8, Sector-I, Salt Lake, Kolkata-700064.

Chief Engineer, M. E. Dte.



us/4/2018/00642 27.23.04.18

GOVERNMENT OF WEST BENGAL OFFICE OF THE CHIEF ENGINEER

Municipal Engineering Directorate

Bikash Bhawan, South Block (1st Floor) Salt Lake, Kolkata — 700091.

Phone No: (033)2337-1331/ (033)2358-3347Fax: (033) 2337-5474

E-mail: ce_medte@yahoo.com

0/C

No. ME/ 205 / 105 - 16 / 2017

Dated

23.04.18

From: The Chief Engineer,

Municipal Engineering Directorate.

To:

The Director,

SUDA,

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

Salt Lake, Kolkata- 700 106.

Sub: -

Acceptance of rates for the "Procurement of 20 nos. Battery Operated Hydraulic Tipper three wheeler vehicle for dumping solid waste within Ranaghat Municipality under SBM(U)/MNB(U).

Ref: -

Memo no. SUDA-10/2018/1560 dt. 05.03.2018

Sir.

With reference to the subject cited above I am sending herewith the corrected Annexure –I mentioning estimated cost as recommended in the 14th meeting of Technical Sub-Committee (Agenda 3.1) under SLTC AMRUT (copy enclosed).

This is for favour of your kind perusal and taking necessary action please.

Enclo:- As stated above.

Yours faithfully,

Chief Engineer, M.E.Dte.

nclosure of No 925-F(Y) dated 14.02.2017] ANNEXURE: Rs 215000.00 per unit. Total Rs 4300000.00 for 20 units unated Amount per revised component cost) Item Rate (Quotation Invited) Amount put to tender In case of First Call Trade Licence, PAN, GST Certificate, P.Tax Challan, ISO Certificate, Credential 8 nos of vehicle supplied in a single Eligibility Criteria (Technical) contract. Initial earnest money Rs 60000.00. Eligibility Criteria (Financial) Procurement of 20 numbers Battery operated Hydraulic Tripper Details of Publication of NIT three wheelers vehicle for dumping solid wastes. 14.09.2017 Date of NIT Minimum Period for submission of tender from the last date 6 days of publication Sambad Protidin, Sanmarg, Political & Business Daily Names of Newspapers in which publicity was made Whether e Tender 1 (One) Nos of Bidders Responded Nos of Technically Qualified Bidders Does not arise In case of 2nd Call Trade Licence, PAN, GST Certificate, P.Tax Challan, ISO Certificate, ARAI/ICAT Certificate, Credential 8 nos of vehicle Revised Eligibility Criteria (Technical) supplied in a single contract.[Eligibility Criteria was not reviewed because it was bare minimum) Initial earnest money Rs 60000.00. Revised Eligibility Criteria (Financial) Procurement of 20 numbers Battery operated Hydraulic Tripper Details of Publication of NIT three wheelers vehicle for dumping solid wastes. 26.09.2017 Date of NIT Minimum Period for submission of tender from the last date 33 days of publication Sambad Protidin, Sanmarg, Indian Express Names of Newspapers in which publicity was made Yes Whether e Tender 4(Four) Nos of Bidders Responded Nos of Technically Qualified Bidders 1(One) Rs 4390400.00 Details of Financial Bids received Rs 215000.00 per unit. Total Rs 4300000.00 for 20 units Rate after negotiation Whether and by what % is the L1 bid is: a. Below the amount put to tender At par the estimated amount b. At par the amount put to tender c. Beyond the amount put to tender d. Reasonable market rates Specific Comments of TIA with reasons justifying and recommending the acceptance of L1 bid from less than three(3) bidders: This was 2nd call and one bidder technically qualified out of four bidders. The offered rate after negotiation is at par the revised component cost submitted by this ULB & duly endrosed in the 14th meeting of Technical Sub-Committee under SLTC under AMRUT held on 19,12.17 and thats why it is recommended for acceptance. Ranaghal Municipality M.E. Directorate Nadia UlVISION

Nadia UlVISION Nadia Division Specific recommendation of the FA

in case of (a) & (b) recommendation of Head of the Administrative Department

in a Borning an of

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

SUDA-10/2018/1560

05.03.2018

ক্রমিক নং

From: Director, SUDA and

State Mission Director, MNB(U)

Q7 . C3. 18

Jo : The Chief Engineer

Municipal Engineering Directorate

Sub.: Acceptance of rates for the "Procurement of 20nos. Battery Operated Hydraulic Tipper three wheeler vehicle for dumping solid wastes within Ranaghat Municipality under . SBM(U)/MNB(U)".

Ref.: 1. Memo no.: 150/MA/P/C-10/3S-9/2018 dated 12.02.2018 of the Sp. Secretary,

Govt. of West Bengal

2. Memo. No.: ME/2379/10S-16/2017 dt. 15.12.2017 of the CE, ME Dte.

3. NIET No.: W8MAD/ULB/RM/NIT-14e/2017-18/2nd Call dt. 26.09.2017

Sir,

With references above, you are requested to comply with the observation made by the Finance Department, Govt. of West Bengal, in this regard.

Yours faithfully,

Encl.: As stated.

Director, SUDA

SUDA-10/2018/1560/1(2)

Date: 05.03.2018

Copy forwarded for information to:

1. The Chairman, Ranaghat Municipality

2. The Addl. State Mission Director, MNB (U)

Sri S. Benerjee (AE) for no Pl. 1 8.3.18

Government of West Bengal Department of Urban Development & Municipal Affairs Nagarayan, DF-8, Sector-1, Salt Lake City, Kolkata – 700 064

No.150/MA/P/C-10/3S-9/2018

Dated, Kolkata, the 12th day of February, 2018

From: Special Secretary to the Government of West Bengal

To . The Director,

State Urban Development Agency, ILGUS Bhavan, Block HA, Sector III

Salt Lake - 700 106

Sub: Acceptance of rates for procurement of SWM instruments/equipment for Ranaghat M unicipality under SBM (U)/MNB(U)

Ref. U.O. No. SUDA 30/18 dt. 25.01.2018

Sir,

With reference to above, I am directed to enclose herewith a copy of observation of F.A. of this Department for taking necessary action from your end.

Yours faithfully,

Special secretary to the Government of West Bengal

Copy forwarded for information to:

No.150/1/MA/P/C-10/3S-9/2018

Dated, Kolkata, the 12th day of February, 2018

Chairman, Ranaghat Municipality, P.O. Ranagha, Dist. Nadia

Special Secretary

8/c

12 cm 2008

File No: MA/P/C-10/3S-9/2018: U.D & M.A. Department
File Name: Acceptance of Rate for procurement of SWM instruments/equipment within
Ranaghat Municipality under SBM(U)/MNB(U)

Notes Prepage

We may observe as follows

A. In respect of Battery Operated Hydraulic Tipper:

The estimated cost duly approved under the scheme may be recorded. Annexure-I may be corrected accordingly under proper authentication.

B. In respect of Heavy Duty Community Waste Bins and Heavy Duty domestic Waste Bins

There are 2 numbers of qualified bidders and the estimated amount is less than 1 Crore and the bid is within 2% of the estimated amount. As per G.O. No.925-F(Y) dated 14.02.2017, TIA may take necessary decision in this matter.

Assistant Financial Advisor
U.D & M.A. Department

Amit Gangopadhyay Financial Advisor U.D.& M.A. Department

Secretary, UD&MA Department

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Proceedings of the 14th Meeting of Technical Sub-Committee under State Level Technical Committee (SLTC) under AMRUT

DATE: 19.12.2017

TIME: 12.15 pm

Venue: Chamber of Director SUDA

Members and Officials Present (Placed in Annexure I):

Sri. S. P. Kar, IAS, Director SUDA and Chairman of the Committee took the chair & initiated discussions. At the outset, State Mission Director (SMD), AMRUT appraised the members on the background and purpose for constitution of the Technical Sub-Committee, constituted vide Notification No.575/MA/C-10/3S-24/2016 dated October 2016 of Municipal Affairs Department.

Agenda wise Discussions & Decisions are as follows:

Agenda Item 1.1: Acceptance of DPRs for the projects sanctioned under AMRUT 2017-18

The State Annual Action Plan (SAAP) 2017-18 under AMRUT has been approved by State Level High Powered Steering Committee (SHPSC) in its 5th meeting held on 25th October, 2016. The SAAP for 2017-18 is further placed for approval of Apex Committee, Gol in its 15th meeting held on 21st December, 2016 with total 165 projects with SAAP value of Rs. 1536.46 Crore and got approval subsequently.

There are 15 (Fifteen) Water Supply Projects of 15 (Fifteen) AMRUT cities, 6 (Six) Storm Water Drainage Projects of 6 (Six) AMRUT cities and 2 (Two) Non-Motorized Urban Transport Projects of 2 (Two) AMRUT cities along with 142 Green Space Development Projects in all 55 AMRUT cities have been approved under SAAP 2017-18. The preparation of Detailed Project Report is being done by Municipal Engineering Directorate (MEDte), Kolkata Metropolitan Development Authority (KMDA) and by Transport Department, Govt. of West Bengal.

Now, Kolkata Metropolitan Development Authority (KMDA) has submitted 1 (One) DPR of Water Supply project of Rajpur-Sonarpur Municipality and the same is now placed before the Technical Sub-committee for Technical acceptance.

Agenda 1.1.1: Acceptance of DPR for Surface Water Supply scheme for Rajpur-Sonarpur Municipality (Phase-II) under AMRUT.

The DPR for "Surface Water Supply scheme for Rajpur-Sonarpur Municipality (Phase-II) under AMRUT" sanctioned under AMRUT 2017-18 has been received from the Chief Engineer, Water & Sanitation sector, KMDA vide letter no. 36/KMDA/WS/G-300 dated 15.12.2017.

The total project cost is Rs. 206.01 Crore which is above the approved allocation for the mentioned project which is Rs. 206.00 Crore.

The Major Components:

- Intake Structure at River Ganga beside Bhutnath Temple.
- Raw Water Jetty Mounted Pump House.
- Raw Water Pumping Main from Raw Water Intake Jetty to WTP at Municipality.
- 8 nos. Proposed ESRs of different capacities.
- Supplying and laying of DI K9 (11.49 km) for Clear Water Main from UGR to ESR.

Project implementation period is 24 months.

Agenda 3: Details of Tenders under Non-AMRUT Projects:

Agenda 3.1. Acceptance of rates for Procurement of 20 nos. Battery operated Hydraulic tipper three wheelers vehicle for dumping solid wastes within Ranaghat Municipality under

Project Summary:

Name of Scheme

: Procurement of 20 nos. Battery operated Hydraulic tipper three wheelers vehicle for dumping solid wastes within Ranaghat Municipality under SBM/NBM

Programme.

Name of Tender

: Procurement of 20 nos. Battery operated Hydraulic tipper three wheelers vehicle for dumping solid wastes within Ranaghat Municipality under SBM/NBM Programme.

NIET No.

: WBMAD/ULB/RM/NIT-14e/2017-18 (2nd call) Dated

26.09.17

Reference Letter No.

: ME/2379/105-16/2017 dated 15.12.17 from Chief

Engineer, MEDte

Cost Comparison Statement as obtained from Chief Engineer, MEDte, between lowest offered cost and DPR cost for Procurement of 20 nos. Battery operated Hydraulic tipper three wheelers vehicle for dumping solid wastes within Ranaghat Municipality under SBM/NBM Programme

SI	Name of Work	Of Call	No. Of Bidder	Name of Lowest Bidder	Total Cost offered by lowest bidders	Remarks
	Procurement of 20 nos. Battery operated Hydraulic tipper three wheelers vehicle for dumping solid wastes within Ranaghat Municipality under SBM/NBM Programme	2 nd	1	Kulkarni Power Tools Ltd.	4300000.00	Lowest offered rate is 4.019 below than the reasonable market price.

Decision:-

During discussion, Chief Engineer, Municipal Engineering Directorate pointed out that this tender item was not included in the original approved DPR, but based on a necessity, the provision was made. Accordingly, revise proposal for equipments & vehicles was prepared by MEDte and submitted before the Technical Sub-committee. After through discussion, the committee endorsed this revised proposal and subsequently lowest offered rate of above mentioned tender. It was further decided that since only One (1) bidder participated in the said tender and lowest offered cost was found to be less than One (1) crore, the matter may be recommended to next meeting of State Level Technical Committee (SLTC) for referring the tender to Departmental Head of UD&MA Department for necessary approval as per F.D. Memo No. 925- F(Y) dated 14th February, 2017 (Placed in Annexure-II), where it has been stated that "If the bid is within 2% above the estimate, the Departmental Head/ Secretary may accept the tender in consultation with the FA of the department on recommendation of the Departmental Tender Committee".

Si	Name of Work	No. Of Call	No. Of Bidder Participated	No. Of Bidder Technically Qualified	Name of Lowest Bidder	Cost offered by Lowest Bidder	Cost as per Approved DPR	%age above/ below w.r.t. DPR	Remarks
	1 NTU and 1 MG							DPR	
	Clear Water								
	Underground								
	Reservoir (Civil			100					
	Work only) at								
	Padmapukur within						f		
- 1	Howrah Municipal]		1			1		
i	Corporation area on	Ì							
	Turnkey basis.								

Decision:-

Members discussed upon the issue and endorsed the rates and it was decided that the quoted rates as placed at above Table, be recommended for consideration of the SLTC under AMRUT.

The meeting ended with thanks from and to the chair.

Director, SUDA

& Chairman, Technical Sub-Committee under SLTC, AMRUT

Fax: (033) 2337-5474

■: (033) 2337-1331 : (033) 2358-3347

OFFICE OF THE CHIEF ENGINEER MUNICIPAL ENGINEERING DIRECTORATE

Government of WEST BENGAL Bikash Bhavan , South Block (1st Floor) , Salt Lake Bidhannagar, Kolkata – 700091

E-mail: ce_medte @ yahoo.com

ole

Dated.

No. ME/ 2379/108-16 | 2017

From: The Chief Engineer

M. E. Dte. Bikash Bhavan

To : The State Mission Director, AMRUT

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

Saltlake, Kolkata- 700091.

Sub: Comparative Statement of rates for the 'Procurement of 20nos. Battery operated Hydraulic tipper three wheelers vehicle for dumping solid wastes' within Ranaghat Municipality under SBM/NBM program

Ref: i) NIeT No.- WBMAD/ULB/RM/NIT-14e/2017-18(2nd call), dated 26.09.2017

ii) Memo No. ME/SE(E)/523/1S-21/2016 Pt. III dt. 01.12.2017.

Sir,

In reference to the above noted subject and memos, I am to enclose herewith the Comparative Statements for the above mentioned work duly signed by the concerned Superintending Engineer and Executive Engineer of this Directorate along with statements of comparison of cost and other relevant documents for your kind perusal.

- 1. It may be noted that this is 2nd call of tender in which only one bidder has participated. The first call of Tender was cancelled due to insufficient number of eligible bidder.
- 2. It is seen from the enclosed statement signed by the concerned Executive Engineer and Superintending Engineer that the lowest offered amount of lone bidder 'Kulkarni Power Tools Ltd.' for supply of the vehicle is Rs. 2,15,000.00 per unit after negotiation. Hence the total cost of supply based on the lowest offered rate would be Rs. 43,00,000.00 only, which is well within the approved DPR provision for equipments & vehicles. It may please be noted that, this item was not included in the approved DPR, but based on necessity the provision was made and the revised proposal for equipments & vehicles is also enclosed herewith based on actual requirement within approved DPR cost for equipments and vehicles.
- 3. As the amount is less than one crore and only one bidders have participated for the afore-said tender (2nd call), the tender may be approved by the Departmental Head/ Secretary, UD&MA Deptt. after approval of departmental Tender Committee vide Memorandum No. 925-F(Y) dated 14.02.2017 (Annexure I, duly filled up and signed with other relevant documents are enclosed herewith).

In view of above, I would request you to take necessary action to place the above said matters in the next meeting of the SLTC towards acceptance of lowest offered rates for the above-mentioned work.

Enclo:- As stated above

Yours faithfully, Chief Engineer, MED

G:\All files\Important reports_latest\Technical Committee\CS to SLTC AMRUT\Forwarding letter Battery tipper_Ranaghat.docx

eProcurement System of Government of West Bengal Created By: PARTHA SARATHI CHATTERJEE Created Date/Time: 15-Nov-2017 01:14 PM Tender Title: WBMAD/ULB/RM/NIT14e/17-18/2nd

Tender Id: 2017_MAD_131245_1

Tender Inviting Authority: Chairman, Ranagaht Municipality

Name of Work: Procurement of 20 numbers Battery operated Hydraulic tipper three wheelers vehicle for dumping solid wastes to be

Contract No: WBMAD/ULB/RM/NIT-14e/2017-18/2nd call-

3214	SCHEDULE OF V	WORK / ITEM(S	5)				
SI.No	Description of Work / Item(s)	No.of Qty Units		Estimated Rate	KULKARNI POWER TOOLS LTD		
					Rate	Amount	
1.00	Supply of 20 numbers Battery operated Hydraulic tipper three wheelers vehicle for dumping solid wastes to be supplied at Ranaghat Municipality as per specification and as per direction of Engineer in Charge	20.00	Nos	0.00	219520.00	4390400.00	

Total in Figures

4390400.00

Lowest Amount Quoted BY: KULKARNI POWER TOOLS LTD(4390400.00)

The quated rate being slightly high horsbeen negotiated with by I Will final offened rate Comes to Rs 2, 15,000/- Pen Ranaghaf Municipality

28/11/12 Executive Engineer M.E. Directorate Nadia Division Deptt. of Municipal Affairs Govt. of West Bengal

per unt

Offeres late after negotiation in Re 2,15,000/= and is recommended for approval

Hence total amount is to 43,00000/=

Superintending Engineer, East Circle, Municipal Engineering Directoral Govt. of West Bengal

No: WBMAD/ULB/RM/NIT-:

lender ld No.: 2017_MAD_13124

Date of meeting:

	Name of Bidder
1 017	NÉZON
AACCM93	INTERNATIONA L LIMITED
ABHPC566	SHREE SHYAM TRADING COMPANY
AGIPA8627	MITTAL STEEL INDUSTRIES
AAACK7368C	KULKARNI POWER TOOLS TO

Assistant Engineer Nadia Division, M.E.Directorate



Letter No.: BOPL/BWD/UDD/WB/01-06-2018

& GHVE

The Principal Secretary.

Urban Development Department, Govt. of West Bangal,

Kolkata, West Bangal

Subject: Waste Decomposer Technology of BARC (Bhabha Atomic Research Centre), Dept. of Atomic Energy, Government of India.

Dear Sir,

Greetings from Team Biocare!

The challenges faced by the Urban Local Bodies (ULBs)in Solid Waste Management (SWM) in urban India is the motivation of this communication.

Reutilizing of Organic Solid Waste is not only a viable option to MSWM (Municipal Solid Waste Management) but also desirable - socially, economically, and environmentally.

As per the Report of the Task Force of erstwhile Planning Commission, the untapped waste has a potential of generating 5.4 million metric tonnes of compost annually to support agriculture.

Nuclear Agricultural and Biotechnology division of BARC (Bhabha Atomic Research Centre). Government of India, has developed a technology of bio-degradation of Organic Solid Waste, BARC hastransferred this technology to Biocare (I) Pvt. Ltd.

It is a simple, cost-effective & less time consuming approach to composting that enables to enhance the efficiency of ULBs in handling SWM and results in the production of a material safe to use in agriculture.

About Biocare (India) Pvt. Ltd. is one of the leading organizations, engaged in Manufacturing Organic Inputs, Certifying Farms and Buy-back the Products. It is a team of highly experienced professionals who believe that Organic is the ultimate way of life, and it's a collective responsibility.

Way Ahead: Biocare would like to supply the 'Biocare Waste Decomposer', which is developed with the help of Bhabha Atomic Research Centre, Government of India, to the ULBs in the State of West Bangal to effectively & gainfully convert the organic waste into a highly useful compost. This can be achieved either through a single window supply or individual ULB can also be catered as per your advisory. We appreciate your prompt attention to this matter and sincerely thank you for your service to the community. * Asol. Dir, 1605

Hope to hearing from you.

Respectfully yours

Satish Kharabe

Head - Institutional Business& Exports

M: +91 9987031543

Email: biocare.sales@gmail.com

ENCLOSURES: 1. Gol, BARC Certificate. 2. BWD Literature. 3. Biocert Organic Certification for BWD.

CC to: Hon'ble Minister, Urban Development Department, Govt. of West Bangal

INDOCERT Input Approved in

Regd. Office: Shewalkar Garden, Wing 'E', Block 57-57A, VNIT Gate, Gopal Nagar, Nagpur - 440 022.

Call: +91-712-2224344, Mobile: 83080 88888

E-mail: biocare_2000@yahoo.com, Website: www.biocareindia.biz

JICA Brokum & noth Dinajpan To revive. Mu schemes. Gr. Tribunalle an inne. Sion Mondal, Edl. Dongapon - pilot project. Compost nor to some Equiped Cas. - exeful to farmers. Agences to identify Inert material - SUF. Non 2015 April 2018 - Feb 2020 Uttapa Mr. 2013 Kom-Start of 2m phen of MCA Jun 2013 Rishn . My - 2017 Ser NN 2015 Brid Uttempore - Impose fine/fee. KMDA as U provide the base a Municipality - as u provide the base a policy.
15-2:50. he of population 12000 let. > 12 KL. -> (12 mi) tour have been parchesed.

by the out prime ipally. if transportation of sapire tourn Midge. Monnyar Green & blue vehicles also. Reword & punishment. 137- Conservancy Proff-Japanese volunteir - show be allowed. 20 Nands drain from cleaning. 23 Nards _ 6 Hmls 90 is working 80 is vacant Dress & Rland in U be provided to the Ray pricher.
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Plante is totally barned. Used fee to be passed. Baidyabak. - 95% segregation. Garbage to be cleaned first.

Near is ward no 14. Les lift to be installed in placed of conventions life. Chempolani

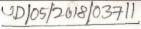
- 6 mills 190-116

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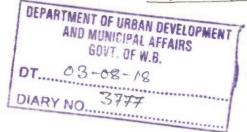
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hour holds Preinevator. - Carcasal of animals

@ large establishment. - To industrice zero waste policy | 5 proces 1th waster of their lotel, restaunch com a own. 100 kg (50 kg) dr. consment hour (Shortage of comparances or off - out sooncing. (3) Reg proker & recycling - to organise. NUM group to mirotre - for at economically being titted 208, **Government of West Bengal Urban Development & Municipal Affairs Department** NGT/Supreme court. Kalimping Bongon, -(Municipal Affairs Branch) - for some date Plante is banned. DF-8, Sector-I, Salt Lake City, Kolkata - 700 064 Some to stop.

Druft Plan to rue med 12 law@gmail.com, phone: 2321 1130 1-2 days to take for mitigation of deague / Plastic bags to born. Juli bags to uso. Phase J/I/10 - Placeros + claim. - estimate breakup. - bime chart \$15 to 200, im Char to maintain. 1200 Crom - TOTO OTTE 1 3500 Crom. 5/9/ 10/12/21/22 - Habra Municipality. CERTIFICATE OF RECEIPT 1000 - 600, our 250 per day. - Sp Clearlines program (Railway khis) 65% North Barrachter - defence Jerrop -D. HH Danny SDDM - Sub.: SMW(C) No. 1/2015 Ref.: Outrage as Parents end life after Child's dengue death. 14 that 150 Byot _ 30 find we ware no pay - centrally find the provides. With reference to the subject as mentioned, I am hereby receiving a Demand Draft, bearing no. 00313400, Phone State of the subject as mentioned, I am hereby receiving a Demand Draft, bearing no. 00313400, Phone State of the subject as mentioned, I am hereby receiving a Demand Draft, bearing no. dated 16.07.2018, of Axis Bank Ltd., Branch: Salt Lake, Sector – II, Kolkata, amounting to ₹1,00,000/-(One Lac), in favour of "Supreme Court Legal Services Committee" payable at New Delhi. SURDC/MED And tom (DPR Cell lowed Thanking you. x478 DEER-SUISE Payment of wage act. Aft to deduct. Roak, WI, Reachited priority And Rogister Sevampore fundanasped nal & myself all , Do potre & wow Hos Roblemof manpower. 29 wards. - 1,83,000 population Kepating N Be regular How to How dunner, Health office 337 Staff 351 lac per month Comeyen - MUHM/NU LM Krishi rashayan Mangement froblem - Grot. friblen Comming porticipator Lab Elicense CP. specialised job. 500TPD. Vector Control Com Cupacity constant Specific churcit. - Softwar Naste segregation anavenen generation. Fast date 1007 segregate don 4 don collection \$538, agency, printed 150 material 1) ora & TTS, ato P 210, Collection protocol. 2 mis wart - regularly to on alland On it a week a bi washing - nor bis wash. Replacement of bim). -> on time effort - GEM. portal. Comport Plant (4). Suboptima North inacht alud & ibadtul







Janab Firhad Hakim

Minister-In-Charge **Urban Development & Municipal Affairs** 1st Floor, VIP Enclouser Writers Bldg. Kolkata -7000 01 Govt. of West Bengal

Mobile E-mail

Name

Department

Telephone

Ms Shakun Juyal RC-IN PG

+91 (124) 6216777

shakun.juyal@siemens.com

Date

July 27, 2018

India,

Howrah Waste to Energy Plant

Respected Sir.

Secretarias Bangle
Nimal Bangle
Solubord

This has reference to the meeting held in your good offices on 07.02.2018 on the above subject where myself and Mr. A.Khanna, on behalf of Siemens along with SWEPL, attended the meeting to discuss the Waste to Energy Project of Howrah, developed by SWEPL.

It was discussed in the meeting that a short DPR will be developed and submitted to the Govt. of West Bengal to pursue the next steps.

We are glad to inform you that the short DPR, has been prepared by a renowned German Engineering Consultancy House and handed over to us by SWEPL for review.

The short DPR has been done incorporating the actual Calorific Value from the test report from NTH as-well-as the detailed MSW characterization.

SWEPL had got fifteen samples of MSW from the Landfill at Belgachia, Howrah, characterized after sampling by a third party sampling Company and tested at our insistence.

Since this is going to be a Lighthouse Project of such a magnitude, we would need time till second half of August' 2018 to define the technology, based on the report related to the number of boilers and plant sizing.

Siemens Ltd. Management: Sunil Mathur Power and Gas Division; Management: Gerd Deusser JIL Building, Tower-B, Plot No. 78, Tel.: +91 (124) 284 2000 Sector 18 122015 Gurgaon

Registered Office: Birla Aurora, Level 21, Plot No. 1080, Dr. Annie Besant Road, Worli, Mumbai - 400030; Corporate Identity number; L28920MH1957PLC010839; Tel.: +91 (22) 3967 7000; Fax: +91 22 3967 7500;

Contact / Email: www.siemens.co.in/contact; Website: www.siemens.co.in.

Sales Offices: Ahmedabad, Bengaluru, Bhopal, Bhubaneswar, Chandigarh, Chennai, Coimbatore, Gurgaon, Hyderabad, Jaipur, Jamshedpur, Kharghar, Kolkata, Lucknow, Kochi, Mumbai, Nagpur, Navi Mumbai, New Delhi, Puducherry, Pune, Vadodara, Visakhapatnam.



Once we complete our exercises, we will ask SWEPL to submit the short DPR to your good offices along with a timeline for joint and integrated presentation of the most suitable solution and the next course of action plan with the state Govt.

Hope this finds your kind acceptance. For any questions kindly feel free to contact Siemens or SWEPL.

Yours Sincerely, Siemens Ltd.

Gera Deusser

CEO - Power and Gas Division India

Copy to: -

Dr. Rathin Chakroborty Honorable Mayor Howrah Municipal Corporation 4, Mahatma Gandhi Road Howrah 711101

The Principal Secretary
Urban Development & Municipal Affairs
Govt. of West Bengal
Nagarayan, Sector – 1 Block DF-8
Bidhan Nagar Kolkata – 700064

The Commissioner Howrah Municipal Corporation 4 Mahatma Gandhi Road Howrah 711101. 45 HP Category

SHE	Engine			
S.No	Items	Requirement	MF 7250 DI	Benefits
1	НР	45	46	More available useful power High Power at lower rpm ensures better mileage and less maintenance
2	РТО НР		42	More Power available for PTO operated implements
3	No of Cylinders	4	3	3 cyliner engine offers better fuel efficiency and is light in weight
4	Max Torque/ Rated rpm	1900	2200	540 PTO rpm @ 1735 erpm ensures better fuel efficiency less load on engine longer engine life
5	SFC (g/kWh)		195	Best in class . More savings on fuel.
6	Engine Compliance	BS-IV	TREM IIIA (equivalent to BS IV)	

Transmission						
S.No	Items	Requirement	MF 7250 DI	Benefit		
1	Gear Box	Combination of Sliding & Constant Mesh	Fully Constant Mesh	Fully Constant Mesh GB ensures On-th-Go geart shifting		
2	No of Gears	8F + 2R	8F + 2R			
3	MIN TURNING RADIUS (m)		3	Easy manoeuvrability on narrow fields/roads		
4	Loading Capacity (Kg)	1450	2300	Compatible with heavy implements, and allows easy hitching of trolleys		
5	Steering	Mechanical	Mechanical	Comfort of operation with less operator fatigue even after long hours of operation		
6	Pump type		Oil immersed PISTON pump	Longer life of piston pump with very less maintanence		
7	Clutch	Heavy Duty Diaphragm type	Heavy Duty 12X10" Dual Clutch	Bigger clutch ensures better transfer of power & longer life of clutch plate		
8	Brakes	Dry Disc / Oil Immersed Brakes	Oil Immersed Brakes (4+4 friction plates)	More contact area for best braking		
9	Fuel Capacity (L)	40 - 50	55	Larger fuel tank for long hours of continuous operation		
10	Control Panel	With Guages & Switches	Stylish Instrument Cluster with guages	Easy viewing even in nights		
11	Lights	LED type	Halogen Lights	Bright Lights for comfortable viewing		
12	Lubrication	Internal force feed	Internal force feed			
13	Type of Fuel	Diesel	Diesel			
14	Max forward speed		34 Km/Hr	More Trips, More productivity		
15	Bumper		Standard 90 KG	Ensures better front end stability & prevents front lifting		
16	Transport lock Valve			Transport Lock Valve ensures faster tipping of Trolley		
17	Cooling System	Water/Air Cooled	Water Cooled			

10000	Dimensio	ons				
S.No	Items	Requirement	MF 7250 DI	Benefit		
1	Ground Clearance (mm)	300 - 350	430	Easy to cross bunds/ridges Easy to maneuver on uneven roads & terrains		
2	Painting	Painted with anti-corrsive paints	Painted with anti-corrsive paints			
3	Front Tyre	6*16	6*16			
4	Rear Tyre	14.9*28	14.9*28			

EO	un	Catanan
50	HP	Category

	Engine			
S.No	ltems	Requirement	MF 7250 PowerUp	Benefits
1	НР	50	50	
2	РТО НР	7.0-2-17.	44	More Power available for PTO operated implements
3	No of Cylinders	4	3	3 cyliner engine offers better fuel efficiency and is light in weight
4	Max Torque/ Rated rpm	2100	2250	540 PTO rpm @ 1735 erpm ensures ▶ better fuel efficiency ▶ less load on engine ▶ longer engine life
5	SFC (g/kWh)		265	Best in class . More savings on fuel.
	Engine Compliance	BS-IV	TREM IIIA (equivalent to BS IV)	*

	Transmiss	ion		
S.No	Items	Requirement	MF 7250 PowerUp	- Benefit
1	Gear Box	Partial Constant Mesh	Fully Constant Mesh	Fully Constant Mesh GB ensures On-th-Go geart shifting
2	No of Gears	8F + 2R	8F + 2R	
3	Loading Capacity (Kg)	1600	2300	Compatible with heavy implements, and allows easy hitching of trolleys
4	Steering	Mechanical	Power	Comfort of operation with less operator fatigue even after long hours of operation
5	MIN TURNING RADIUS (m)			Easy manoeuvrability on narrow fields/roads
6	Ритр Туре		Oil Immersed piston type	Longer life of piston pump with very less maintanence
7	Clutch	Heavy Duty Diaphragm type	Heavy Duty 12X10" Dual Clutch	Bigger clutch ensures better transfer of power & longer life of clutch plate
8	Brakes	Dry Disc / Oil Immersed Brakes	Oil Immersed Brakes (4+4 friction plates)	More contact area for best braking
9	Fuel Capacity (L)	60 - 70	60	
10	Bumper		Standard	
11	Max forward speed		34 Km/Hr	More Trips, More productivity
12	Control Panel	With Guages & Switches	Stylish Instrument Cluster with guages	Easy viewing even in nights
13	Lights	LED type	Halogen Lights	Bright Lights for comfortable viewing
14	Lubrication	Internal force feed	Internal force feed	
15	Type of Fuel	Diesel	Diesel	
16	Cooling System	Water/Air Cooled	Water Cooled	

	Dimensio	ons	la company of the same of the			
S.No	ltems	Requirement	MF 7250 PowerUp	Benefit		
1	Ground Clearance (mm)	300 - 350	430	Easy to cross bunds/ridges Easy to maneuver on uneven roads & terrains		
	2 Painting	Painted with anti-corrsive paints	Painted with anti-corrsive paints			
3	Front Tyre	6*16	6*16			
4	Rear Tyre	14.9*28	14.9*28			

SL No	*Parameter	UMO	Baidyabati	Barackpore	Garulia	Hooghly- Chinsurah	Chandannagai
Date of Sampling			05/04/2017	05/04/2017	08/04/2017	07/04/2017	18/04/2017
1	Moisture	1%	36.49	29.84	28.15	24.25	19.84
2	TOC	mg/kg	7.2	11.4	5.6	10.8	6.4
3	На	-	6.8	7.5	5.2	6.5	6.9
4	C:N Ratio		4.39	6.74	2.56	5.29	1.83
5	Bulk density	gm/cc	0.59	0.68	0.85	0.69	0.86
6	Total Nitrogen	%	1.64	1.69	2.19	2.04	3.49
7	Total Phosphate	mg/kg	0.28	0.19	0.08	0.26	0.37
8	Colour	(+)	Yellowish Brown	Brown	Brown	Reddish Brown	Brown
9	Odour		Pungent smell	Pungent smell	Pungent smell	Pungent smeil	Pungent smel
10	Particle Size	%	<600 : 9.7 >600 : 9.5, >800 : 6.4, >850 : 2.9, >1000 : 12.5, >2380 : 30.5 >3300 : 20.0, >4000 : 8.5,	<pre><600 : 8.4 >600 : 2.5, >800 : 13.0, >850 : 12.1, >1000 : 4.2, >2380 : 22.3, >3300 : 20.1, >4000 : 17.5,</pre>	<pre><600:23.5 >600:5.7, >800:4.9, >850:15.4, >1000:1.5, >2380:14.6, >3300:15.4, >4000:19.0,</pre>	<pre><600 : 23.9 >600 : 6.5, >800 :1.5, >850 :12.4, >1000 :5.8, >2380 :12.0, >3300 :19.9, >4000 :18.0,</pre>	<pre><600 : 17.2 >600 : 6.4, >800 : 8.9, >850 : 6.7, >1000 : 7.3, >2380 : 14.0, >3300 : 21.5, >4000 : 18.0,</pre>
11	Cadmium (Cd)	mg/kg	2.25	2.03	0.88	1.13	1.71
12	Arsenic (As)	mg/kg	2.36	2.16	2.30	2.36	2.23
13	Total Potassium (K)	%	0.39	0.38	0.40	0.41	0.39
14	Zinc (Zn)	mg/kg	51.39	55.94	50.75	56.10	53.98
15	Nickel (Ni)	mg/kg	11.40	12.91	8.67	9.11	9.72
16	Lead (Pb)	mg/kg	1.64	1.31	1.12	1.37	1.23
17	Mercury (Hg)	mg/kg	1.70	1.57	0.89	0.94	1.04
18	Copper (CU)	mg/kg	14.76	19.04	9.02	9.75	10.22
19	Chromium (Cr)	mg/kg	99.14	104.51	88.11	86.94	89.46
20	GCV	(Kcal/Kg)	736	687	571	412	581
21	Ash	%	32.07	42.97	43.46	45.9	52.25

*On Air Dry Basis

SL No	*Parameter	UMO	Bugdebugde	Maheshtala	Uttarpara- Kotrung	Konnagar	Serampur
	e of Sampling		07/02/2017	08/02/2017	01/04/2017	01/04/2017	05/04/2017
1	Moisture	%	28.8	32.1	30.14	35.17	33.12
2	TOC	mg/kg	6.3	5.7	6.1	5.4	4.9
3	pH		8.3	8.4	8.6	6.5	5.9
4	C:N Ratio	**	1.83	1.89	3.13	3.46	3.45
5	Bulk density	gm/cc	0.77	0.65	0.65	0.71	0.84
6	Total Nitrogen	%	3.45	3.02	1.95	1.56	1.42
7	Total Phosphate	mg/kg	0.96	0.37	0.33	0.28	0.41
8	Colour	*	Reddish Brown	Brown	Brown	Brown	Reddish Brown
9	Qdour	20	Pungent smell	Pungent smell	Pungent smell	Pungent smell	Pungent smell
10	Particle Size	*	<pre><600 : 23.5 >600 : 3.2 >800 : 1.2 >850 : 2.7 >1000 : 28.2 >2380:23.2 >3300 : 9.2 >4000 : 8.8</pre>	<pre><600:13.7 >600:1.7 >800:1.1 >850:1.2 >1000:25.9 >2380:28.7 >3300:13.3 >4000:15.0</pre>	<pre><600 :12.22 >600 : 2.5 >800 :3.1 >850:5.6 >1000 : 0.9 >2380 :26.4 >3300:31.28 >4000 : 18.0</pre>	<pre><600 : 26.4 >600 : 5.1 >800 : 2.4 >850 : 5.6 >1000: 2.1 >2380: 20.0 >3300: 20.4 >4000: 18.0</pre>	<pre><600:14.61 >600:4.8 >800:12.4 >850:9.89 >1000:5.3 >2380:19.4 >3300:18.4 >4000:15.2</pre>
11	Cadmium (Cd)	mg/kg	2.37	2.92	2.46	1.88	2.39
12	Arsenic (As)	mg/kg	2.33	2.62	2.40	2.28	2.26
13	Total Potassium (K)	%,	0.37	0.40	0.39	0.35	0.41
14	Zinc (Zn)	mg/kg	53.20	55.94	54.11	58.10	56.33
15	Nickle (Ni)	mg/kg	11.06	11.49	13.08	11.60	10.68
16	Lead (Pb)	mg/kg	1.81	1.96	1.72	1.56	1.77
17	Mercury (Hg)	mg/kg	1.54	1.43	1.45	1.76	. 1.77
18	Copper (CU)	mg/kg	23.83	20.81	18.20	20.32	13.35
19	Chromium (Cr)	mg/kg	118.67	110.51	112.39	109.61	99.75
20	GCV	(Kcal/Kg)	503	495	721	919	724
21	Ash	%	42.81	38.09	40.66	34.49	37.51

*On Air Dry Basis

SL No	*Parameter	UMO	South Dumdum	Bally	Madhyamgram	Panihati	Kamarhati
Date	of Sampling		04/05/2017	04/05/2017	27/06/2017	27/06/2017	27/06/2017
1	Moisture	%	21.54	18.6	22.5	28.4	26.3
2	TOC	mg/kg	9.4	10.3	2.9	7.8	5.1
3	рН	10.0	6.8	7.2	5.9	6.8	7.1
4	C:N Ratio		8.32	7.30	0.72	3.21	1
5	Bulk density	gm/cc	0.68	0.71	0.66	0.72	0.64
6	Total Nitrogen	%	1.13	1.41	4.05	2.43	5.09
7	Total Phosphate	mg/kg	0.57	0.7	0.48	0.67	0.72
8	Colour		Brown	Brown	Brown	Yellowish Brown	Reddish Brown
9	Odour		Pungent smell	Pungent smell	Pungent smell	Pungent smell	Pungent smell
10	Particle Size	%	<600 : 20.9 >600 : 3.5, >800 : 4.9, >850 : 9.4, >1000 : 20.5, >2380 : 13.8, >3300 : 18.5, >4000 : 8.6,	<pre><600 : 20.8 >600 : 8.4, >800 : 3.9, >850 : 14.6, >1000 : 10.2, >2380 : 15.6, >3300 : 17.6, >4000 : 8.8,</pre>	<pre><600:25.8 >600:2.6, >800:5.4, >850:10.2, >1000:15.4, >2380:16.2, >3300:18.0, >4000:6.4,</pre>	<pre><600 : 21.7 >600 : 3.8, >800 :9.5, >850 : 12.2, >1000 : 15.6, >2380 : 17.9, >3300 : 12.0, >4000:7.2,</pre>	<pre><600:23.53 >600:7.4, >800:4.6, >850:14.6, >1000:10.24, >2380:15.64, >3300:17.59, >4000:6.9,</pre>
11	Cadmium (Cd)	mg/kg	0.67	1.49	0.95	1.10	1.28
12	Arsenic (As)	mg/kg	1.89	1.64	1.59	1.67	1.76
13	Total Potassium (K)	%	0.38	0.44	0.39	0.37	0.39
14	Zinc (Zn)	mg/kg	51.72	55.02	51.58	54.10	57.01
15	Nickel (Ni)	mg/kg	13.83	13.38	8.87	8.95	9.58
16	Lead (Pb)	mg/kg	0.52	1.25	1.50	1.76	1.63
17	Mercury (Hg)	mg/kg	0.21	0.40	0.53	0.59	0.64
18	Copper (CU)	mg/kg	42.74	75.44	57.17	58.69	61.01
19	Chromium (Cr)	mg/kg	60.71	88.70	78.31	78.64	83.79
20	GCV	(Kcal/Kg)	517	565	405	387	433
21	Ash ir Dry Resis	%	48.8	50.4	54.9	43.7	49.5

*On Air Dry Basis

SL No	*Parameter	UMO	Rishra	Kalyani	Howrah	Bansberia	Rajpur- Sonarpur
Date o	of Sampling		17/04/2017	20/04/2017	20/04/2017	22/04/2017	03/05/2017
1	Moisture	%	21.12	20.33	18.45	15.69	34.2
2	TOC	mg/kg	7.2	8.4	11.9	5.8	8.9
3	рН		7.3	6.8	7	7.4	6.4
4	C:N Ratio	-	4.34	7	6.43	2.86	8.16
5	Bulk density	gm/cc	0.9	0.66	0.71	0.63	0.79
6	Total Nitrogen	%	1.66	1.2	1.85	2.03	1.09
7	Total Phosphate	mg/kg	0.11	0.51	0.41	0.67	0.59
8	Colour		Brown	Brown	Greenish Brown	Brown	Reddish Brown
9	Odour		Pungent smell	Pungent smell	Pungent smell	Pungent smell	Pungent smel
10	Particle Size	%	<pre><600: 25.3 >600: 3.4, >800: 7.2, >850: 2.5, >1000: 9.4, >2380: 20.1, >3300: 15.6, >4000: 16.5,</pre>	<pre><600 : 24.2 >600 : 4.6 , >800 : 2.4 , >850 : 8.7 , >1000 : 10.5 , >2380 : 16.2 , >3300 : 17.4 , >4000 : 16.0 ,</pre>	<pre><600 : 29.8 >600 : 6.4, >800 : 4.7, >850 : 11.0, >1000 : 20.0, >2380 : 9.4, >3300 : 12.7, >4000 : 6.0,</pre>	<pre><600 : 22.1 >600 : 8.4, >800 : 1.5, >850 : 2.7, >1000 : 16.4, >2380 : 12.0, >3300 : 19.9, >4000 : 17.0,</pre>	<pre><600 : 21.6 >600 : 2.7, >800 : 3.5, >850 : 10.9, >1000 : 19.7, >2380 : 12.4, >3300 : 20.6, >4000 : 8.7,</pre>
11	Cadmium (Cd)	mg/kg	1.86	1.59	1.87	1.37	0.68
12	Arsenic (As) Total Potassium (K)	mg/kg %	0.41	0.42	0.39	0.40	0.34
14	Zinc (Zn)	mg/kg	58.84	57.57	50.09	58.82	53.87
15	Nickel (Ni)	mg/kg	10.11	10.02	8.91	10.09	14.58
16	Lead (BP)	mg/kg	1.58	1.71	1.81	1.52	0.58
17	Mercury (Hg)	mg/kg	1.43	0.64	0.76	0.60	0.22
18	Copper (CU)	mg/kg	12.33	77.96	77.54	71.50	23.86
19	Chromium (Cr)	mg/kg	95.42	85.71	88.86	85.40	28.39
20	GCV	(Kcal/Kg)	738	244	446	519	571
21		%	52.34	56.46	58.15	56.49	49.78

*On Air Dry Basis 51.64

QUESTIONNAIRE

PREPARATION OF SOLID WASTE MANAGEMENT SYSTEM

A.

Domestic & Market /Trade Waste

1)	Name of	Municipality/ Corporat	ion:
2)	District		:
3)	Year of	establishment	:
4)	No. of w	ards	:
5)	No. of he	oldings	(:)
6)	Populati	on	
	i) ii)	Present population: Population growth rate	
7)	Area i) ii) iii) iv) v)	Residential Area Industrial Area Water bodies Agricultural Area Other (Please specify)	
	TOT	AI Municipal area	Sa m

8) Markets

Sl. NO.	Type of Market	Ward No (s)	Nos.	Approx. quantity of waste generated
i).	Daily Markets			
ii)	Food & Vegetable wholesale Markets		12	
iii)	Wholesale Commodity Market			
iv).	Commercial Complex			
v).	Others			

9) Industries

SI. NO.	Type of Industry	Ward No(s).	Nos.	Approx. quantity of waste generated
i).	Large Scale			
ii)	Medium Scale			
iii).	Small Scale			
iv).	Tinny/ Cottage			
v).				

12	10) Hotels a) Nos Total Quantity of Solid Waste G . Present Resources Available for		
Sl. No	Particulars	Nos. Available	Remarks if any
i).	Hydraulic Dumper		11 411
ii)	Hydraulic Dumper placer		
iii)	Dumper Truck		
iv)	Covered Truck		
v)	Ordinary Truck		+
vi)	Tractor		
vii)	Refuse Trailer		
viii)	Try-Cycle Van		
ix)	Wheel Barrow		

14. Present Municipal Sanitation System:

- i) No. of Service Latrines
- ii) No. of Septic Tanks

Community Bins

Cess Pool Emptier

Compactors

Bulldozer / Pay-loader

Hydraulic Dumper Bins

x)

xi)

xii)

xiii)

xiv)

- iii) No. Sewerage Line Connection
- iv) Facilities Available for Sewage treatment:

a) Yes

b) No

If yes type of Treatment Plant and its capacity:

15. Present Municipal Waste Collection System followed:

- A. Domestic Waste Collection Procedures
 - a. House to Hose Collection
 - b. Community Bin Collection
- B. Commercial/ Market Waste Collection Procedures
 - a. Door to Door to Collection
 - b. Community Bin Collection

16. Present Municipal Waste Disposal Syste	m	
--	---	--

- a) Open Dumping
- b) Sanitary Land-fill site
- b) Modified Sanitary Land-fill site

17. Railway Station (s):

Sl. No.	Name of Station	Ward No	No. of Trains Halt	Approx. No. of Transit Passengers
1.				
2,				

18. Bus Terminus

Sl. No.	Name of Bus Terminus	Ward No.	No. of Buses Ply	Approx. No. of Transit Passengers
1.				
2.				
3.				
4.				

19. Existing Dumping Ground

i) Total Area	:sq.m.
ii) Location	:
iii) Existing Ground Level	•
iv) Average Depth of Ground Water Table	:
ance of the Existing Dumping Ground from t	the Central Point of the Town

- v) Dista 1:
- vii) Area available at existing Dumping Ground for Future Waste Disposal:sq.m.
- (please enclose a Site Plan of the existing Dumping Ground, also enclose a brief resume about it .)

20. Any proposal for opening of new La	nd Fill Site:
i) Total Area	:sq.m.
ii) Location iii) Existing Ground Level	= :
iv) Average Depth of Ground Water	; er Tahle
W Average Deput of Glound Water	i lable .
v) Distance of the proposed Land Fill Site	e from the Central Point of the Town:
(please enclose a Site Plan of	the proposed Land Fill Site.)
21. Septic Tank Sewage Disposal System	n followed presently: Please specify
22. Enclose a Municipal Map(s) showin i) Ward boundary	g
ii) Major Municipal Road	including their width.
iii) Major Municipal Draina	age System net work
_	
Hospital / Clinical Wa	ste Management
1. No. of Hospitals with in the town:	
I) Govt.	
	ital / Sub Divisional Hospital / Health Centre)
c) Total No. of Beds II) Private Nursing Home	
a) No.	s / Chines
b) Total No. of beds	
III) Pathological Clinic:	
b) Nos.	
2. Present Hospital/ Pathological or Clin a) Waste is segregated	d at the point of generation:
	i) Yes:
	ii) No :
11,777	,
b) Waste is Collected	separately:
	i) Yes:
	ii) No :
2 Present Hespital/ Dathelegical or Clim	
3. Present Hospital/ Pathological or Clin Waste is Transported to Dumping Groun	ad in Covered clinic Waste Vehicle i) Yes:
	ii) No :
	11/ 110 .
	4

- 4. Present Hospital/ Pathological or Clinical Waste Disposal System:

 - a) Open Dumpingb) Disinfection and dumping
 - c) Incineration
- 5. Any hospital(s) within the radius about 5 to 6 km. : Please specify
- 6. Segregation Data:

Municipality	Tare Weight (KG)	Full Weight (KG)	Waste Total	Plastic	Metal	Glass	Paper	Biodegradable	Biodegradable (%)
					9				

Signature of Mayor / Chairman / Chairperson

Distance from the Market/ Commercial Waste Collection System Followed Domestic Waste System Followed Collection MUNICIPALITY / CORPORATION Total No.of Beds Hospitals No. Total No.of Beds Hotels No. Appr. Quantity of Waste Generated (in mt) Commercial centres S Appr. Quantity of Generated (in mt) Waste Whole sale Market S. Appr. Quantity of Generated Waste (in mt) Daily Market Basic Ward wise Information Š. Population **sgnibloH** 10.0N (sd. km.) Area 2 0 4 5 9 13 13 ~ ∞ တ 9 7 ON

Dumping Ground in Km.

Ward

- iii. Must Possess Income Tax Acknowledgement Receipt for the latest Assessment year (2015-2016), P.T. Deposit Challan for the year 2017-2018 along with P. Tax certificate , Pan Card, GST Registration Certificate are to be accompanied with the Technical Bid Documents
- iv. The prospective bidders or any of their constituent partner shall neither have abandoned any work nor any of their contract have been rescinded or have been blacklisted from any Government / Semi-Government / Public Sector / Government Autonomous Body / statutory body during the last 5 (five) years. Such abandonment or rescission will be considered as disqualification towards eligibility (A declaration in this respect through affidavit has to be furnished by the prospective bidders without which the Technical Bid shall be treated as non-responsive).
- v. Must Possess valid trade license. Registered Partnership Deed for Partnership Firm only along with Power of Attorney is to be submitted along with the application. The company shall furnish the Article of Association and Memorandum.
- vi. A prospective bidder shall be allowed to participate in a particular job either in the capacity of individual or as a partner of a firm. If found to have applied severally in a single job, all his applications will be rejected for that job, without assigning any reason thereof.

	follo	wing specification
1.	Type of Vehicle	Battery Operated 3 wheel with battery assisted Hydraulic tipping container arrangement
2.	Certificate of compliance	ARAI/ICAT certified incorporated with hydraulic lifting sytem in the certificate. As per CMV rule 126 Central Motor Vehicle Rule 1989
3.	Capacity GVW	850 to 900 Kg
4.	Battery Type	Lead Acid 12V x 100 Ah x 6 nos. Battery ARAI / ICAT certified
5.	Steel Cargo Platform Size	1200x800x500 mm to 1250x850x500 mm
6.	Tyre Front Rear	4.00 – 10.00, 8 ply to 4.5 – 10, 8 ply OD 505 mm x width 127 mm To 4.75 – 10.00, 8 ply OD 525 mm x width 130 mm 165 D 13, 8 ply, OD 600 x width 165 mm To 170 D 13, 8 ply, OD 625 x width 170 mm
7.	Total overall size	2500x900x1000 mm to 2800x950x1290 mm
8.	Climbing ability	10 to 30 degree
9.	Charging time	6 to 8 hrs
10.	Running time	10 to 12 hrs
11.	Driving Mode	Shaft Drive
12.	Speed	15 to 20 Kmph
13.	Ground clearance:	280mm to 300mm
14.	Sitting arrangement:	1 (one) person
15.	Motor Type	1.8 to 2.0 KW BLDC Mono Motor
16.	Cargo Box lifting System	Hydraulic System

The Vehicle as well as Hydraulic lifting arrangement should be ARAI/ICAT certified.

UD100/2018/07747 Pa. Secy/UD Come



SI LIGURI MUNICIPAL CORPORATION

P.O. SILIGURI, DIST. DARJEELING (W.B.), #2432804, 2435444, 2433277, 2435282

Memo No. 41 (BUD | Smc | 2018-14

To,
The Director,
State Urban Development Agency,
ILGUS Bhavan, HC – Block,
Sector – 3, Bidhannagar,
Kolkata – 700106



Date: 13.02.2017

[/8/n]

Sub: Submission of Detailed Project Report on Solid Waste Management

Sir,

With reference to the above I have been directed by the Hon'ble Mayor to submit herewith the hard copy of DPR on Solid Waste Management along with the executive summary. We had prepared this report under the project namely "Capacity Building for Urban Development (CBUD) by MoUD, Govt. of India.

May I, therefore, request you for financial assistance under Swaccha Bharat Mission/ Nirmal Bangla Mission for the above noted project.

Thanking You



Yours Faithfully

Commissioner 17 1 Siliguri Municipal Corporation

Se

PD, SBM

GOVERNMENT OF WEST BENGAL OFFICE OF THE CHIÉF ENGINEER

Municipal Engineering Directorate

Bikash Bhawan, South Block (Ist Floor) Salt Lake, Kolkata - 700091.

Phone No: (033)2337-1331/(033)2358-3347Fax: (033) 2337-5474

E-mail: ce_medie@yahoo.com

No. MEI 606/19-48/2015

Dated 13/06/17

From: The Chief Engineer,

Municipal Engineering Directorate.

To: The Director, SUDA

Mission Director, Sachh Bharat Mission, ILGUS Bhaban, H.C.Block, Sector-III, Salt Lake, Kolkata-700106.

Sub: Appraisal of DPR for Solid Waste Management Project within Siliguri Municipal Corporation.

Ref: (i) SUDA file no-SUDA - 161/2017
(ii) This office Memo no. ME/509/10S-15/96 Pt.-VIII dt. 02.06.17
(iii) Email of Sri G. Vijay Kumar, Under Secretary to Gol, MoUD dt. 08.06.17.

With reference to the subject cited above and referred correspondence it is quite clear that the DPR for Solid Waste Management Project within Siliguri Municipal Corporation has already been approved by MoUD, GoI under Capacity Building for Urban Development (CBUD) Project.

Hence, further appraisal from this end may not be required at all. So, the referred file along with available document of appraisal from MoUD, GoI is hereby returned back for your kind perusal.

Yours faithfully

Englo:- As Stated.

No. ME/ 606/1 /19-48 2015

Copy forwarded for information and necessary action to;
1. The Mayor, Siliguri Municipal Corporation.

Chief Engineer, MED

Dated 19/06/17

Chief Engineer, MED

L DIABBIHONE WASHING SINASDELSOL OF DER FOR SWALD FOLES WITHIN SWEET MC 465. L



Subject: Status Report of Solid Waste Management Activities of Kamarhati Municipality.

From: KAMARHATI MUNICIPALITY<kamarhati_municipality@rediffmail.com> on Sat, 15 Sep 2018 17:23:12

To: "Director, SUDA" < sbm. wbsuda@gmail.com >

1 attachment(s) - SUDA_Director_15-09-18.pdf (908.28KB)

Sir/Madam,

Please find the attachment.

KAMARHATI MUNICIPALITY

Office of the Municipal Councillors, Kamarhati

[Address:-1, M. M. Feeder Road, Rathtala, Belgharia, North 24 Parganas, Kolkata-700056]

Ph:-033-2564-9580, 033-2564-8646, Fax:-(033) 2564-1361.

Email: kamarhati municipality@rediffmail.com

Ref. No. 447/GM.

To The Director, SUDA Bidhannagar, Kolkata-700106 Date:15.09.2018

on pol 1.10%

Sub:- Status Report of Solid Waste Management Activities of Kamarhati Municipality

Sir,

I am furnishing herewith a report on the above matter for your Kind information.

Chairman , Kamarhati Municipality, Chairman Kamarhati Municipality

Status Report of Solid Waste Management Activities of Kamarhati Municipality

Total waste Generation (160-170 MTPD) Total waste Processed / Treated- Nil Calorific Value of Waste (K.cal/Gram)

SI.	SWM Activity	Activities	Activities Not	Target Date for
No.		Implemented	Implemented	Implementation of
				the Activities
1.	Waste segregation at Source- House			01.04.2019
_	hold and community level			
2.	Waste Collection:			
	Primary Collection of			01.04.2019
	Segregation Waste from			
	Household and Community			
	Spot, introducing			
	modernized system of vehicle tracking.			
	Sorting of Bio-Degradable			
	and non Bio-Degradable			01.04.2019
	(Inert and Recyclable)			01.04.2019
	Wastes collected from			
	Community Vats , at			
	Secondary Collection Point.			
	Sorting of Non- Bio-			
	Degradable (Inert and			01.04.2019
	Recyclable) Wastes			
	collected from Households			
	and Community Bins, at			
	Secondary Collection Point.			
2				
3.	Waste Transportation:			
	Secondary Transportation-			01.01.2020
	Separate Transportation Chain for Bio -Degradable			
	and Non Bio-Degradable			
	wastes, introducing			
	modernized system of			
	Vehicle tracking.			
4.	Waste Processing / Treatment:		As per Govt. Direction	
	Identification of Land for		our Municipality	
	Processing Plant & Sanitary		included at Promod	
	Landfill Site		Nagar Solid Waste	
	Installation of Processing		Management Plant	
	Plant		along with other four	
	 Proper Management of re- cyclable waste. 		Municipalities.	
5.	Development of Landfill Site:			
- 1	Development of Sanitary			
	Landfill Site and disposing			
İ	inert materials.			
5.	Regular Cleaning:			
	Sweep each Road	Yes		
	Sweep Market / Parks /	Yes		
	Temple/ Masque Places /	Yes		
	Heritage Places / Hawker's			
	Zone / Bus Stand /			
	Surroundings areas of Air			
	Port, Railway Station, Ferry			
	Ghat, Hospital, Schools,			
	Institutions, Offices etc.			
	Clear Garbage from	Yes		
	abovementioned areas			

JOYNAGAR-MOZILPUR MUNICIPAL OFFICE P.O. Joynagar Mozilpur, Pin Code No. 743337 South 24 Parganas.

Mema. No. J. M. M/ SWM/ 120.

Dated: 05.06.18

From

The Chairman/Vice Chairman/Executive Officer, Joynagar Mozilpur Municipality.

To

We Director, SUDA,

West Bengal,

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

Bidhannagar,

Kolkata - 700 106.



Sub: Request for preparation of DPR regarding Integrated Solid Waste Management of this Municipality.

Sir.

I am to inform you that a proposed pilot project for Biomethamation & power generation from Solid Waste of Joynagar Mozilpur Municipality under joint venture with Vivekanda Institute of Biotechnology, Sree Ramkrishna Ashram, Nimpith, South 24-Prgs. has been approved/supported by DST, Govt. of India. The matter has been reported in the meeting for Central of vector borne disease (VBD) in presence of Hon'ble MIC, UD & MA Department, Govt. of West Bengal and also in presence of Principle Secretary of the said department. During the course of discussion it was requested to the Hon'ble MIC for extending Govt. support for waste collection system of this Municipality as part of the aforesaid pilot project. Hon'ble MIC instructed to submit DPR regarding the same at the earliest and also instructed the Principle Secretary to extend all possible support for preparation of proposed DPR as the Municipality does not possess the expertise regarding the same.

According as per instruction I would like to request your good-self to kindly prepare a DPR as proposed by expertise from your end to which you may deem fit.

We solicit your co-operation in this regard at the earliest.

Thanking you.

Yours faithfully,

Chairman

J.M. Municipality.

Memo No.

Date:

Copy forwarded for kind information to The Principle Secretary, UD & MA Deptt., Govt. of West Bengal, Nagarayan, Salt Lake City, Kolkata 700 064.

Chairman

J.M. Municipality.

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Dear Sir,

UD 100 120 120 165

We request your kind attention on the issue of waste management in our City of Kolkata.

Hereby I request you to kindly give us an appointment at your suitable time, so that we can meet you and present our solution for waste management. 4201. Div, 12605

Regards, Ajay Chowdhary Shivam Biofuel +91 98740 76910

From: Shivam Biofuel [mailto:shivambiofuel@gmail.com]

Sent: Thursday, May 31, 2018 7:31 PM

To: secy.ma-wb@gov.in Cc: jssb.udma-wb@gov.in

Subject: Disposal and management of Garden and Tree waste

Date: 31st May 2018

To. Janab Firhad Hakim Honorable Minister In Charge Urban Development and Municipal Affairs Govt. Of West Bengal.

Sub: Disposal and management of Garden and Trees waste.

Respected Sir,

Over the couple of months and on the uneventful evening of 17th April 2018 the city of joy and suburbs was deeply affected by twin storms as a nor'wester hit the city with a gale speed of up to 98 kmph uprooting hundreds of trees. As always the municipal authorities had done excellent work in restoring normal life and cleaning of streets. We believe a major task for your department is proper disposal of this waste due to uprooting of trees.

Sir, everyday tonnes of garbage is dumped or burnt in open adding to already surging pollution index. A significant portion of this is garden and tree waste.

Sir, We have a solution to this everyday problem of disposal of garden waste - Biomass Briquettes . Biomass Briquettes is as efficient fuel as coal and meets the pollution guidelines laid by our Government.

I, Ajay Chowdhary of M/s Shivam Biofuel would like to introduce ourselves as a manufacturer of Biomass Briquettes (Renewable Energy) having its manufacturing unit at Howrah, whereby we process agricultural and garden waste into solid fuel as a direct replacement of Coal (Non-Renewable Resource of Energy) for use in industries.

Sir, we value our proposition to partner with Municipal Authorities to process this garden and tree waste into Biomass Briquettes, thereby giving urban solid waste a value to get it off the streets.

We request for an appointment to put across our proposal for the disposal and management of garden and tree waste in and around our city.

Thanking You,

Yours truly,

OFFCE OF THE COUNCILLORS OF

MURSHIDABAD MUNICIPALITY

Lalbagh @ P.O. & Dist. Murshidabad @ Pin-742149 @ West Bengal @ Phone:(03482)270232 @ Email:murshidabadmunicipality@gmail.com

Memo No.

From
Biplab Chakraborty
The Chairman,
Murshidabad Municipality

To

The Executive Engineer
Murshidabad Divn.MEDte.
5,Babulbona Rd.Berhampore



1 106

Date:

CMP 1

Sub:- Submission of Feasibility Report of the lands of Murshidabad Municipality For Integrated Solid waste Management.

Ref:- SUDA-08/2018/1412(2) dated 05.02.2018

Sir,

We are submitting herewith the above mentioned as per your supplied format for your kind perusal. You are requested to go through the same and take the needful.

Thanking you

Yours faithfully

54-

Chairman, Murshidabad Municipality

Enclo: As stated above.

Memo No. 838/(4)/M. Mate 11/07/18.

Copy forwarded for information & necessary action to:
1. The Director SUDA & State Mission Director, MNB(U)

2.Secretary, UD&MA Department, Government of W.B.

3. The Superintending Engineer, Central Circle, MEDte.

4. The Chief Engineer, MEDte. Bikash Bhawan, Kolkata.

Labough Kurshidabed

Murshidabad Municipality
Chairman
Murshidabad Municipality



GOVERNMENT OF WEST BENGAL
OFFICE OF THE CHIEF ENGINEER

Municipal Engineering Directorate

ash Bhawan, South Block (1st Floor) Salt Lake, Kolkata – 7000 91.

Phone No: (033)2337-1331/ (033)2358-3347Fax: (033) 2337-5474

E-mail: ce_medte@yahoo.com

No. ME/

From: The Chief Engineer,

Municipal Engineering Directorate.

The Superintending Engineer, East Circle, M. E. Dte.

Sub:

Approval of design, drawings of Bio Gas Plant under Mission Nirmal Bangla / Swachh Bharat Mission within Krishnagar, Nabadwip and

Dated:

Ranaghat Municipality.

Ref: - This office memo no. 901(2)/1P-48/2015 dt. 26.07.18.

With reference to the subject cited above he is requested again to take immediate action towards approval of the design and drawings of the Bio Gas Plant of Ranaghat, Nabadwip and Krishnagar Municipality.

As per office record after receiving work orders the contractor had submitted the design drawing to the office of the Executive Engineer, Nadia Division, M. E. Dte on 12.04.18.

E & M portion also approved by KMDA on 07.06.18.

BARC approved design drawing was submitted to Superintending Engineer, East Circle, M. E. Dte. office on 17.07.18.

So, it is not clear at all why there is too much time lag to approve design drawings without any valid reason as informed to the undersigned.

Now he is instructed to take necessary action towards approval of the same with correction, addition etc. (if necessary) as per bid document within seven days from the receipt of this latter without fail.

Sd/-Chief Engineer, M. E. Dte.

avelo

Contents no Verified

No. ME/ 1/28/1(8)/18-48/2015

Dated: 29/08/18

Copy forwarded for information and taking necessary action to;-

X. The Mission Director, MNB / SBM & Director SUDA.

2. The P.S. to MIC, Deptt. of UD & MA, Govt. of West Bengal.

- 3. The Chairman, Krishnagar/ Nabadwip / Ranaghat Municipality
- **4.** The Executive Engineer, Nadia Division, M. E. Dte. He is instructed to take necessary action for immediate starting of work as and when approved design & drawing will be available.
- 5. EClean Spectron Environment Private Limited, He is requested to prepare in all respect so that work can be started in the field as per direction of Executive Engineer, Nadia Division, M. E. Dte. after getting approved design & drawings.

Chief Engineer, M. E. Dte.

GOVERNMENT OF WEST BENGAL OFFICE OF THE CHIEF ENGINEER

Municipal Engineering Directorate

Bikash Bhawan, South Block (1st Floor) Salt Lake, Kolkata - 700091 Phone No: (033)2337-1331/(033)2358-3347 | Fax: (033) 2337-5474 E-mail: ce_medte@yahoo.com

No. ME/

Dated:

03.07.18

From :

The Chief Engineer,

Municipal Engineering Directorate,

Bikash Bhavan, Salt Lake,

Kolkata - 700091.

The Superintending Engineer,

North/ South/West /East Circle, M.E.Dte.

Sub: Draft Bid document for Construction of SWM facility through establishing waste to energy plant under SBM/MNB Programme

With reference to subject cited above, find enclosed herewith the soft copy of draft Bid Document for above mentioned works for Schemes approved in the 2nd meeting of State High Powered Committee under MNB/SBM for taking further necessary action towards e-tendering of

It is also to be noted that, this is a draft document and project specific customization, further corrections, modifications and revisions from his end for the betterment of works should be done at the earliest in consultation with Executive Engineer concerned and ULB authority

This may please be noted that the minutes of 2nd meeting of State High Powered Committee under MNB/SBM has already been mailed to all concerned SEs & EEs on 11.06.2018 and instruction has already been given to the EE concerned to initiate tenders of all components of the project on the review meeting held on 18.06.2018 in the office of the undersigned.

Enclo: as stated above

Chief Engineer, MED

No. ME/ 685 (4)/2(11)/28-48/2015

03.02.18

Copy forwarded for information and necessary action to:

1. The State Mission Director, SBM/MNB & Director, SUDA,

2. Sri B.N.Kar, Addl. Mission Director, SBM/MNB

3. Addl. Chief Engineer, North/South

4. The Executive Engineer, Asansol, Bankura, Purulia, Coochbehar, Burdwan, Hooghly, West

Chief Engineer, MED

[F: Chief Engineer Bid document Bio gas, SWM, SE...3,7.18.docx_]

OFFICE OF THE BURDWAN MUNICIPALITY

G. T. Road, P.O. & Dist.- Burdwan, West Bengal, India-713101.

Ph:-+91 0342-2662518/2664121. Fax: +91 0342 2560717.

Email: info@burdwanmunicipality.gov.in/ Website: www.burdwanmunicipality.gov.in

Memo No: - 106/SWM/XII-9

Dated: - 05/09/18

To

The Mission Director,

Mission Nirmal Bangla (Urban) / Swachh Bharat Mission (Urban).

State Urban Development Agency,

Ilgus Bhavan, H.C. Block,

Sector - III, Bidhannagar, Kolkata - 106.

Sub: - Request for release of fund for Const. of 9 (Nine) nos Compactor Station and 1 (One) Weigh Bridge at Dumping Ground.

Ref.:- Minutes of the 2nd Meeting of State High Powered Committee under Mission Nirmal Bangla (Urban) / Swachh Bharat Mission (Urban).

Sir,

I beg to draw your kind attention that this Municipality is Progressing with a vision of a vat less town for which a DPR has been send to M.E.D Govt. of West Bengal, Bikash Bhavan on 14/12/2017.

Subsequently that DPR amounting **Rs.1683.37 Crore** has already been sanctioned for procurement of SWM Vehicles and Equipments for this Municipality by Members & other Participants of the High Powered Committee under Mission Nirmal Bangla (Urban) / Swachh Bharat Mission (Urban) in a meeting held on 28/03/2018.

A copy of minutes of the 2nd Meeting is attached here with.

We have selected 9 (Nine) places for construction of Stationary compactor Station. Out of them 90% civil work of one compactor station is completed.

Now we are need of fund towards payment of the said construction.

I would there for request to your kind honour to release the fund amounting Rs. 22150000.00 as early as possible.

DPR Sl.No	Particulars	Final Recruitment	Rate	Total Amount
17.	Compactor Station (Const. Cost.	9Unit	2350000 Per Unit.	21150000.00
23.	Weigh Bridge	1 Unit	1000000 Per Unit.	1000000.00
	Total			22150000.00

Thanking You

Yours faithfully

Burdwan Municipality

Construction of Stationary Compactor Station. near-Bordhaman Medical College Hospital.





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order amidbe. I



MAHESHTALA MUNICIPALITY

OFFICE OF THE BOARD OF COUNCILLORS

P.O. - MAHESHTALA, DIST. - SOUTH 24 PARGANAS, PIN - 700 141

Phone: 2490-1651, 2490-3389, FAX: 2490-9296

Memo No-2615/IVA/MM/5.

Q+-27-11-2017

M/s Hyva (India) Pvt Ltd Plot: EL-215, MIDC, Mahapl

Navi Mumbai Pin - 400710

Sub:1) Supply of Hyva Stationary Compactor of capacity of 10.5 cum including successful training, commissioning and trial run.

II) Supply of Hyva Hook Loader capacity 14 Ton mounted on Truck Chassis of Capacity of 16 Ton GVW: including successful training, commissioning and trial run.

Dear Sirs.

In accordance with the resolution of the Chairman - in - council dated 10/11/2017 your offer

for the same has been accepted by me and on behalf of Board of Councillors.

SI No.	Item	No	Rate (all inclusive) (in Rs.)
1	Stationary compactor of capacity 10.5 cum	03	1539590/- (each)
2	Hook Loader Capacity 14 Ton mounted on Truck chassis of capacity 16 Ton GVW.	02	39,50,000/- (each)

Warranty, Scope and payment terms are accepted as proposed except that 10% of cost which shall be retained as Security Deposit to be released in usual course.

PI submit proforma Invoice for making advance payment.

Time of supply shall be 8 (eight) weeks.

You have to enter into a formal agreement in three sets as per format of the Municipality on

payment of Rs. 5000/- for each set.

gurs faithfully

Maheshtala Municipality Memo No: 2615/1(15)/IN-A/MM/5, 21-27-11-2017 Copy forwarded for information & necessary action to

- 1) Vice Chairman
- 2) CIÇ (.....)
- 3) Executive Officer
- A Finance Officer (Payment shall be made from 14th FC fund)
- 5) O.S.D
- 6) S.I.(DN)
- 7) Store In-charge
- 8) Subhodh Kanti Roy, Tender Section.
- 9) Cashier

Maheshtala Municipality



MAHESHTALA MUNICIPALITY

OFFICE OF THE BOARD OF COUNCILLORS

PO. - MAHESHTALA, DIST. - SOUTH 24 PARGANAS, PIN - 700 141

Phone: 2490-1651, 2490-3389, FAX: 2490-9296

Memo: 2768/WAIMM/5

Date: 06-12-17

Date: 06 12 17

To.

M/s Hyva (India) Pvt Ltd Plot: EL-215, MIDC, Mahapl

Navi Mumbai Pin – 400710

Sub: Supply of Hyva Stationary Compactor of capacity of 10.5 cum including successful training, commissioning and trial run.

Dear Sirs,

In continuation of this office supply order no 2615/IV-A/MM/S dated 27/11/2017 I am to inform you that in accordance with the resolution of the Chairman-in Council dated 23/11/2017 we require one more stationary compactor of 10.5 cum capacity at a cost of the 15,39,590/-

As such you are requested to include this order in your Proforma Invoice for the previous order, if not raised, If P.l. already raised then separate P.l. for this item may be raised.

Yours faithfully

Cuairman Maheshtala Municipality

Memo: 2768/1/14/iv A/MM/5

Copy forwarded for information & necessary action to

- 1) Vice Chairman
- 2) CIC (.....)
- 3) Executive Officer
- 4) Finance Officer (Payment shall be made from 14th FC fund)
- 5) O.S.D
- 6) S.L(DN)
- 7) Store In-charge
- 8) Subbodh Kanti Roy, Tender Section.
- 9) Cashier

Chairman Maheshtala Municipality



MAHESHTALA MUNICIPALITY

OFFICE OF THE BOARD OF COUNCILLORS

P.O. - MAHESHTALA, DIST. - SOUTH 24 PARGANAS, PIN - 700 141

Phone: 2490-1651, 2490-3389, FAX: 2490-9296

Memo: 2968/iva/mm/5

Date: 7/12-117

To,

M/s Hyva (India) Pvt Ltd Plot: EL-215, MIDC, Mahapl

Navi Mumbai Pin – 400710

Sub: Supply of 4 (four) Hyva Stationary Compactor of 10.5 cum capacity and 2 (two) no. Hook loader capacity 14 ton mounted on Truck Chassis of Capacity 16 ton GVW.

Ref: A) Procurement order of Maheshtala Municipality

1) 2615/IV-A/MM/5, dated - 27/11/2017 2) 2768/IV-A/MM/5, dated - 06/12/2012

B) Letter of M/S Hyva Vide no. HYV/East/17/30111701 dated - 30/11/2017

Dear Sirs.

In accordance with the resolution of the CIC dated 05/12/2017 this is to inform you that you may furnish Bank guarantee for equivalent amount being 10% of the base value for a period of one year.

Secondly, as is done with the State government you may arrange for Agreement in Rs. 100/- N.J. stamp to be provided by you.

Yours faithfully

Chairman \
Maheshtala Municipality

Memo:

2968/1/5/IVA/MM/5

Copy forwarded for information & necessary action to

1) Vice Chairman

2) Executive Officer

3) Finance Officer (Payment shall be made from 14th FC fund)

4) O.S.D

5) S.I.(DN)

Chairman

Maheshtala Municipality

ASANSOL MUNICIPAL CORPOR

Dr. G. R. Mitra Sarani, P.o.- Asansol, Dist. Burdwan, West Bengal

t vor's Chamber : 230 2370 Chairman's Chamber : 230 9225 Dy. Mayor's Chamber 230 9479

Commissioner : 230 2491

General Off. (Asl.) : 230 2219 / 230 9476



Engg. Dept. Raniganj Office : 0341-2444825

: 230 9476

Jamuria Office : 0341-2455562 / 2455984

Kulti Office 0341-2514332

Date. 28/09/18

Ref. No. 1776/PW/E008

To The Director. State Urban Development Agency (SUDA), ILGUS Bhavan, Block-HA, Sector III, Salt Lake, Kolkata 700 106

> Subject: Submission of Utilization Certificate for SWM Phase I Project under Mission Nirmal Bangla (U)

Madam.

Memo no.

Kindly find enclosed herewith the Utilization Certificate to the tune of Rs. 1144.09 Lakh for SWM Phase I Project under Mission Nirmal Bangla (U) for Asansol Municipal

Therefore you are requested to release the balance fund of Rs. 22.62 Cr.

Enclo.: Utilization Certificate

Yours faithfully

Asansol Municipal Corpor Datecretary

Asansol Municipal Corporation

1. The Mayor, Asansol Municipal Corporation

Copy forwarded for kind information to:

2. The Commissioner, Asansol Municipal Corporation.

3. The Superintending Engineer, Asansol Municipal Corporation

Secretary

Asansol Municipal Corporation Website: www.asansolmunicipalcorporation.org, E-mail: mayor.amc@gmail.com, Fax: (0341) 230 2491.

ASANSOL MUNICIPAL CORPORAT

Dr. G. R. Mitra Sarani, P.o.- Asansol, Dist. Burdwan, West Bengal

Mayor's Chamber : 230 2370

Chairman's Chamber : 230 9225

Dy. Mayor's Chamber : 230 9479

Commissioner

: 230 2491

General Off. (Asl.) : 230 2219 / 230 9476



Engg. Dept.

: 230 9476

Ranigani Office

: 0341-2444825

Jamuria Office

0341-2455562 / 2455984

Kulti Office

: 0341-2514332

Ref. No.	***************************************	
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Date

To The Director. State Urban Development Agency (SUDA), ILGUS Bhavan, Block-HA, Sector III, Salt Lake, Kolkata 700 106

> Subject: Request for Release of Balance fund for SWM Phase I Project under Mission Nirmal Bangla under SBM (U)

Sir,

With reference to the above this is to bring to your kind notice that SWM Phase I Project under Mission Nirmal Bangla under SBM (U) for Asansol Municipal Corporation was approved with a projects cost of Rs. 34.41 Cr.

As per DPR proposed fund allocation is as follows:

Rs in Cr.
0.72
11.79
21.90
34.41

However, we are facing lots of problem to receive fund from MP's Local Area Development and HUDCO, though the procurement of vehicle as per the project has already been started & we have received only Rs. 11.79 Cr.

Hence it has been decided that the remaining fund i'e. Rs.(0.72 Cr.+Rs. 21.90 Cr)=Rs.22.62 Cr. for the project will be requested for release from the State Government.

So you are requested to kindly look into the matter toward releasing of balance fund i'e Rs. 22.62 Cr.

Yours faithfully

Asansol Municipal Corporation

Date: 08/09/18

Memo no. 1777/(5)/PD/F

Copy forwarded for kind information to:

1. The Secretary, U.D. & M.A Department, Government of West Bengal, "Poura - Prasasan Bhavan", Block DD 1, Sector 1, Salt Lake City, Bidhannagar, Kolkata - 700064

- 2. The Commissioner, Asansol Municipal Corporation.
- 3. The Secretary, Asansol Municipal Corporation.
- 4. The Superintending Engineer, Addit

5. The Finance Officer AMC

Asansol Municipal Corporation

Asansot Municipal Corporation

FORM GFR 19-A [See Rule 212(1)] FORM OF UTILISATION CERTIFICATE

1. Certified that out of total Rs. 1179.00 lakh of grants – in – aid sanctioned during the Financial year 2017-18 & 2018-19 in favour of Asansol Municipal Corporation vide Letter no. given in the margin and Rs. 11.91 Lakh Bank Interest amount for the entire period, a sum of RS. 1144.09 has been utilized for the purpose of performing the activities of Swachh Bharat Mission Project (Phase-I) and that the balance of Rs. 46.82 Lakh remaining unutilized as on 13.09.2018.

SLNo	Letter No. & Date	Amount (Rs. In Lakh)
1.	SUDA-50/2016(PtIII)/539 Dated: 03.08.2017	344.00
2.	SUDA-243/2016/1336 Dated: 19.01.2018	258.00
3.	MA/P/C-10/1G-1/2015(Pt-X)/131 dated 20.04.2018	577.00
	Total	1179.00

2. Certified that I have satisfied myself that the conditions on which the grant- in- aid was sanctioned have been duly fulfilled/ are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of check exercised.

- 1) Double Entry Cash Book
- 2) Vouchers
- 3) Contract Certificate

Signature

Designation:

Secretary

Asansol Municipal Corporation

Secretary

Asansol Municipal Corporation



Asansol Municipal Corporation Asansol :: Paschim Bardhaman NOTICE INVITING E-QUOTATION

Memo No. : 25/0 /PW/Eng/18 Date: 23/02/18

CORRIGENDUM

It is notified that the intending E-Quotation will read the following in connection with E-quation notice no. EQ-169/PW/Eng/2018 Dated 31.01.2018

- "Open Technology and that technology should exists and presently working in India or abroad " instead of "Agency should be licensed holder of Nisargruna which is developed by BARC"
- 2 "JV and MoU allowed" instead of "Bids in the form of JV and MoU are not eligible"
- Bis Submission closing (online) 05.03.2018 instead of 26.02.2018
- Bid openning date for Technical Proposal (Online) 07.03.2018 instead of 28.02.2018

Superintending Engine Asansol Municipal Corporation Superintending Engineer Asansol Municipal Corporate;

Memo No. Copy to :-

/17/PW/Eng/18

Date.

The Secretary, U.D. & M.A. Department, Government of West Bengal

- The Director, SUDA, ILGUS Bhawan, Salt lake City, Kolkata
- 3 The District Magistrate, Paschim Bardhaman.
- 4 The Sabhadhipati / Chief Executive Officer, Paschim Bardhaman Zilla Parishad, Paschim Bardhaman
- 5 The Commissioner, Asansol Municipal Corporation.
- 6 The Chief Engineer, M.E. Directorate, Bikash Bhawan, Salt Lake City, Kol-700091.
- 7 The Additional Chief Engineer, West Circle, M.E.Dte., BikashBhavan
- 8 The Chief Engineer, Asansol Municipal Corporation.
- 9 The Superintending Engineer, West Circle, M.E.Dte, Bardhaman
- 10 The Superintending Engineer, Asansol Municipal Corporation
- 11 The Media Officer, Department of Information and Cultural Affairs, Writers Buildings, Kolkata-700001.
- 12 The District Information and Cultural Officer, Paschim Bardhaman
- 13 The Executive Engineer, Asansol Division, M.E.Dte. With a request to present at the time of scheduled
- 14 The Finance Officer, Asansol Municipal Corporation
- 15 The R.O. Asansol Municipal Corporation
- 16 Notice Board.
- 17 Office Copy

Superintending Engineer Asansol Municipal Corporation



Page 1 of 1

	SATORDINE LY Vandour Sangaury eta Eratronment Par Litt		Fender Committee Secretary Asansol Municipal Corporation
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OFFICE OF THE BURDWAN MUNICIPALITY

G. T. Road, P.O. & Dist.- Burdwan. West Bengal, India-713101. Ph:-+91 0342-2662518/2664121. Fax: +91 0342 2560717.

Email: info@burdwanmunicipality.gov.in/ Website : www.burdwanmunicipality.gov.in

Memo No: - 110/8WM/x11-9

Dated: - 14.9.18

To
The Mission Director,
Mission Nirmal Bangla (Urban) / Swachh Bharat Mission (Urban).
State Urban Development Agency,
Ilgus Bhavan, H.C. Block,
Sector – III, Bidhannagar, Kolkata – 106.

Sub: - Prayer for sanction of 1 (One) Stationary Compactor (10.5 Cum. Capacity).

Sir,

This is to bring to your kind notice that the stationary compactor with Hook loader which was supplied from your end vide memo no – SUDA-/217/2015/1836, Dt.-30/12/15 and the same has been installed at Goods Shed Road under W/No 7, as a result a large no of vats have been removed from G.T.Road, Good Shed Road, District Judge Court Compound area and declared as vat less zone by using this machine.

We are also going to create another vat less area i.e Burdwan Medical College & Hospital road, Dental College area, University and College Road, for which another new compactor station has already been made by the side of Dental College and now we are in need of 1(One) Stationary compactor (10.5 Cum. Capacity) except hook loader.

Therefore, I pray to you to your kind approval so that we can purchase 1 (One) Stationary compactor (10.5 Cum. Capacity) from M/s **Hyva (India) Pvt. Ltd.** As per specification and rate (i.e Rs. 15, 36, 217/- per Unit include all taxes) as approved by you vide Memo no- SUDA-/217/2015/1836, Dt.-30/12/15 for fulfill our target for better interest of Public Health & Sanitation.

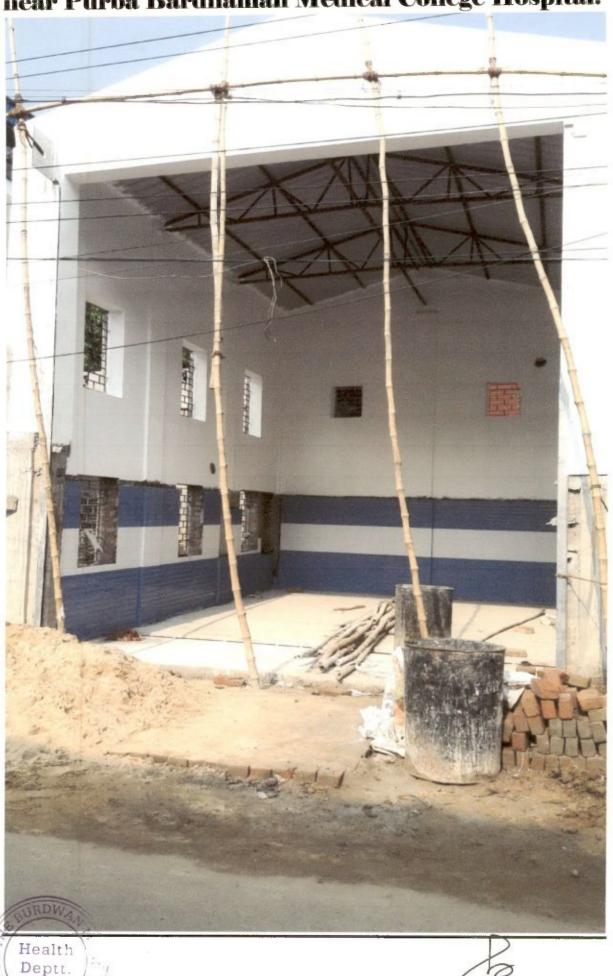
Considering its urgency your sympathetic approval in this regard is highly requested. Encloser: - Quotation of **Hyva (India) Pvt. Ltd.** Dated: - 12/09/2018

Yours faithfully

Chairman Chairman
Burdwan Municipality

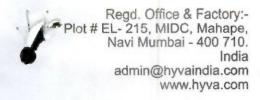


Construction of Stationary Compactor Station near Purba Bardhaman Medical College Hospital.



10 × 17

Chairman Burdwan Municipality





CIN.: U50100MH1996PTC102299 Phone: +91 (0) 22 - 6761 88 88

: +91 (0) 22 - 2763 51 85 ax : +91 (0) 22 - 2767 21 82

ax : +91 (0) 22 - 2/6/ 21 82

Ref No: HYV/East/18/57

Honourable Chairman Burdwan Municipality Dist – Burdwan 6165 (CB) 8DG 13109 [18

Date: 12th September, 2018

Sub: Proposal for Hyva Stationary / Portable Compactor of capacity 10.5 Cum

Dear Sir.

We understand that you are planning to procure one (1) no Stationary / Portable Compactor of capacity 10.5 Cum.

We agree to supply you 1 no. Stationary /Portable Compactor at the same rate at which we had supplied to your Municipality against the work order from SUDA.

Hence, our Unit Price for Stationary /Portable Compactor would be Rs. 15,36,217.00 (Rupees Fifteen Lacs Thirty Six Thousand Two Hundred Seventeen) only

Commercial Terms & Conditions :-

Price Basis

: FOR Burdwan

Delivery

: Available ex-stock at Hyva-Mumbai. Can be dispatched immediately

Validity

: Our Offer will'be valid till 31st October, 2018.

Qtv

: 1 No.

Payment Terms

i) 30% advance value of the contract price along with your Purchase Order

ii) Balance 70% value within 7 days of supply of the equipment to your Municipality

Warranty

: The equipment offered is covered by our standard warranty for a period of one year from the date of supply, against defective material and workmanship only. No consequential damages are covered in our warranty.



Regd. Office & Factory:-Plot # EL- 215, MIDC, Mahape, Navi Mumbai - 400 710. India admin@hyvaindia.com www.hyva.com



CIN: U50100MH1996PTC102299

Phone: +91 (0) 22 - 6761 88 88 : +91 (0) 22 - 2763 51 85 Fax* : +91 (0) 22 - 2767 21 82

Force Majure

: Our offer is subject to force majeure conditions and any other condition beyond our control including floods, riots strikes and any other acts of God etc which will also be applicable laterally to our major suppliers and Principals.

We hope this Quotation suits your requirement and looking forward to receive your valuable Purchase Order at an earliest.

Thanking you and assuring of our best services at all times, Yours faithfully For HYVA (India) Pvt. Ltd.

(Soumya Pal) Regional Sales Manager 93395 30422



Office Of The Burdwan Municipality

G.T. Road, Burdwan, West Bengal, India-713101 Phone: +91 0342 2662518/2664121//2662777/Fax: +91 0342 2560717 Email:info@burdwanmunicipality.gov.in|Website: www. Burdwanmunicipality.gov.in

স্মারক নং :-

দিনাংক নং :-

অদ্য ০৪/০৯/২০১৮ তারিখে বেলা ১২.০০ ঘটিকায় পৌরপতি মহাশয়ের কক্ষে অনুষ্ঠিত বর্ধমান পৌরসভার টেন্ডার কমিটির সভার কার্যবিবরণী :-

পৌরপতি মহাশয় সভাপতির আসন গ্রহন করেন।

- ১) বর্ষমান পৌরসভার অর্ন্তগত বর্ষমান মেডিক্যাল কলেজ হসপিটাল ক্যাম্পাস এ Mechanised de sludeging of Septic tanks & Septic pits E-Tender ID 2018 MAD 183247 1 & NIQ No. 1/2018 2019 2nd Call বিষয়টি বিস্তারিত ভাবে আলোচনা করা হইল এবং পৌরপতি মহাশয়ের 101/1(13)/SWM/XII 9 dated 01/09/2018 তারিখের এম.এস. শুভ চক্রবর্তী, দক্ষিণপল্লী, সোদপুর, কলকাতা ১০ এর অনুকূলে আদেশনামা টি অনুমোদিত হইল ও পরবর্তী পদক্ষেপ গ্রহন করিবার জন্য সংশ্লিষ্ট দপ্তরকে কে নির্দেশ দেওয়া হইল। (Vide Office Memo No 80/SWM/XII 9 dated 03/07/2018)
- ২) বর্ধমান পৌরসভার অর্ভগত পৌর স্বাস্থ্য কেন্দ্রে Semi Automated ELISA Reader with printer, Semi Automated ELISA washer Micropipettes supply & install করার জন্য E-Tender এর Technical Bid টি বিস্তারিত ভাবে আলোচিত হইল এবং প্রতীয়মান হয় যে Tender টি তে দুজন যোগ্যতাসম্পন্ন দরপত্রকারী অংশগ্রহন করেছেন। কিন্তু এবিষয়ে এটি 2nd Call হওয়ার দরুণ সর্বসম্মতিক্রমে Technical Bid টি অনুমোদিত হল এবং Financial Bid open করার জন্য ও পরবর্তী পদক্ষেপ গ্রহন করিবার জন্য সংশ্লিষ্ট দপ্তরকে কে নির্দেশ দেওয়া হইল। (Vide E-Tender I.D. No. 2018_MAD_176810_1)
- ৩) বর্ধমান পৌরসভার অর্ন্তগত NUHM for UPHC's & Maternity Home এর জন্য "OPD Ticket as prescribed format" ছাপানোর বিষয়টি বিস্তারিত ভাবে আলোচনা করা হইল এবং সর্বসম্মতিক্রমে

Tender করার জন্য ও পরবর্তী পদক্ষেপ গ্রহন করিবার জন্য সংশ্লিষ্ট দপ্তরকে কে নির্দেশ দেওয়া হইল। (Vide Ref. No - HFW / NUHM - 85/2017/4/39 dated - 06/08/2018)

- 8) Deltametherin 2% W/W E/W 100 Lt. for water Fogging Machine খরিদ করিবার বিষয়টি বিস্তারিত ভাবে আলোচনা করা হইল এবং বলা হইল 1st Call এ কোনো বিভার অংশ গ্রহন না করিবার জন্য 1st Call টি বাতিল করা হইল ও 2nd Call এর অনুমোদন দিয়ে পরবর্তী পদক্ষেপ গ্রহন করিবার জন্য সংশ্লিষ্ট দপ্তরকে কে নির্দেশ দেওয়া হইল।
- ৫) 2 in 1 Portable Thermal cum Cold Fogging Machine (Duel type Oil Base & Water Base) খরিদ করিবার বিষয়টি বিস্তারিত ভাবে আলোচিত হইল এবং দরপত্র আহ্বান করিবার জন্য সংশ্লিষ্ট দপ্তরকে কে নির্দেশ দেওয়া হইল।
- ৬) বর্ধমান পৌরসভার অর্ন্তগত পৌর স্টোরে 184 Kg Diflubenzuron 25 % WP supply & delivery এর জন্য Skylab Enterprise কে যে Work Order দেওয়া হইয়াছে সেই বিষয়টি বিস্তারিত ভাবে আলোচিত ও অনুমোদিত হইল এবং পরবর্তী পদক্ষেপ গ্রহন করিবার জন্য সংশ্লিষ্ট দপ্তরকে নির্দেশ দেওয়া হইল। (Office Memo No 102/1(11)/H/XII 9 dated 1/09/2018 . Ref: e-Quotation no 1/2017-18, I.D. No. 2018 MAD 154925 1
- ৭) সকল NSAP প্রাপকরা যেন সচিত্র পরিচয় পত্র পায় সেই বিষয়টি বিস্তারিত ভাবে আলোচনা করা হল এবং এই বিষয়ে দরপত্র আহ্বানের নির্দেশ দেওয়ার অনুমোদন দেওয়া হল এবং পরবর্তী পদক্ষেপ গ্রহন করিবার জন্য সংশ্লিষ্ট দপ্তরকে নির্দেশ দেওয়া হইল।
- ৮) ২৯/১২/২০১৭ তারিখের পত্রাংক 917/NULM/XII 6 ও ১১/০১/২০১৮ তারিখের পত্রাংক 944/NULM/XII 6 এই বিষয়টি বিস্তারিত ভাবে আলোচনা করা ইইল। Techno fav Shyamlal Road, RTI 31, Mithapukur এর জাতীয় সামাজিক সহায়তা প্রকল্পের উপভোক্তাদের কাছ থেকে তথ্য সংগ্রহ করার বিলটি অনুমোদিত হইল। 944/NULM/XII 6, ১১/০১/২০১৮ তারিখের পত্রাংকের উল্লেখিত অর্থ-প্রদানের অনুমোদন দেওয়া ইইল এবং পরবর্তী পদক্ষেপ গ্রহন করিবার জন্য সংশ্লিষ্ট দপ্তরকে নির্দেশ দেওয়া হইল।
- ৯) জাতীয় সামাজিক সহায়তা প্রকল্পের উপভোক্তাদের নাম MIS এ upload করার দরপত্রগুলি আলোচনা করা হইল এবং Sysco sole Management Services Pvt Ltd., Dumdum, Kolkata - 700028

কে Work Order প্রদানের বিষয়টি বিস্তারিত ভাবে আলোচিত ও অনুমোদিত হইল এবং পরবর্তী পদক্ষেপ গ্রহন করিবার জন্য সংশ্লিষ্ট দপ্তরকে নির্দেশ দেওয়া হইল।

১০) বর্ধমান পৌরসভার ৩০ নং ওয়ার্ডে পাওয়ার হাউস পাড়া ডেন্টাল কলেজের পাশে Statimary Compactor টি চালু করিবার জন্য জরুরী ভিত্তিতে একটি 10.5 Cum Stationary Compactor মেশিন খরিদ করিবার বিষয়টি সভায় আলোচিত ও অনুমোদিত হইল এবং পরবর্তী পদক্ষেপ গ্রহন করিবার জন্য সংশ্লিষ্ট দপ্তরকে নির্দেশ দেওয়া হইল।

আর কোন আলোচনা না থাকায় সবাইকে ধন্যবাদ দিয়ে সভার কাজ শেষ করা হইল।

্র পৌরপতি বর্ধমান পৌরসভা

~ आतक नः :-06/1 (13)/E/x11-6

দিনাংক নং :- 13/9/2018

প্রতিলিপি বিশেষ অবগতি এবং যথাযথ বাবস্থা গ্রহনের জন্য প্রেরিত হইল :-

- ১) উপ-পৌরপতি, বর্ধমান পৌরসভা।
- ২) পৌরপতি পরিষদ সদস্য, শ্রী খোকন দাস, বর্ধমান পৌরসভা।
-) নির্বাহী আধিকারিক, বর্ধমান পৌরসভা।
- ৪) অর্থ-আধিকারিক, বর্ধমান পৌরসভা।
- ৫) সচিব, বর্ধমান পৌরসভা।
- ৬) হিসাবরক্ষক, বর্ধমান পৌরসভা।
- ৭) এ.এফ.সি., বর্ধমান পৌরসভা।
- ৮) UIS, AMRUT, বর্ধমান পৌরসভা।
- ৯) I.T. Co-Ordinator, বর্ষমান পৌরসভা।
- ১০) গ্রী তাপস কুমার মাকড়, Manager, NULM, বর্ধমান পৌরসভা।
- ১১) Super UPHCS, বর্ধমান পৌরসভা।
- ১২) Administrator UPHCS, বর্ধমান পৌরসভা।
- ১৩) এস.আই, স্বাস্থ্য বিভাগ, বর্ধমান সৌরসভা।

াও ৭ · 18 · পৌরপতি
বর্ধমান পৌরসভা



রাজ্য নগর উগ্রয়ন 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 ন\$UDA-217/2015/417

From: Director SUDA

& State Mission Director, SBM

Commissioner/Chairperson

Municipal Corporation/Municipality/NAA

Sub: Release of funds to meet the cost of compactors to be supplied to ULBs through Central · procurement by SUDA

Madam/Sir,

Kindly refer to this Office Memo No. SUDA-217/2015/149 dated 20.01.2016 intimating you that M/S HYVA India (Pvt.) Ltd. came as the successful bidder for supply of Movable Compactors to the ULBs through a Central procurement system undertaken by SUDA and that supply orders have been issued in

M/S_HYVA India (Pvt.) Ltd. have since started supply of Movable Compactors to the ULBs. As intimated to you earlier payments towards the cost of compactor as well as that for Operation and Maintenance will be made from the end of the respective ULBs as per terms and conditions laid down under the Clause "terms of payment" in the Notice Inviting Tender. An extract copy of terms of payment is enclosed herewith for your reference and guidance.

Funds are now being released against the Central and State matching shares of the cost of compactor/s to be supplied to your ULB as per statement enclosed. The additional State share component will be released in your favour shortly. The aggregate of the Central share, matching State share and the additional State share will comprise the cost of the compactor/s as per the quotations received from the lowest bidder.

You are now requested to make payment against invoice raised by the Supplier as per norms laid down in the clause "terms of payment" and submit utilization certificate in format GFR19A to this Office in due course.

Enclo: As stated

Yours faithfully

& State Mission Director, SBM

· Account Section: 2358 6408

	The state of the s	
<	Main compactor body	Steel as per IS 2062, Gr. A
2	Refuse Ejection Barrier	Steel as per ST 52/ IS 2062, Gr. A
3	Hopper	Hardox*400 / ST-52-3
4	Packer	Hardox 400 /ST-52-3

All the above-mentioned parameters would be thoroughly checked during inspection at vendor's premises before dispatch of the Compactors.

Material Thickness:

L. Main container body

: Side plate : Min. 4 mm

: Floor plate : Min 5 mm

: Roof plate : Min 3 mm

2. Refuse Ejection Barrier

: Min. 3 mm plate

3. Hopper

: Min 3 mm plate

4. Packer

: Min 5 mm plate

Safety features & Instructions:

- Repairs / Adjustments if any to be carried only when the vehicle is stationary and if the tailgate is lifted it has to be supported by 'hopper props' that should be provided by the manufacturer.
- The vehicle with compactor body to be fixed securely while moving from place to place.
- Hoper lift rams should be fitted with integral pilot operated load holding valves so that even if a hose fails, or is removed, the hopper cannot descend unless positively powered downwards.
- An emergency push button should be provided for stopping the compaction operation in the event of any
 emergency.

Commercial Terms & Conditions:

1) Payment terms:

- a) All payments will be made by the respective Municipal Authority.
- b) 80% of contract price of Compactor after receipt of equipment/vehicles at respective Municipal garage.
- c) 10% of contract price after trial run & commissioning & training of Municipal personnel.
- d) 5% of the contract price after successful and satisfactory O&M of one year.
- e) 5% of the contract price after successful and satisfactory O&M of another two year.

N.B. – Withheld contract price for O&M i.e. 5%+5% = 10% may be considered by the authority for release receipt of bank guarantee of equivalent amount valid up to completion of O&M period.

- 2) Inspection will be done at manufacturing site of bidder (Maximum 5 persons for each delivery schedule).
- There shall be complete integrated free warranty for an initial period of 36 months.
- 4) Supply should be completed preferably within 60 days and not beyond 120 days from the date of

omain varia up to 120 days from the date of opening of

tender.

- 10) Bank Guarantee towards performance security (a) 10% of contract price of compactors to be deposited which shall be retained by respective Urban Local Body for the entire warranty period of 36 months.
- 11) List of spares & consumables for 3 years maintenance period with individual rate should be mentioned but not to be included in the offered price.
- 12) Delivery to be made to respective Municipality garage.

TERMS AND CONDITIONS FOR CONTRACTUAL OPERATION AND MAINTENANCE OF MOVABLE COMPACTOR.

- 1) The work consists of operation and maintenance of 14 cum capacity movable compactor under the Municipality.
- 2) All preventive and breakdown maintenance of Compactors to be done by agency.
- 3) All the types of Garbage (Solid Waste) loaded in the container as well as Trash Bin are to be emptied and compacted with the help of movable compactor placed at the site from 6 a.m. to 6 p.m. on every day including Sundays. & Holidays. However duty hours may be changed as per requirement of the Municipality.
- 4) Loaded compactor to be carried & to be unloaded at dumping ground and to return back to work site to start the next cycle of operation.
- 5) The agency will be responsible for taking care of the total equipment installed in the Garbage Collection point throughout the day & night (if required).
- 6) If any Movable Compactor is not outshedded or outshedding is delayed causing hampering of daily conservency service because of technical fault of Movable Compactor or due to shortage / non availability of driver / mechanic / spare parts, penalty of Rs.10,000/- per Movable Compactor per day will be deducted from the bill of agency. However, two days in a fortnight may be allowed as non-operational for periodical maintenance subject to maintaining minimum 315 days in a year.
- 7) Preventive maintenance can be done once in a month with prior approval of the Municipality Preventive maintenance of each vehicle/equipment in turn will be done by the agency for which no deduction of payment will be made and agency will clear the backlog work for that day by doing extra time only for which no payment will be made by the Municipality.
- 8) Normal security of the equipment or vehicle will be maintained by the agency during operation
- 9) The successful agency will have to comply with all applicable statutory obligations relating to i) the machine and also for ii) deployment of labour applicable in the Municipality.
- 10) Daily/Weekly/Monthly routine check-ups, periodic preventive maintenance and break down maintenance / repairing works, servicing, greasing etc. will be done by the agency.
- 11) All spares & consumables shall be supplied by agency.

· For procurement of 1stationary Compactor under SBM

SI. No.	100000	Amount (în Rs.)	Name of the Bank	Branch Name.	. Account No.	IFS Code
1	Baranagar Municipality	12,69,908.00	HDFC Bank Ltd.	Cossipore	50100129073682	HDFC000448
2	Bhatpara Municipality	12,69,908.00	Axis Bank Ltd.	Naihati	915010065336274	UTI80001031
3	South Dum Dum Municipality	12,69,908.00	Axis Bank Ltd.	Dum Dum	915010064302203	UTI80000284
4	Ulubena Municipality	12,69,908.00	Axis Bank Ltd.	Uluberia	915010044601805	UTI80002617
6	Burgwan Municipality	12,64,100.00	Bank of India	Burdwan	420110210000054	BKID0004201
6	Barasat Municipality	12,69,908.00	Axis Bank Ltd.	Nabapally	915010048148823	UTI80000021
7	Kamarhati Municipality	12,69,908.00	Axis Bank Ltd.	Dakshineswar	918010005808181	UTIS0001507
8	Naihati Municipality	12,69,908.00	Central Bank of India	Naihati	3510559138	CSIN0281649
9	North Dum Dum Municipality	12,69,908.00	ICICI Bank Ltd.	Tegharia VIP Road	037101006293	ICICGG003
10	Asansol Municipal Corporation	16,73,759.00	Axis Bank Ltd.	Asansol	916010002415919	UT/80000150
11	Durgapur Municipal Corporation	16,73,759.00	Canara Bank	Bidhannagar, Durgapur	6054132000012	CNR60006054
12	Siliguri Municipal Corporation	18,49,956.00	Bank of Baroda	Siliguri	07800100016822	BARBOSILIGU
13	Bidhannagar Municipal Corporation	16,80,466.00	Bandhan Bank Ltd.	Sait Lake, Sector-III	50160001948852	BDBL0001598
14	Maheshrala Municipality	12,59,908.00	Axis Bank Ltd.	Maheshtala	216010009835147	UTiB6000439
5	Chandernagore Municipal Corporation	. 12,69,908.00	ICICI Bank Ltd.	Chandannagar	040501004365	10100000405
6	Panihati Municipality	12,69,908.00	ID3I Bank	Sodepur	1.113104000070504	IBKL0001148
17	Rajpur Sonarpur Municipality	12,69,908.00	United Bank of India	Harinavi	2105010046330	UTBIOHRNQ36



রাজ্য নগর উন্নয়ন সংস্থা STATE URBAN DEVELOPMENT AGENCY



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

ক্রমিক নং ____ SUDA-217/2015/1836

December, 2015

Cram

Director, SUDA

To

M/s. HYVA (India) Pvt. Ltd., Plot - EL-215, MIDC, Mahape,

Navi Mumbai, PIN-400710

ACCEPTANCE CUM WORK ORDER

Sub: Letter of acceptance cum Work Order for Supply of 22 Nos. 10.5 cum Stationery/Portable Compactors and 18 nos. Prime movers to different ULBs of 24 prgs. (N), 24 prgs (S), Hooghly, Howrah, Burdwan and Darjeeling Districts and operation and maintenance of those Compactors and Prime Movers for 3 years

Ref: L. e-Tender No. WBMAD/SUDA/DIR/NIT-3(e)/R/2015-16 (2nd call) and Circulation Memo No. SUDA-217/2015/1530 dt. 06.11.2015 and addendums thereto

2. Your Technical and Financial bid submission No. HYV/KOL/15/83 dt. 27.11.2015

Sirs,

With reference to the above subject and the e-tender bids submitted, this is to inform you that your quotation for the above supply has been accepted by the undersigned for procurement of 22 Nos. 10.5 cum Stationery/Portable Compactors and 18 nos. prime movers and O & M for 3 years for both stationary compactors and hook loaders. The undersigned is pleased to place order for manufacture and supply of the aforesaid compactors containers and prime movers chassis mounted hookloaders for Zone- I, II and III as per enclosed statement at your offered costs mentioned against each item of work inclusive of all taxes & duties, freight, final registration, comprehensive insurance, trial run & training.

You are hereby requested to please execute a formal agreement with the undersigned within fifteen (15) days from the date of issue of this letter of Acceptance cum Work Order in triplicate. You are also requested to submit the balance Earnest Money as per the terms and condition mentioned in the tender format to this office within fifteen (15) days failing which this Work Order will be treated as cancelled. The date of commencement of supply will be reckoned from the date of receipt of this letter and supply shall be completed within stipulated timeframe as mentioned in the e-NIT.

The work will have to be executed as per scope of work and terms and conditions in the NIT and as stipulated below:

- 1. You have to deliver the Compactors to the garage of the respective Municipalities as per list mentioned in the e-tender.
- 2. You have to carry out the entire work as per scope of work and terms and conditions mentioned in the e-tender.
- 3. You have to complete the work preferably within 60 days but not beyond 120 days.
- You are requested to treat this as our firm order and execute the same as mentioned above and in accordance with the
 detailed scope of work, specification and terms of e-tender.
- 5. You have to submit invoices for payment to the respective Municipalities and payments will be made there from.
- Statutory deductions from the bill will be made as per rules.
- 7. No Service Tax will be provided by the ULBs
- 8. There shall be no provision of Arbitration.
- 9. Payment terms: as per commercial terms and conditions of c-tender.
- Delay fine: 0.3% Penalty for delay beyond contract delivery period will be charged on pro-rata basis for the number of days of delay on undelivered quantity.

Yours faithfully.

Director

State Urban Development Agency (SUDA)

Account Section: 2358 6408

Statement of Accepted costs of supply of 22 nos. of Stationary / Potable Compactors and 18 nos. of Prime Mover Chassis Mounted Hook Loader

(Enclosure of Letter of Acceptance cum Work Order to M/S HYVA (India) Pvt. Ltd., Plot - EL-215, MIDC, Mahape, Navi Mumbai, PIN-400710 - No. SUDA-217/2015/1836 dated 30.12.2015)

79	03	N	U.	B.
die	1	2.4.	El-m	B.

SI	1 Items	Nos.	Unit price (Rs.)	Fotal Amount (Rs.)
1	a. Supply, delivery at site 14 nos. 10.5 cum Stationery/Portable Compactor Container for the Urban Local Bodies of North 24 Parganas, South 24 Parganas, Hooghly and Huwrah Districts including successful training, commissioning and trial run.	1.4	. 15,39,590	215,54,260
2	 Operation and maintenance of the Compactors as stated against sl. No. 1. a. for a period of three years. 	1.4	16,44,384	230,21,376
- 110	a. Supply, delivery at site 13 nos. Prime Mover chassis mounted hook loader capable of lifting portable compactor of capacity 10.5 cum. for the Urban Local Bodies of North 24 Parganas, South 24 Parganas, Hooghly and Howrah Districts including successful training, commissioning and trial run.	13	32,22,363	418,93,319
į	b. Operation and Maintenance of the Prime Movers as stated against sl. No. 3. a. for a period of three years.	13	18,68,369	242,88,797
	TOTAL AMOUNT OF ZONE-I			11,07,57,752

(RUPEES ELEVEN CRORE SEVEN LAKH FIFTY-SEVEN THOUSAND SEVEN HUNDRED FIFTY TWO ONLY)

ZONE-II

SI	. Items	Nos.	Unit price (Rs.)	Total Amount (Rs.)
1	a. Supply, delivery at site 5 nos. 10.5 cum Stationery/Portable Compactor Container for the Urban Local Bodies of Burdwan District including successful training, commissioning and trial run.	5	(15,36,217	76,81,085
2	b. Operation and maintenance of the Compactors as stated against sl. No. 1. a. for a period of three years.	5	18,44,595	92,22,975
3	a. Supply, delivery at site 3 nos. Prime Mover, chassis mounted hook loader capable of lifting portable compactor of capacity 10.5 cum. for the Urban Local Bodies of Burdwan District including successful training, commissioning and trial run.	-	32,04,162	96,12,486
4	b. Operation and Maintenance of the Prime Movers as stated against sl. No. 3. a. for a period of three years.	3	26,97,849	80,93,547
	TOTAL AMOUNT OF ZONE-II			3,46,10,093

(RUPEES THREE CRORE FOURTRY-SIX LAKH TEN THOUSAND NINTY-THREE ONLY)

W Cholingar

State Urban Development Agency

OFFICE OF THE BURDWAN MUNICIPALITY

Memo No. 110/SWM 74-9

Date. 14.9.18

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Wission Nimual Bangla (intam)

Sudd. Histor Brawall H.C. Block

Seeton III Bidhan upper, Kolkata 106.

B.K. Pal

Kolkata Metropolitan Development Authority

Dated:-16.08.2018

BO (BNX)

To The Chairman, Naihati Municipality

Sub: - Land for construction of SLF for the SWM project.

50

Ref: - 1) 65/KMDA/S&SWM/W&S/W-63/17 dated 26.02.2018

2) 197/KMDA/S&SWM/W&S/W-63/17 dated 25.06.2018

evelopme

Sir,

No: -

It is to inform that a site visit was held on 23.11.2017 by the Chief Executive Officer, KMDA along with the Director General, W&S Sector, KMDA, the undersigned, your good self & the official from KMDA & municipality. After looking at the site the Chief Executive Officer, KMDA highlighted that for setting up of Sanitary Land Fill under your municipality an alternate land is required to be handed over to KMDA, as the present parcel of land identified by you comprise of large water body. As per the MSW Guide Line laid by the CPCB/WBPCB the landfill site must be away from water body.

Subsequently a meeting was held on 25.04.2018 at 1.00 P.M. in the conference room of KMDA, chaired by the Chief Executive Officer, KMDA where all officials of KMDA & ULB were present. As the present parcel of land identified by the ULB comprised with large water body, it was decided in the meeting to inform West Bengal Pollution Control Board (WBPCB) to inspect the site & put up report as the NOC is to be obtained from WBPCB prior to start of the work.

The site was inspected by the officials of WBPCB & KMDA on 25.05.2018 & a report was forwarded by the Chief Engineer, Waste Management Cell, WBPCB (Department of Environment, GoWB) which was sent to your office vide reference SI no-2 with a request to select a suitable land for construction of Sanitary Land Fill under Naihati Municipality. No such communication has yet been made from your office till date.

I am directed to request your good self to take necessary action regarding the site for completion of the project please.

Yours faithfully,

Chief Engineer-in-charge S&SWM, W&S Sector, KMDA

Dated:-16.08.2018

No: - 257 '/1(3) /KMDA/S&SWM/W&S/W-63/17 Copy forwarded to:-

1. The Chief Executive Officer, KMDA for favour of his kind information please.

The Director, SUDA & State Mission Director, MNB (U), ILGUS Bhavan-C Block, Sector-III, Bidhannagar, Kolkata-700106

- 3. The Director General, W&S Sector, KMDA.
- The Joint Secretary (Works), KMDA
- 5. The Superintending Engineer, Planning Circle, S&SWM, W&S Sector, KMDA with a request to visit the Municipality along with the consultant for finalization of the issue.

Chief Engineer-in-charge S&SWM, W&S Sector, KMDA

dated-16.08.2018

ropolitan Development

To The Chairman Halisahar Municipality.

Sub: - Identification of land for Solid Waste Management Project under Halisahar Municipality.

Ref: -1) No-Nil dated-13.02.2018 of Environmental Engineering Services- Agency entrusted with the work of preparation of DPR for Solid Waste management project under Halisahar Municipality.

- 2) TO Memo No-67/1/4/KMDA/S&SWM/W&S/W-87/18 dated-26.02.2018
- 3) TO Memo No-89/1/4/KMDA/S&SWM/W&S/W-87/18 dated-16.03.2018
- 4) TO Memo No-192/1/4/KMDA/S&SWM/W&S/W-87/18 dated-11.06.2018

Sir,

Initially a land was shown from your end to the consultant engaged for preparation of DPR for Scientific Municipal Solid Waste Management System under Halisahar Municipality.

The land was visited by the consultant along with the officials of KMDA & the ULB where few observations as under were communicated to your officials at site & through several correspondences by the undersigned.

- 1. There is habitation all around the boundary of the site.
- 2. There is existence of 2 nos of pond inside the proposed site.
- 3. The entrance & exit road of the site is very narrow which will restrict movement of waste management vehicles.
- 4. Municipality is planning to construct an Under Ground Clear Water Reservoir in the same proposed site.

It was also informed that it will be difficult to obtain environmental clearance as per MSW rule 2016 laid by CPCB/WBPCB. The consultant suggested the municipality to arrange for another suitable land for the SWM facility under your municipality & the municipal officials informed in the said visit that they will search for another land & intimate soon which is still pending from your end.

I am to inform that we have already completed waste quantification & characterization survey. But due to finalization of suitable land from your end the DPR along with design could not be finalized & sent for approval.

As this is a long pending issue, I would request your good self to look into the matter & may please be dealt with top priority basis.

Thanking you,

Yours faithfully,

501-Chief Engineer-in-charge S&SWM, W&S Sector, KMDA dated-16.08.2018

No: 258/1/5/KMDA/S&SWM/W&S/W-87/18 Copy forwarded to:-

- The Chief Executive Officer, KMDA for favour of his kind information please.
- The Director, SUDA & State Mission Director, MNB (U), ILGUS Bhavan-C Block, Sector-III, Bidhannagar, Kolkata-700106
 - 3. The Director General, W&S Sector, KMDA.
 - 4. The Joint Secretary (Works), KMDA
 - 5. The Superintending Engineer, Planning Circle, S&SWM, W&S Sector, KMDA with a request to finalize the issue with the ULB please.

Chief Engineer-in-charge S&SWM, W&S Sector, KMDA

suscider





REGENVED 0 6 AUG 2018

Japan International Cooperation Agency

JICA (ID) 30 - 46 A

3/VIII/2018.

Mr. Subrata Gupta, IAS. Principal Secretary, Municipal Affairs and Urban Development Departments Govt. of West Bengal, PouraBhavan, Bidhannagar

Sub: Kolkata Solid Waste Management Improvement Project (ID-P-175)

Dear Mr. Gupta,

As you are aware, that the captioned project has been implemented in 6 municipalities of Hooghly through the financial support from JICA. The project which was launched in 2007 has been completed and all facilities including Transfer Stations (TS), Compost Plants (CP), Sanitary Landfill site, equipment and vehicles have been handed over to the municipalities concerned by KMDA, as per the stipulations of the MoU signed between the concerned Urban Local Bodies (ULBs) and KMDA.

JICA has had regular communication with KMDA as the nodal agency for the project. JICA had also been in regular touch with the Principal Secretary of UD, who was also the Chairman of the Steering Committee of the Project.

Now that the entire system is in the hands of the municipalities, JICA observes that there are certain problems, particularly in respect of the sustainability of the project, which most urgently require your intervention and support.

In order to support the municipalities, JICA has provided Technical Assistance to the municipalities and appointed a JICA Project Team (JPT) with both Japanese and Indian experts. JPT has been in regular touch with KMDA for implementation of Technical Assistance and social mobilization programs in the municipalities. The JPT observed that it is imperative to have regular coordination with the MA Department with a view to soliciting support and directives from the MA Department.

JPT strongly feels that there are certain issues which MA Department alone can deal with and resolve by extending support as well as by issuing appropriate directives to the municipalities.

Under these circumstances JICA proposes to have a meeting with you during the upcoming visit of JICA representatives to Kolkata for a review of the status of the project from August 8 to 9, 2018. We

request you to kindly spare some time to meet with the Mission on 9th August, at 2:30 pm in your office and offer your advice in respect of the following:

- Monitoring by state government: JICA would like to suggest to form a committee involving
 the KMDA, District Administration, Pollution Control Board and M.A department official for
 monitoring performance of ULBs in terms SWM services. The committee can also look into
 the issues faced by municipalities like shortage of manpower, carrying out segregated
 primary collection and secondary transportation to TS/CP etc.
- Financial support for Sustainability of SWM system for replenishment of old and damaged primary collection and secondary transportation equipment, operation and maintenance of the TS/CP, and RWMC.

We hope that considering the gravity of the issues referred to above, you will kindly give JICA Mission an appointment on the day and time stated above

Thanking you

Yours faithfully,

Takayosh Tange Senior Representative

Cc: Mr. A.K.Mishra, Director, DEA, MoF, New Delhi

Mr. Avanindra Singh, CEO, KMDA, Kolkata

Mr. Kyosuke Inada, Sr. Director, SAD-1, South Asia Department, JICA Headquarter.

Br. Secy 2018 1069 85 0 রাজ্য নগর উন্নয়ন সংস্থা STATE URBAN DEV

ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর



NT AGENCY ০০ ১০৬, পশ্চিমবঙ্গ

700 106, West Bengal

SUDA-11/2018/ 673 (13)

SOVERNIL GUS BHAVAN", H-C Block, Section

Contents not

From : Director, SUDA and State Mission Dector, MNB(U)

To :

1. The Chairman, Bankura/Purulia/Coochbehar/Burdwan/Arambag/Raghunathpur/ Kharagpur/Panihati/ N Kanchrapara/Baruipur/Garulia Municipality

2. The Commissioner, Asansol/Durgapur Municipal Corporation

Sub.: Approval of Integrated Municipal Solid Waste Management Project for your ULB. under Swachh Bharat Mission (U)/Mission Nirmal Bangla (U) - Regd.

Sir,

With reference to above, the Detailed Project Report (DPR) for Municipal Solid Waste Management of your City, under Swachh Bharat Mission (U)/Mission Nirmal Bangla (U), has already been approved by the State High Powered Committee, under Mission Nirmal Bangla (U) and subsequently by the Government of India. Modalities for sanctioning the grants from Government of India and state Government is under process.

In this connection it has been decided that the procurement of SWM vehicles and equipments will be done centrally from SUDA and construction of the Compost Plant/Bio-Gas Plant and SLF will be executed either by KMDA for ULBs in KMA area and ME Dte. in collaboration with the ULBs in non-KMA area. The ULB-contribution having above 10 lakh population is 10% of the Project cost and for other ULBs the contribution is 5% of the Project cost.

Yours faithfully,

SUDA -11/2018/ /1(4)

11.07.2018

Copy forwarded for kind information to:

1. The PS to the Hon'ble MIC, UD & MA Dept., Govt. of West Bengal

The Sr. PS to the Principal Secretary, UD & MA Department, Govt. of West Bengal

3. The CEO, KMDA

4. The CE, ME Dte., Govt. of West Bengal

Account Section: 2358 6408

Br. Secy UD & 1801 16/7/18



Date: 4th July 2018

Ref: SWEPL/UDMAD/PS/07/18/01

Dr. Subrata Gupta, IAS, Principal Secretary, Urban Development and Municipal Affairs Department, Govt. of West Bengal. Nagarayan, Sector-I, Block-DF-8 Bidhan Nagar. Kolkata - 700 064

DEPARTMENT OF URBAN DEVELOPMENT AND MUNICIPAL AFFAIRS GOVT, OF W.B.

Subject: Howrah Municipal Corporation - Waste to Energy project

Respected Sir,

Kindly accept my gratitude to you and your team for sparing your valuable time on the above subject matter on date in your good offices. As advised I will be meeting tomorrow Mr. Arun Kumar Chakravarty DG KMDA once again to discuss their issues in this area and perhaps provide an island solution.

As already informed the Short DPR related to Howrah W2E project is completed and handed over to Siemens for their technical and commercial review, once we receive their clearance we will immediately submit the report with a short note indication the next course of action from our end and what assistance we would need from your honorable office.

I will be leaving for Germany on 09.07.2018 to return on 18.07.2018, for any queries I remain at your services.

With this I conclude wishing you and your family very best of health and contentedness.

With kind regards

Yours Sincerely,

Managing Director

498-301 SIU/VII/2018

Reg. Office:

64/1/47A Khudiram Bose Sarani, Kolkata - 700 037, W.B. India, Tel: +91 2556 7564

Corporate Office:

Block CJ-157, Sector-II, Salt Lake, Kolkata-700 091 W.B., India, Tel: +91 033 2358 6544 / 2334 6545 Fax: +91 033 2334 6546, Mobile: +91 90514 11772 (India), +49 176 4139 5644 (Germany)

Email: d.mukherjee@fealh.com





ANCHRAPARA MUNICIPALITY

enin Sarani (East), Kanchrapara

North 24 Parganas None: 2585 9391; Fax: 2585 8247

E-Mail: kempara@yahoo.com, website: kanchraparamunicipality.org

तिसंल वाश्ला जामारम्ब शिंख्या जामारम्ब शिंख्या

Memo No.

Sri Sudama Roy,

Chairman, Kanchrapara

To.

The Chief Engineer,

Waste Management Cell,

West Bengal Pollution Control Board, 10A, Block-LA, Sector-III, Salt Lake,

Kolkata-700098.

Pated, Kanchrapara, 14th June, 2018.

4386

2 0 JUN 2018

13. N.

Sub: Direction from CPCB regarding management of Solid Waste.

Ref: Your Letter No-141(111)/1S-214/2012(Pt.-II) dt.23.05.2018.

Sir,

In reference to the above this is to inform you that Kolkata Metropolitan Development Authority (KMDA) has already prepared Detailed Project Report (DPR) to set up Scientific Solid Waste Management with Landfill site for Kanchrapara Municipality and submit to State Urban Development Agency (SUDA) for necessary approval by vide Memo No-493/KMDA/SD &SWM/10 dt.18.12.2018.

It is expected that KMDA will follow the guideline of CPCB at the time of preparation of DPR & accordingly Scientific Solid Waste Management with Landfill site will be constructed.

This is for your information please.

Thanking You,

Yours faithfully,

(Sudama Roy)

Chairman

Kanchrapara Municipality

Memo No. 951/1(2)

Dated, Kanchrapara, 14th June, 2018.

Copy forwarded for information and request for necessary action to:

1. Chief Engineer-in-Charge, S&SWM, W&S Sector, KMDA, Unnayan Bhavan, Salt Lake city, Kolkata-700 091.

2. Director, SUDA, ILGUS BHAVAN, H-C Block, Sector-III, Bidhannagar, Kolkata-700 106.

(Sauda Roy keyblys Chalman an Kanchapaly Manicipality 61-5061 chairman garulia@re

secy up 2 m B

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 DULAL KUMAR DAS

Executive OfficerGarulia Municipality

Memo No. 732

5 APR 2018

BN. Noe?

Date: 29-03-2018

To
The Secretary
Urban Development & Municipal Affairs Department
"Nagarayan"
DF - 8, Sector - I, Salt Lake
Vallata 700064

Kolkata - 700064

Sub: Route Chart for Movable Compactors of Garulia Municipality and circulated Whatsapp No.

Respected Sir,

Enclosed please find herewith the filled up proforma as desired by you is sending for your perusal and necessary action.

Thanking you,

Yours faithfully,

Executive Officer Garulia Municipality

~ 29/3/18

Executive Officer Garulia Municipality

Enclo: As stated above







Kolkata Metropolitan Development Authority

Memo No:

/KMDA/S&SWM/SE (Plng)/ W-16

Dated: 14.06.2018

From: SE (Planning), S&SWM, WS Sector, KMDA

Unnayan Bhavan, Salt Lake, Kolkata-91

To:

The Chairman Khardah Municipality B T Road, North 24-Parganas

B.N. KOES GE(BVP) Sub: Current status of shifting of dumped waste from the proposed site for Construction of SWM facilities for Khardah Municipality.

Sir,

You are aware that a joint site visit was made on 11.05.18 at the Khardah Municipality dumpsite by Khardah Municipality Officials, KMDA Officials and the Consultant for preparation of a DPR for setting up of an integrated SWM Project. The proposed land is currently being used for disposal of solid waste by the Municipality and almost filled with huge quantity of solid waste. There is no enough space available for construction of new SWM facility. Therefore it was decided that if new SWM facility is to be constructed on this land then this already dumped waste need to be shifted from this location. Municipality Officials had given us verbal assurance that they will make necessary arrangements for such removal of existing solid waste and hand over the drawing of the proposed site under the possession of the Municipal Authority shortly.

I will be obliged if you kindly give us the current status of waste shifting from the selected site. If it is not possible at all to remove the waste then I am requesting you to kindly arrange for a separate land of 6 to 7 Acre for the SWM project please.

Thanking you,

Yours Sincerely,

SE (Planning Circle) S&SWM, W&S Sector, KMDA

Memo No: 24/KMDA/S&SWM/SE (Plng)/W-164

Dated: 14.06.2018

Copy forwarded for kind information to:

The Director, SUDA, ILGUS Bhavan, Salt Lake.

2. The Chief Engineer(In-charge), S&SWM, W&S, KMDA

SE (Planning Circle) S&SWM, W&S Sector, KMDA

PLD 3832

Government of West Bengal
Office of the District Magistrate & Collector, Hooghly(M.A. Section)

Memo.No. 60 /M.A.

From : The Addl.District Magistrate (Dev). Hooghly.

To The Mayor,

Chandannagar Municipal Corporation, Chandannagore. Hooghly-712136.

Dated, Chinsurah the 8 6 /2018

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25 JUN 2 18

RECEIVED

CHANDERNAGURE

Sub: Pesrmission for dumping Municipal Solid Waste by the Chandannagore Municipal Corporation(CMC)as a stop gap agreement.

Ref: Your Memo.No.CMC/SWM/Misc./2018/02 Dated 19.4.2018 & This office Memo.No.50/MA dt.4-5-2018.

Sir,

In enclosing the copy of letter bearing Memo.No.195/KMDA/SD&SWM/W-60/17 dt.13-06-18 in response to this office Memo.No.50/M.A. dt.4-5-2018,I am to request you to kindly confirm the conditions stated in last paragraph of the letter and take necessary action. A time like of sending DPR may be fixed and informed to all of us.

Yours faithfully,

du 5/6/18

ADDI. District Magistrate (Dev)

ed. 18-6-18

meme. No. 60/5/MA Copy forwarded for information to:

1) The Chief Executive Officer, KMDA.

2) The Commissioner, Chandannagore Municipal Corporation. Hooghly.

3) The Sub Divisional officer, Chandannagore, Hooghly.

4) The Chairman, Baidyabati Municipalility, Hooghly.

5) C.A. to D.M., Hooghly.

Level Addl. District Magistrate (Dev)
Hooghly

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TO THE

Jospan Range Man Mary Rease Mary

The may be referred to HO, EME.

Submitted to HO, EME.

27/04/1

UD/00/2018/06408 Pr. Secy/UD 2 MA

HELP LINE: 12666

a 033 { 2685 4907 / 2683 2562 (Office) 2682 4601 (Residence)

FAX: 2683 5068

E-mail: chandernagorecorporation@yahoo.co.in Website: www.chandernagorecorporation.co.in

Chandernagore Municipal Corporation, 712136

From : Ram Chakrabortty 3M/2018/ 20 Mayor

Dated:28.06.2018

TO,
The Chief Executive Officer, K.M.D.A.
Unnayan Bhavan, DJ Block, Sector-2,
Salt Lake City, Kolkata,
West Bengal, 700 091

Sub: Permission for dumping Municipal Solid Waste in Dirghangi Dumping Ground.

Respected Sir,

Apropos the above subject, you are hereby intimated regarding the scenario of Solid Waste management under Chandernagore Municipal Corporation with respect to the inadequacy of the site of our existing dumping Ground of Kalupukur and occurrence of fires and emission of poisonous methane gas as a consequence.

We have already intimated these issues to Chairman of baidyabati & Uttarpara Municipality vide letters cited in reference. A copy of each letter has been annexed herewith for your kind reference.

Further, you are apprised of the fact that CMC has already taken up the proposal of Augmenting & Revitalizing its existing infrastructure for Solid Waste management at Kalupukur in collaboration with KMDA. We have already been intimated to go ahead with the DPR for the Augmentation proposal temporarily considering the RWMC site for land fill vide letter No.468/KMDA/S&SWM/W7S/W-60/17,dated 29.11.2017.

In view of above, I earnestly request you to kindly make arrangements to allow us to dump primarily 600 trucks of waste generated under CMC to the Regional Waste Management Centre(RWMC), Dirghangi under Baidyabati Municipality, till we execute our own Solid Waste management Plant with landfill site.

The aforesaid proposal is not a permanent solution but shall help in addressing the Solid Waste management issue for the time being. I shall be obliged if you look into the matter at your earliest convenience.

Thanking you,

Yours faithfully,

Sd/-

Mayor

Chandernagore Municipal Corporation

Copy forwarded for information to:-

1. The Secretary, Municipal Affairs Deptt., Govt. of West Bengal

2. The Chairman, Baidyabati Municipality

3. The Chairman, Uttarpara Katrung Municipality



Mayor

Chandernagore Municipal Corporation

Kolkata Metropolitan Development Authority

Dated:-29.11.2017

No: -168 KODA | SESWED | WES | W-60 | 17

To

The Commissioner Chandernagore Municipal Corporation Marie Park, P.O. Chandernagore Hooghly-712136, W.B.



2. Amount
Sir.

Sub: - Implementation of Proposal for revitalization of the existing Compost Plant at Kalupukur- A SWM Project.

Ref: - your no-CMC/SWM/Misc/2017/05 dated-20.11.2017

Reference to the above, it is to inform that a discussion regarding Solid Waste Management Project at Chandernagore was held in the chamber of the Chief Executive Officer, KMDA on 16.08.2017 where representatives from Chandernagore Municipal Corporation were present.

desire to prepare DPR from your end & for which you have already engaged consultant for the same. Subsequently it was informed to your representatives to submit the DPR as early as possible considering construction of Compost Plant at Kalupukur, Ward No-8 & a new land of 6-10 Acre is to be identified for Scientific Sanitary Land fill other that this present area of dumping. The RWMC at Baidyabati can be used for disposal of segregated Solid Waste for the time being till construction of new Scientific Sanitary Land fill is taken up from your end. This may be treated purely as temporary arrangement for disposal of segregated Solid Waste.

It may be informed that the present area of dumping at Kalupukur may not be suitable for construction of Scientific Sanitary Land fill as it is very near to the ROB for which obtaining of NOC from West Bengal Pollution Control Board might be a problem.

Yours faithfully,

Chief Engineer-in-charge S&SWM, W&S Sector, KMDA.

No: -

Copy forwarded to:-

Dated:-29.11.2017

- 1. The Chief Executive Officer, KMOA for favour of his kind information please.
- 2. The Director General, W&S Sector KMDA for favour of his kind information please.
- 3. The Superintending Engineer, Planning Circle, S&SWM, W&S Sector, KMDA.

Mept in respective file.

Chief Engineer-in-charge S&SWM, W&S Sector, KMDA.

HELP LINE: 12666

DIAL: 2683 5297 / 2562 / 6706

FAX: 2683 5068

E-mail: chandernagorecorporation@yahoo.co.in

Website: www.chandernagore.org

CHANDERNAGORE MUNICIPAL CORPORATION, WEST BENGAL (INDIA) PIN - 712 136

Memo No: CMC/SWM7Misc/2018/01

Dated: 26.02,2018

From:

The Mayor

Chandernagore Municipal Corporation.

Marie Park, P.O. Chandernagore Hooghly - 712136, West Bengal.

To:

The Chairman

Baldyabati Municipality,

Satyajit Roy Bhawan, P.O. Sheoraphuli.

Dist - Hooghly, West Bengal.

Sub: Permission for dumping Municipal Solid Waste in Dirghangi Dumping Ground. Ref. Letter of this authority vide memo no CMC/SWM/Misc/2017/07 dated: 27.12.2017.

Respected Sir.

have alraedy apprised of the fact that CMC has taken up the array of the fact that CMC has taken up the array of the fact that CMC has taken up the array of the fact that CMC has taken up the array of the fact that continue to pprised of the fact that CMC has taken up the proposal of Augmenting & Revitalizing Its existing infrastructure for Solid Waste Management at Kalupukur in collaboration with KMDA. We have initiated the preparation of DPR for the Augmentation proposal temporarily considering the RWMC site for land fill as per Intimation from KMDA vide letter no 468/KMDA/S&SWM/W7S/W-60/17 dated

In view of above, I request you to allow us to dump primarily 600 trucks of waste generated under CMC to the Regional Waste Management Centre(RWMC), Dirghangi under Baidyabati Municipality, till we execute our own Solid Waste Management Plant with landfill site.

The aforesaid proposal is not a permanent solution but shall help in addressing the Solid Waste Management issue for the time being. I shall be obliged it you look into the matter at your earliest

Thanking You,

Yours faithfully,

Chandernagore Municipal Corp

Mayor

Chandemagore

Municipal Corporation Dated: 26.02.2018

Memo No: CMC/SWM/Misc/2018/01(i)

Copy forwarded for kind information to:

The Chairman, Uttarpara Kotrung Municipality.

Chandenagore Munic

Mayor Chandemagore Municipal Corporation

UD 100/2018/06329 B. Secy 5 UD & MA 17/7/18 Government of West Bengal Department of Urban Development and Municipal Affairs

"NAGARAYAN", DF-8, Sector-I, Salt Lake, Kolkata-700064

No. 2051(3)-UD/O/M/HID/2A-24/2016

Dated: 09.07.2018.

From: The Joint Secretary to the Government of West Bengal.

To: i) The Commissioner, Kolkata Municipal Corporation.

ii) The Joint Managing Director, West Bengal Housing Infrastructure Development Corporation Ltd. (A Govt. of West Bengal Undertaking) "HIDCO BHABAN", Premises No. 35, 1111, Major Arterial Road, New Town, Kolkata - 700 156.

iii) The Director, State Urban Development Agency (SUDA).

Minutes of the Meeting on Solid Waste Management Project in Mouza-Chhapna in Sub: Plot No. III D/6 in New town, Kolkata, Held on 10.4.2018.

Sir,

With reference to above, I am directed to send herewith a copy of the minutes of the meeting on Solid Waste Management Project in Mouza-Chhapna in Plot No. III D/6 in New Town, Kolkata, held on 10.4.2018 for information.

Enclo: As stated.

Yours faithfully,

Sd/-

Joint Secretary to the Government of West Bengal.

No. 2051(3)/1(2)-UD/O/M/HID/2A-24/2016

Dated: 09.07.2018.

Copy with a copy of the minutes of the said meeting forwarded for information to:-

1) The O.S.D to Hon'ble Minister-in-Charge of this Department.

2) P.S. to the Principal Secretary of this Department.

Joint Secretary to the Government of West Bengal

C:\Type Section\Hidco\HID-A\Minutes\2051-./A-24-2015.docx

Minutes of the meeting regarding "Solid Waste Management Project" held on 10/04/2018 at Conference Room of Nagarayan.

Members Present

- 1. Sri Sutanu Prasad Kar, IAS, Director, SUDA
- 2. Sri Upendra Nath Sarkar, Special Secretary, UD & MA Deptt.
- 3. Sri Gopal Chandra Ghosh, Joint Managing Director, WBHIDCO Ltd.
- 4. Sri Subhasish Chattopadhyay, DG, SWM, KMC and his team.

Sri Sutanu Prasad Kar, IAS, Director, SUDA initiates discussion on the establishment of 'Solid Waste Management Project' for waste disposal of KMC & NKDA and a unit for Electricity Generation through Municipal solid Waste.

It is discussed that KMC has already deposited 50% of the total Lease premium, i.e. ₹42,35,00,000/- to WBHIDCO.

Director, SUDA, mentions that he has submitted a proposal on note-sheet to waive the remaining 50% of the lease premium based on the communication of KMC. DG, Solid Waste Management, KMC present in the meeting also puts forward the same proposal.

Sri Gopal Chandra Ghosh, JMD, WBHIDCO says that whatever decision on the exemption of 50% of the lease premium will be taken by the Department and communicated, WBHIDCO will carry out the order.

Regarding the next issue of draft lease Deed is taken up for discussion. Our office does not seem to have received the draft lease Deed from HIDCO, albeit record of HIDCO shows that the draft Lease Deed has been submitted on 25/10/2017. However, JMD from WBHIDCO has been requested to submit the draft lease Deed early. Then Sri Gopal Chandra Ghosh, JMD, WBHIDCO says that if any changes proposed by KMC are approved by the Draft, HIDCO will incorporate such changes in the draft lease Deed.

It is also discussed that a file on the issue has been sent by SUDA. It has been discussed in the State High Power Committee meeting of Mission Nirmal Bangla (Urban) on 28/03/2018. It has been proposed that the lease premium of KMC be waived.

It is also discussed that Finance Deptt. may be moved in order that 50% of the lease premium of KMC is waived.

With no other points to be discussed, the meeting is concluded with thanks.

Special Se

UD & MA Deptt.



Government of West Bengal Department of Urban Development and Municipal Affairs "NAGARAYAN", DF-8, Sector-I,

Salt Lake, Kolkata-700064

o. 2051(3)-UD/O/M/HID/2A-24/2016

From: The Joint Secretary to the Government of West Bengal.

To: i) The Commissioner, Kolkata Municipal Corporation.

ii) The Joint Managing Director, West Bengal Housing Infrastructure Development Corporation Ltd (A Govt. of West Bengal Undertaking) "HIDCO BHABAN", Premises No. 35, 1111, Major Arterial Road, New Town, Kolkata - 700 156.

iii The Director. State Urban Development Agency (SUDA).

Minutes of the Meeting on Solid Waste Management Project in Mouza-Chhapna in Sub: Plot No. III D/6 in New town, Kolkata, Held on 10.4.2018.

Sir.

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Enclo: As stated.

Yours faithfully,

Dated: 09.07.201

Verthed

Joint Secretary to the Government of West Bengal.

Dated: 09.07.2018.

No. 2051(3)/1(2)-UD/O/M/HID/2A-24/2016

Copy with a copy of the minutes of the said meeting forwarded for information to:-

- 1) The O.S.D to Hon'ble Minister-in-Charge of this Department.
- 2) P.S. to the Principal Secretary of this Department.

Enclo: As stated.

Joint Secretary to the Government of West Bengal

C:\Type Section\Hidco\HID-A\Minutes\2051- !A-24-2016.docx

Minutes of the meeting regarding "Solid Waste Management Project" held on 10/04/2018 at Conference Room of Nagarayan.

Members Present

- 1. Sri Sutanu Prasad Kar, IAS, Director, SUDA
- 2. Sri Upendra Nath Sarkar, Special Secretary, UD & MA Deptt.
- 3. Sri Gopal Chandra Ghosh, Joint Managing Director, WBHIDCO Ltd.
- 4. Sri Subhasish Chattopadhyay, DG, SWM, KMC and his team.

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It is discussed that KMC has already deposited 50% of the total Lease premium, i.e. ₹42,35,00,000/- to WBHIDCO.

Director, SUDA, mentions that he has submitted a proposal on note-sheet to waive the remaining 50% of the lease premium based on the communication of KMC. DG, Solid Waste Management, KMC present in the meeting also puts forward the same proposal.

Sri Gopal Chandra Ghosh, JMD, WBHIDCO says that whatever decision on the exemption of 50% of the lease premium will be taken by the Department and communicated, WBHIDCO will carry out the order.

Regarding the next issue of draft lease Deed is taken up for discussion. Our office does not seem to have received the draft lease Deed from HIDCO, albeit record of HIDCO shows that the draft Lease Deed has been submitted on 25/10/2017. However, JMD from WBHIDCO has been requested to submit the draft lease Deed early. Then Sri Gopal Chandra Ghosh, JMD, WBHIDCO says that if any changes proposed by KMC are approved by the Draft, HIDCO will incorporate such changes in the draft lease Deed.

It is also discussed that a file on the issue has been sent by SUDA. It has been discussed in the State High Power Committee meeting of Mission Nirmal Bangla (Urban) on 28/03/2018. It has been proposed that the lease premium of KMC be waived.

It is also discussed that Finance Deptt. may be moved in order that 50% of the lease premium of KMC is waived.

With no other points to be discussed, the meeting is concluded with thanks.

UD & MA Deptt.

Special Se

₾ Phone: 033-2553 - 3060 / 2563 -1171

Fax: 033-2553 - 3060

E- mail: khardahmunicipality@yahoo.co.in



Office of the Municipal Councillors of Khardah Municipality B. T. Road Khardah, North 24-Parganas District

No. KDHM/CM/SWM/01/2018

Date: 26/02/2018

From : Tapash Paul

Chairman, Khardah Municipality

To : The Director,

State Urban Development Department

ILGUS Bhavan, HC Block

Sector-III, Salt Lake City. Bidhannagar

Sub. : Proposal for Preparation DPR of SWM project within Khardah Municipality

Sir,

I would like to draw your kind attention regarding the proposal of preparation of DPR of SWM Project within the Khardah Municipality as per your direction at the Review meeting on 22.02.2018 at SUDA Conference hall I am submitting our proposal along with details related informations.

Accordingly I am requesting you to take an appropriate action so that the said project may be implemented within the 2018-19 financial year.

Necessary Informatics Data is given below:

1. NAME OF THE MUNICIPALITY

NUMBER OF WARD

3. AREA OF THE MUNICIPALITY

POPULATION(As per 2011 Census)

5. POPULATION DENSITY (upto Census 2001)

6. AREA OF LAND EARMARKED FOR SWM PROJECT

: KHARDAH MUNICIPALITY

: 22 No

: 6.87 Sq.Km

: 1,09,342 No (Detail Enclosed)

: 16921 PER Sq.Km

: 4 Acre (More or Less) owned and under possession of

the Municipality, which is within 8 Km radius from the Center of the Town

Thanking you,

Enclo: 1) Profile of Krardah Municipality

2) Details of Land

ESTD-1920
ESTD-1

Yours faithfully

A O O A And

(Tapash Taul)

Chairman

Khardah Municipalit

Khardah Municipality Chairman

Khardah Municipality

HISTORY OF KHARDAH MUNICIPALITY:

Overview of the Municipality

Khardah Municipality is a small and unique ULB, established in 1920, which has to its credit of nurturing of many notable individuals of Bengal. The Municipality also houses a number of Chemical and Engineering Industries and also some famous heritage buildings. This ULB has come a long way in its growth and development when it consisted of 4 wards and population of 6000 people. Initially this ULB was known as South Barrackpore Municipality.

Khardah is an urban municipal town within the Kolkata Metropolitan area is linked by rail and road with the metro core. The town has direct railway links with its region in north and south. The Eastern railway Sealdah — Ranaghat section passes through this town. The major road links viz B.T. Road directly connects this town with its region.

Area	6.87 Sq.Km.
Population	1.16 L (as per 2001 census)
No of Wards	21
Average Temperature	35° C during summer
Average Temperature	15° C during Winter
Elevation of Land	6.71m from sea level
Average yearly rainfall	1400mm

1.4.1 History & Year of establishment

The seven lettered word 'Khardah' brings us a snap of organically grown town developed through continuous process of migration. There are so many myths regarding the nomenclature of Khardah, in spite of various concepts the most famous one has been accepted. It was revealed from the book written in 1875 by W.W. Hunter (the Director General of Statistics of India Govt. at that period) regarding 24 parganas. The myth is as follows:

Once upon a time the follower of Nityananda Mahapradhu Sree Chaitanya found a lonely woman, crying in the forest. He asked her reason of that great sorrow. The woman replied that her only daughter has been died. But Nityananda replied that the girl was sleeping then the lady gave him the challenge to awake her died daughter and also assured him to that if he could do so she would allow him to marry the girl. Nityananda did so and got married with the girl. Simultaneously he became worried about the shelter. He went to landlord. Landlord picked a straw from his and threw it into the holy Ganges. Suddenly the particular place became a land after that the land was named as "KHARDAH". But now a days this myth is challenged by the critics, then the scientific reasons emerged that once upon a time there was the dynasty of 'Kharags' that's why the place was named as 'Khardah'. Another concept is the "Khardah" term emerged from the previous nomenclature of the land viz. "Khardwip'.

The history of Khardah region dates back to a few hundred years. The region has its first municipality -in 1869. Thereafter in 1877, South Barrackpore and west Barrackpore municipalities were established of which Khardah was a part. At a latter date, these municipalities were subdivided and in 1920, South Barrackpore Municipality was renamed as Khardah Municipality vide Government notification No. 646 M dated 09.03.1920 & 28.03 1920.

Khardah Municipality had then only four wards and the annual budget was Rs. 4604/-only. Major services provided comprised:

Cleaning of service latrines.

Cleaning of kutchha drains and culverts.

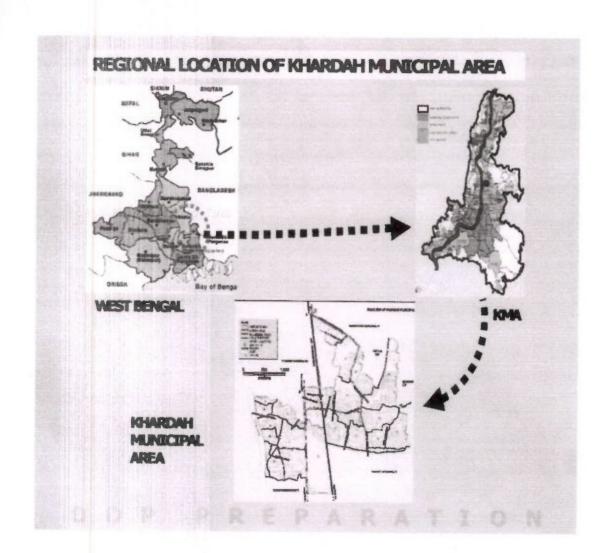
Provision of lights at street junctions and crematoriums.

Keeping the environment clean.

From the very beginning, the municipality had problems of trenching grounds and disposals were made in the neighboring municipality against monthly fees. These were conscious effort for maintaining public health and arrangement was there for free treatment to the citizens. The municipal solid waste was transported through bullock carts and municipality used to maintain ponding grounds for stray cattle.

During 1922, the municipality had its first election. House owners and license holders were eligible for voting and the voting was through secret ballot.

At that time, the total area of the municipality was 0.95 Sq. Km. and and population was only 6000. No. of registered holdings was 1068. During the 1931, the municipality's annual was Rs. 17,642/- and expenditure was 14,937/-.In 1938 1938, for removal of dead animals, carcass vans were introduced. In 1939, two tubewells were sunk - one in Rashkhola and other in Kulinpara wards. Till 1950, there was no permanent market place when a new market was established near BT Road. In 1959, a new medical centre was established and only in 1960, an ambulance was purchased. Towards primary education, four primary schools were established as early as 1929 and in 1933, the municipality constituted School Education committee. In 1938, street lighting was introduced and only in 1946, municipal building got electrical power connection.



2. Administrative Boundary

Khardah municipality is the administrative authority of this town. The district (North 24 Parganas) headquarter at Barasat is also not very far away. The major civic infrastructures though not at the optimum level, are available. This is a mixed residential and industrial town.

The local administration is under the control of local government and the development, maintenance works and revenue collection are done by the municipal authority.

The Authority gets fund from the state government, KMDA for its development & maintenanceworks. KMDA also assists in the devevelopment works for the town. Other agencies like PWD (roads), Post & Telegraph department, WBSEB, CESC etc. also work for development and maintenance of this town in their respective fields.

The revenue collection sources are Trade licence, Building tax, Vehicles licence for rikshaw and cycle rikshaw vans.

3. Linkages (Rail, Road, Port & Air)

Khardah is an urban municipal town within the Kolkata Metropolitan area is well linked by rail and road with the metro core. The town has direct railway links with its region in north and south. The Eastern raiway Sealldah – Ranaghat section passes the town through Khardah railway station. The major road links viz. B.T.Road directly connects this town with its region. Completion of DumDum – Barrackpore Expressway and Belghoria Expressway will open up further linkage significantly. Introduction of Belghoria-Expressway will make the connectivity between Netaji Subhash International Airport and Khardah much easier and quicker. At the same it will be connected with 2nd Vivekananda Bridge that makes better access to national highways – Delhi and Bombay road as well as Durgapur Expressway..The Ferry service (boat) connects the other bank of river Hooghly with this town

4. Economic Base including Major Establishment Services –

Services in government or private offices, educational institutions, commercial units, industries, transport services etc. From a survey it is observed that a large portion of service holders go outside of this town for their job. Most of the service holders in educational institutions, commercial units reside within this town.

Major Registered Industries in the Town are:

Industrial List:

Large Industries:

SI No:	Name of the Industry
1	Electro steel casting Ltd.(Engineering)
2	ESSAB India Ltd.
3	Hindustan Heavy Chemical Ltd. (Chemical industry)
4.	Hind ware Industries
5.	Texmaco Ltd.(engineering)
6.	Cal silk manufacturing Ltd.
7.	Associated pigment(engineering)

Medium Industries:

Sl No:	Name of the Industry	
1.	Sree Durga Food Products (food production)	
2.	Madhaba textile	
3.	Rajmata India Pvt. Ltd.(wire)	
4.	Joy Industries (engineering)	
5.	Jalan Ltd. (engineering)	
5.	Ramakrishna dyers (dyeing)	

Small Scale Industries:

SI No:	Name of the Industry	
1	Praous paper(paper mill)	
2	Pinkto Chemical(Chemical industry)	
3	Vaskar industry(engineering)	
4	Kothari Investment Industry (engineering)	
5.	Essen synthetic (engineering)	

Service Sector:-

Sl No:	Name of the Service Provider	
1		
allo.	Balaram Seva Mandir Hospital	

Informal Sectors: -

SI No.	Informal/Unorganized Sector	
1	Rickshaw owner	
2	Cart owner	
3	Car service	
4	Carpenter	
5	Hawkers	
5	Daily labors	
7.	Domestic helper	

Total employees in these units are 2500 (approx)

From a survey it is observed that, in the educational institutions 60% employees reside in Khardah town area and 40% come from outside. Total number of employee is about 285.

5. Places of Interest

Khardah municipal town is well known for places of interest within it. There are altogetherthirty four such notable places and heritage buildings within the town. These are mentioned below:

- 26 SHIV TEMPLE
- 2. ANNAPURNA TEMPLE
- KUNJBATI
- 4. MADAN MOHAN TEMPLE
- SHYAM SUNDAR TEMPLE
- RASHMANCHA
- ANCESTRAL HOUSE OF KHIRODPRASAD BIDYA BINOD
- 8. LAXMINARAYAN TEMPLE
- 9. RAHARA RAMKRISHNA MISSION
- 10. TEMPLE OF NANDADULAL
- 11. RABINDRA NATH MEMORIAL

6. Festivals

Khardah has a rich religious heritage which is evident from the temples situated all over the western part of the town. Festivals are held almost throughout the year surrounding these temples. The most important temple is that of Sri Sri Radha Shyamsundar. Rash festival of Sri Sri Radha Shyamsundar is held here every year in Autumn Season. This festival lasts for five days and the Mela, used to be held on this occasion, for over a month. This festival have been continuing since year 1575 and organized by the Trustee Board of Sri Sri Radha Shyamsundar Jew. Khardah takes a festive mood during this period. People from all over West Bengal use to assemble here during this festival. The main feature of this festival of Khardah is that the people of all religious, creed and cast can participate in the last day of the festival and take "Holi Bhog" of Sri Sri Radha Shyamsundar in unrestricted way. This unrestricted distribution of "Bhog" is popularly called as "Loot". All the ingradiants of "Khieuri" like rice, dal etc., the quantity of which exceeds 15 quintals every year, are contributed by the local people at their own.

Apart from this festival, festival like Jhulan, Gosta, Dol (Holi) and Sarat Rash are also held here every year in a pompus way. These festivals are also being held since year 1575 and are being organized by the Trustee board of Sri Sri Radha Shyamsundar Jew. In early days the speciality of Jhulan festival of Khardah was that on the last day of the festival every body used to tye up "Holi Thread" of yellow colour on the hand of others as a mark of brotherhood. This system continued upto year 1904. But since introduction of "Raskha Bandhan" festival by Rabindranath Tagore in the year 1905 against "Division of Bengal" by the British Rullers, the system of tying "Holi Thread" was discontinued and tying of colourful "Rakhi" was introduced and this is continuing till date. All the festivals of Khardah are continuing even today with same festive mood and attraction.



Attracted by the daitees and temples of Khardah, great personalities like Sri Sri Ramkrishna, Sri Saroda Maa and Sister Nivedita visited Khardah on several occasions.

7. Climatic Data

The climate of Khardah is hot and humid and the average maximum temperature is 35.0°c observed in the months of May – June and average minimum temperature is 15.0°c is recorded during months of December – January. Annual average rainfall is 1400 mm. The town is at an elevation of 6.71m from mean sea level.

8. Soil and Ground water Scenario

The soil quality of the area whether at the disposal ground or near industrial out fall area is not contaminated in general. The pH is about 7.32 and all other mineral contents namely Phosphorus, Lead, Chromium, Nickel, Cadmium etc. are all within toraleble limits excepting Copper which has high concentration in industrial wastes outfall location.

The ground water quality in the area varies from place to place: it has an average pH of 6.80 - 7.40. At Khardah both Iron and Chloride contents are within permissible limits. The ground sources show Arsenic below detectable level. No bacterial contamination has been observed.

Asstt. Engineer
Khardah Municipality

WARD WISE POPULATION AS PER CENSUS REPORT OF 2011

WARD	Male	Female	Total Population	% of Total Population	No of beneficiary selected
1	2925	2773	5698	5.21%	3
2	2605	2465	5070	4.63%	3
3	1592	1559	3151	2.88%	2
4	3977	3925	7902	7.22%	4
5	3372	3303	6675	6.10%	4
6	4268	4290	8558	7.83%	4
7	1723	1621	3344	3.06%	2
8	2511	2502	5012	4.58%	2
9	1736	1764	3500	3.20%	2
10	2722	2236	4958	4.53%	2
11	2358	2267	4625	4.23%	2
12	4750	4645	9395	8.59%	4
13	2763	2561	5324	4.87%	3
14	2439	2402	4841	4.43%	2
15	1559	1440	2999	2.75%	2
16	1167	1069	2236	2.04%	1
17	1401	1363	2764	2.53%	1
18	1461	1465	2926	2.68%	1
19	3371	3229	6605	6.04%	3
20	3117	2857	5975	5.46%	3
21	2249	2015	4266	3.90%	2
22	1802	1716	3518	3.22%	2
			109342		54

Asstt. Engineer Khardah Municipality

POPULATION OF LAST FIVE DECADES

Population of the town during the last five decades

Year	No of wards	Area of the town	No of houses including slums	Population		Density of population no / sq. km
1971	15	1.68		32807	17.17	8455.41
1981	15	4.68		45000	37.17	9615.38
1991	18	4.91		88000	95.55	17922.6
2001	21	6.87		1,16,253	32.10	16921.69
2011	22	6.87		1,09,342	JAILU	10921.09

Asstt. Engineer Khardah Municipality

DETAILS OF LAND SCHEDULE EARMARKED FOR SOLID WASTE MANAGEMENT PROJECT UNDER KHARDAH MUNICIPALITY

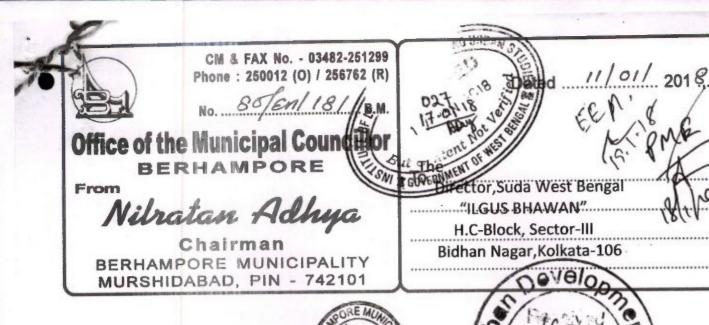
SL.NO	LOCATION/JURISDICTION	NAME OF MOUZA WITH J.L.NO	POLICE STATION	R.S. DAG NO	AREA OF LAND	TOTAL LAND AREA
01	BANDIPUR PANCHAYET AREA	ISWARIPUR J.L.NO: 21	KHARDAH	93, 94 AND 96	74 SATAK	293 SATAK 9 BIGHA MORE OR
02	ANEC			491	0.62 SATAK	
02					0.19 SATAK	
					0.06 SATAK	
					132 SATAK	LESS
				TOTAL	293 SATAK	
03		DANGADIGHILA J.L.NO: 19		243	25 SATAK	111 SATAK
				244	42 SATAK	3 BIGHA 7
				245	19 SATAK	KATTA
				246	25 SATAK	
				TOTAL	111 SATAK	
				GRAND TOTAL		12 BIGHA-7 KATTA

TOTAL LAND AREA AVAILABLE 12 BIGHA – 7 KATTA (More or Less) OWNED AND UNDER THE POSSESSION OF MUNICIPALITY

Assit. Engineer Khardah Municipality

Chairman

Khardah Municipality





15 JAN 2018

B. 4. 1/00

Sub:- Intimation regarding submission of land schedule along with feasibility report in c/w setting up Bio-Gas Plant.

Sir,

Kindly refer to your memo no SUDA-287/2017/102 Dt 13-12-2017 being addressed to the chief Engineer, M. E. Directorate, According to the said reference, the Executive Engineer, Murshidabad Division requested this Municipality to submit the land-schedule along with feasibility report in connection with setting up the Bio-Gas Plant.

Following the said reference, the schedule of land required for the scheme as well as the feasibility report for the Bio-Gas —Plant have already been submitted to the Executive Engineer, ME. Dte., Murshidabad—Division, Berhampore vide this Memo No-41/EN/2018/B.M Dated 05/01/2018---- a Photo- copy of which is enclosed herewith for your ready reference.

Now I would like to draw your kind attention to take necessary action as early as possible for the sake of setting up the Bio-Gas-Plant in the said schedule of Land.

Enclo:-As stated

Thanking You,

Yours faithfully

Berhampore Municipality

Berhampore Municipality



Office FAX No. - 03482-251299 Phone: 250012 (O) / 256762 (R)

No. 41/EN/2018 BM.

Dated 5/01/2018

Office of the Municipal Councillor

From

Nibratan Adhya

Chairman BERHAMPORE MUNICIPALITY MURSHIDABAD, PIN - 742101

To	 . 4	î
The Excutive Engine		
Murstridabad·Division	 *********	
M.E.Directorate		- 1
	 	 •••

Sub:- "Submission of land Schedule along with feasibility report in connection with setting up Bio- Gas -Plant"

Ref:- Memo mo:- ME/MSD/950/15-48/96 PT-1 DT-20.12.2017

Sir,

In response to above I am sending herewith the feasibility report in the format for Inspection as specified on solid waste management in connection with setting up a Bio-Gas plant for Berhampore Municipality. For disposal of solid waste, the existing dumping ground of this Municipality has already seen over loaded. Hence, you are requested to please take further necessary action as early as possible for installation of the Bio-Gas-Plant as proposed. An early feed-back is solicited.

Thanking You,

ofe

Enclo:-As Stated above

Memo No- 41/EN/1(2)/2018/13M Copy Forwarded for information to:- Yours faithfully

Chairman

Berhampore Municipality

Date- 05/01/2018

The Superintending Engineer,
 Office of the Superintending Engineer,
 Central Circle Municipal Engineering Directorate
 "Municipal Commercial Complex" 2nd floor,
 N . S Road, Malda-732101.

Chairman
Berhampore Municipality

INSPECTION REPORT

1. Name & Address of the Unit: Berhampore Municipality.

2. Date of inspection: 28-12-2017.

3. Inspected By (with designation): Sanitary Inspector, Berhampore Municipality. Assistant Engineer, Murshidabad Division.

4. Person present on behalf of Municipality during inspection:

- 5. Observations: A total area of 5.03 acres is available here. This land is a plain land no vulnerability of water lagging is found here. This land is suitable for this project
- 6. The Schedule of Land as per following:

Mouza, JL No. & Sheet No.	Plotting No.	Khatian No.	Area(in Acre)	Title of land
	Report in	separate sheet.		

7. Information about (Name of the Town): Berhampore.

8. Established: 1876.

9. Present Population: Population 1.93 Lakh as per Census 2011 and present population 2.16 Lakh.

10. Town Area: 31.42 Sq. KM.

11. Municipal Wards: 28

12. District Head Quarter: Berhampore.

13. Hospital (Nos.): 2 (Two Nos.)

1(One) Murshidabad Medical College and Hospital.

1(One) Mental Hospital

14. Nursing Home (Nos.):22 (Twenty Two) Nos.

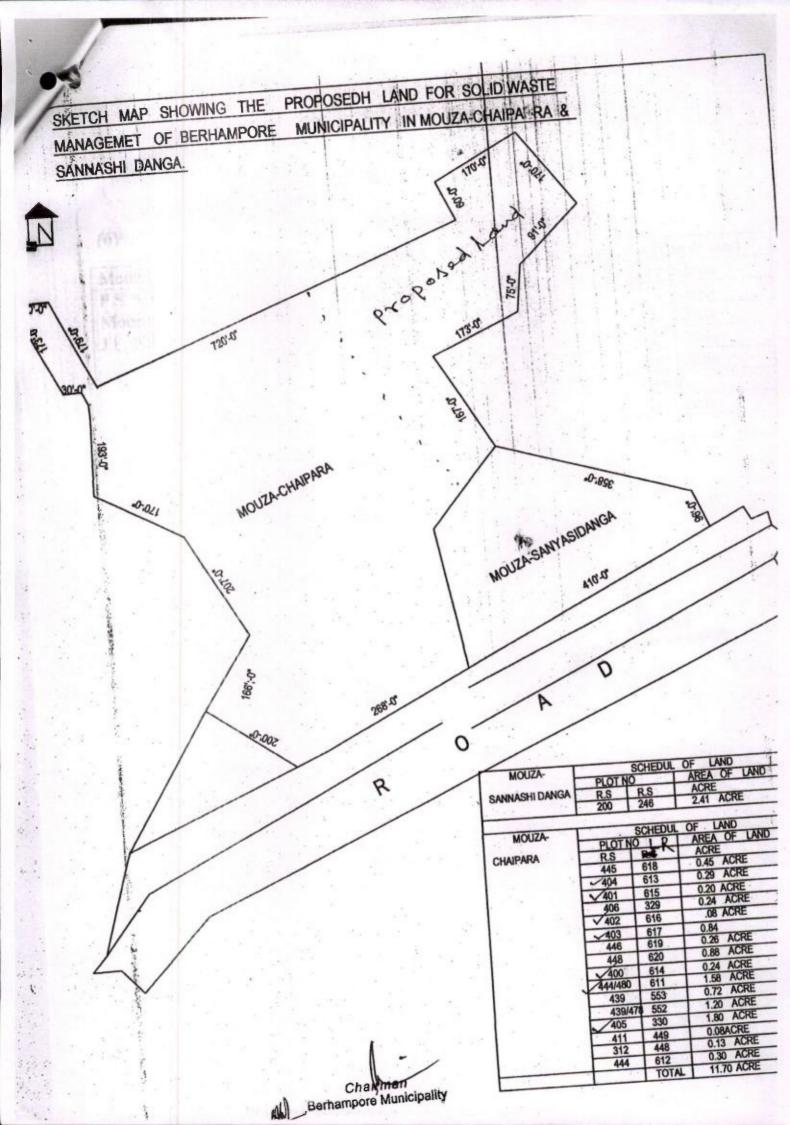
Contd..page-2.

- 15. Administrative Offices (No. & Name of the Offices): 1(One) Collectorate Office.
- 16. Basic Information about Solid Waste Management
- i. No. of households: 45,000
- ii. No. of Whole sale Market: 6
- iii. No. of other Market: 13
- iv. No. of shops/ stalls: 7000
- v. No. of Hospitals: 2 Nos. (Murshidabad Medical College and Hospital & Mental Hospital).
- vi. No. of Govt. Housing: 250
- vii. Solid Waste collected per day: 90 MT
- viii. No. of Compactor engaged per day: 2 (Two)
- ix. No. of Trucks/ Tractors engaged per day: 15 Nos.
- x. No. 3 wheeler Rickshaws engaged per day: 300 Double Wheel Barrow.
- xi. No. of Municipal staffs engaged per day: 648
- xii. Expenditure per month at current level: 75.00 Lakh
- 17. Location map of the site: Enclo.
- 18. Photographs: Enclo.
- 19. Brief history of the proposed site: This land is belonged to Berhampore Municipality since long and as the present dumping ground is overloaded hence, the Board of Councillors of Berhampore Municipality decided to utilize the same selected land for Bio-Gas production from the solid wastes.

Chalman Berhampore Municipality

Signature of the Inspector

F:\Conservancy_2017



BERHAMPORE MUNICIPALITY BERHAMPORE MURSHIDABAD

Proposed Land Mouza – Chaipara & Sanyashi Danga

(6)

The Schedule of land as per following

Mouza JL No.	Plot No. LR.	Khatian No.	Area in Acre	Title of land
P.S. Murshidabad	613	75/1	0.29	Itt Khola
Mouza – Chaipara	615	75/1	0.20	Itt Khola
J.L. No. 15	616	75/1	0.08	Itt Khola
	617	72/1	0.84	Itt Khola
	614	72/1	0.24	Itt Khola
	611	211,212	1.58	Aush
	330	316,317	1.80	Itt Khola
2			5.03 Acres.	

Berhampore Municipality

Rishra Municipality Comparative Statement

Name of the Work: - (A) Construction of Bio Toilet at different places under Rishra Municipality.

Scheme No: -

Tender / Quotation No: - R.M/I.T & P.W.D/18-19/SI-02A/Bio Toilet

Date: -10/04/2018

Amount put of tender Rs.

Earnest Money Rs. - XXXXX

Estimated Amount Rs. - Item rate of quotation is invited.

SI. No.	Name of the Tenderer / Quotationer	Earnest Money	Quoted Rate
1/4	M/S JESS Industries 54/A,Gurapada Halder Road,Kalighat Kolkata-700026		Rs 66400/- (Single Unit)
2/4	M/S Kamala Enterprise 43,Maa Bhabatararini,2 nd bye lane,Howrah		Rs 68500/- (Single Unit)
3/4	M/S Ramkrishna Engineering 7/1,Shib Krishna Daw lane,Kolkata		Rs 75000/- (Single Unit)
4/4	M/S JRMS Engineering Works Natunhat Kazi Para,Sonarpur,Bonhoogly,Kolkata		Rs 49678/- (Single Unit)

Remark:- Three (4) nos of sealed quotation are received. After opening it appears that the rate quoted by M/S- JRMS Engineering Works SI no of- 4/4 is Rs.- 49678/- stands lowest and it may be accepted.

Sowest Rate may be Abbroved / Approved / App



Company Address 54/A Gurapada halder road kalighat Kolkata -700026, (W.B.), INDIA. Email: jessindustries@gmail.com, mob: 9836057132, web www.jessindustries.com

INTRODUCTION

Jess industries, a leader in providing innovative products and technology used in the field of waterTreatment and Waste Water Treatment.

Jess industries is comitted to driver high quality products, improved Technology backed with dedicated services and above all our Competitiveness ensures complete customer satisfaction to the OEMs at one stop solution

To, Chairman Rishra Municipality

WEST BENGAL

Ref.No:RM/IT&PWD/18-19/SL02A/BIOTOILET- Dated: 10.04.18

Quotation No:135-Dated :19.04.18

Quotation for Bio toilet Indian Module

ADVANTAGE OF BIO TOILET & BIODIGESTER

- 1. Disposes Human Waste in a 100% eco-friendly.
- 100% solid discharge free.
- 3. 100% maintenance free, continuous biological process.
- 4. Elimination of pathogens.
- Economically viable
- 6. No manual handling of Human Waste
- 7. No need of removal solid waste
- 8. No bad smell in toilets from the tanks
- Works without septic tank or sewage tank connectivity and required no sludge disposal. Hence suitable for mobile toilet applications.
- 10. Light weight.
- 11. corrosion resistance
- 12. weather proof

21/05/2018 31/05/2018

Sun 3/18

31050

Company Address 54/A Gurapada halder road kalighat Kolkata -700026,(W.B.), INDIA. Email: jessindustries@gmail.com,mob: 9836057132,web www.jessindustries.com

Technical Details

Bio toilet

Sr. No	Item	Specification
1	Frp bio toilet Indian	size: 1000x1000 2000
	Door	bio digester tank 1000 x1000x 500
Window Light		
	Biodigester Tank	

FOR
JESS INDUSTRIES
Thanks and Regards
Kunal sardar
9836057132

Company Address 54/A Gurapada halder road kalighat Kolkata -700026, (W.B.), INDIA. Email: jessindustries@gmail.com, mob: 9836057132, web www.jessindustries.com

Price Quotation

Product Name	Quantity	Unit price	Total Price
Bio toilet	10	55,000	5,50,000
Gst 18%			99,000
total			6,49,000
Transport	2407111111111111111111111111111111111111		15,000



Company Address 54/A Gurapada halder road kalighat Kolkata -700026,(W.B.), INDIA. Email: jessindustries@gmail.com,mob: 9836057132,web www.jessindustries.com

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- Economically viable
- No manual handling of Human Waste
- 7. No need of removal solid waste
- 8. No bad smell in toilets from the tanks
- Works without septic tank or sewage tank connectivity and required no sludge disposal. Hence suitable for mobile toilet applications.
- 10. Light weight.
- 11. corrosion resistance
- 12. weather proof

31/05/2018

Non-



Company Address 54/A Gurapada halder road kalighat Kolkata -700026,(W.B.), INDIA. Email: jessindustries@gmail.com,mob: 9836057132,web www.jessindustries.com

Technical Details

Bio toilet

Sr. No	Item	Specification
1	Frp bio toilet Indian	size: 1000x1000 2000
	Door	bio digester tank 1000 x1000x 500
Window Light		
	1	
	Biodigester Tank	

FOR
JESS INDUSTRIES
Thanks and Regards
Kunal sardar
9836057132

Company Address 54/A Gurapada halder road kalighat Kolkata -700026,(W.B.), INDIA. Email: jessindustries@gmail.com,mob: 9836057132,web www.jessindustries.com

Price Quotation

Product Name	Quantity	Unit price	Total Price
Bio toilet	10	55,000	5,50,000
Gst 18%			99,000
total	*		6,49,000
Transport			15,000



Head office: Nutanhat Kazi Para, P.S: Sonarpur, P.O.: Bonhoogly, Kolkata-700103. Contact: +91 9831909156; +919831909156: +91 24289033

Email:info@jrmsengineeringworks.com

AN ISO 9001:2008 CERTIFIED ORGANISATION



Commercial Offer for Bio toilets Indian pan

SR NO.	PRODUCT CODE	Quantity	Unit price	PRICE
1.	JBT-02	1 Nos	42,100/-	42,100/-
	Gst @ 18%	8.47		7,578/-
	Grand total			49,678/-
	Transport			Included

Ref. Number: RM/IT&PWD/18-19/SL02A/BIOTOILET

Date:10.04.18

Payment Terms: 100% after receiving the materials.

Delivery: Within 10 days

Thanks Regards

Raja ali

Mob: 9831909156

JRMS ENGINEERING WORKS

S. glath 31.5.18

Bracem 105/2017



KAMALA ENTERPRISE

All type of sheet metal job, Fabricating & General Order Suppliers.

Mob +919231622450

E-mail: kamalaenterprise7@gmail.com

43, Ma Bhabatarini Sarani, 2nd. Bye Lane, Howrah-711104, WB, India

VAT No.: 19686630054 C.S.T. No.: 19686630054

Ref. No. RM/IT & PWD/18-19/SL-02A/BIO-TOILET

Date: 14/04/2018

GST No. 19BEIPM0366J1Z7

Quotation for Portable Bio-Toilet

Frp Bio-Toilet

Rs 54,000.00

Accessories

Water tap with water inlet connection
Light with holder
Indian Pan
3 M electric with 1 unit of bed switch,
Liquid Soap container

Rs 5,000.00

Installation

Rs 7,000.00

Freight

Rs 2,500.00

TOTAL

Rs 68,500

31/5 POP8

Sarath Mara

Phone: 9433167938



7/1, Shib Krishna Daw Lane Kolkata - 700 054

Date -: 17/04/2018

Provide By Your Notice Number -: RM/IT & PWD/18-19/SL-02A/BIO-TOILET

GST No. 19AFRPC6714K1Z1

Quotation for ECO Friendly Bio-Toilet

1. Bio-Toilet FRP	62,500.00	
2. Accessories		
Water tap with water inlet connection		
Light with holder, Indian Pan, 3 m electric with 1 unit of bed switch, Liquid Soap Container.	5,000.00	
3. <u>Installation</u>	5,000.00	
4. Freight	2,500.00 31.5.18	
SIISTOB 3 ghand	5,4	

Total

3/15/0

75,000.00

RAMKRISHNA ENGINEERING

Phonosinter





Chairman, Rishra Municipality

Phone: 2672-1373

2672 2953

Mobile: 9433016621 : 2672-0306 Fax

E-mail: rishramunicipality@yahoo.com

To

The Director

State Urban Development Agency Ilgus Bhavan, H-C Block, Sector - III.

Bidhannagar Kolkata - 700 106.

Date: 20-4-18

Sub: Submission of DPR regarding Installation of Bio-Toilets

Respected Sir,

The undersigned is hereby submitting Detailed Project Report regarding Installation of 70 (seventy) numbers of Bio - Toilets within different wards of Rishra Municipality mainly at Slum Areas, Market Places, Bus Stand, Auto Stand, Rickshaw Stand, Parks & Play Ground etc.

Necessary approval of this DPR is highly expected from your end at an early date, so that release of fund for setting up Bio-Toilets in different wards of Rishra Municipality under Swachh Bharat Mission will may accord by us from SUDA at earliest.

your co-operation in this regard is highly solicited.

With Thanks



RISHRA MUNICIPALITY



DETAILED PROJECT REPORT

INSTALLATION OF BIO TOILET

Executive Summary

Rishra was a pre-colonial settlement on the bank of the river Ganges in he district of Hooghly in West Bengal. It has a rich Geographical, listorical & Cultural heritage. Our mission shall not only be reforms triven, but also be a fast track planned development of identified areas with focus on efficiency in Urban Infrastructure & Service Delivery Mechanism with an eye to community participation and accountability of Jrban Local Body towards its citizens.

Rishra can be called "Mini India" with the slum and non-slum people rom Kashmir to Kanyakumari & Arunachal to Rajasthan having their own castes, creeds, religions and languages speaking has shaped it into a cosmopolitan one.

Rishra is a densely populated town where many festivals of different castes, creeds, religions and languages speaking people are organized.

We have been organizing Rishra Fair since last 28 years. It's the preatest fair in the district. Jagadhatri Puja festival including its mmersion rally is another remarkable festival of Rishra where thousands of people not only from the different places of the district but also from lifterent district of the state have been assembled in the fair arena everyday.

Different "Days" are being observed by organizing colourful rally where housands of citizens have been taking part spontaneously.

Many events of the Sports and Games of Sub-Division Level and State .evel are being organized in this town.

So, to keep the city clean and hygienic Bio-Toilet installation is an essential task for the town.

This plan aims towards three basic aspects -

- i.) Eco-friendly Wastes Management Solution.
- ii.) Prevention on spread up of diseases and epidemics.
- iii.) Betterment to Eco clean and pollution free environment.

Organization

Name of the ULB

Rishra Municipality.

49 / 56 & 57 Rabindra Sarani, Rishra, District - Hooghly. Telephone - 26721373 / 6794.

Name of the project

Installation of Bio Toilets :

Location of the project

Market Place, Bus, Auto & Ricksow stand Parks & Playground within the jurisdiction of

Rishra Municipality.

Project

Name of the project

Installation of Bio Toilets.

Value of the project

Rs. 35 Lakhs.

Start date

May/June 2018. (around)

End date

September / October 2018. (around)

Objectives

To offer a next generation eco-friendly waste management solution.

To convert solid human wastes into natural water and traces amount of gas.

To prevent spread of diseases and epidemics caused due to dumping of unprocessed human wastes.

Target group

Mainly Inhabitants of slum areas, people who gathered at Market Places, Bus Stand, Auto stands, Rickshaw Stand, Parks & Playgrounds within the jurisdiction of Rishra

Municipality.

Project area

Entire Municipal Area.

TECHNICAL FEATURES OF BIO BACT BIO MEDIA:

STRAIN 1:

releases amylase polysaccharides that digests complex

(carbohydrate)

STRAIN 2:

releases cellulolytic enzyme that

digests cellulosic/fibrous substrates

MULTI STRAIN BACTERIAL **AEROBIC** CULTURE

neutralizes odor. STRAIN 5:

STRAIN 3:

enzyme that digests lipids (fats & olls) releases lipolytic

digests complex enzyme that STRAIN 4: proteolytic releases

proteins

THE BIOLOGICAL DIGESTION PROCESS

Human waste goes into the system

Purpose built Bio Digester Tank

Bio Digestion Process takes place in the Multi Chambered Bio Digester Tank

Waste is converted primarily into Water

into
Disinfection
Chamber and
is disinfected

Water flows

Non Toxic, Non Pathogenic, Neutral Water Discharged with traces of CO2

UNIQUE 24 HOURS CYCLE

THE BIOLOGICAL DIGESTION PROCESS

FIRST TREATMENT CHAMBER BIO-DIGESTER TANK ASSEMBLY WASTES GOES IN **UNIQUE 24 HOURS CYCLE** SECOND TREATMENT CHAMBER THIRD TREATMENT CHAMBER

WATER DISCHARGE PIPE

DISINFECTION FEEDER

DISINFECTION CHAMBER

FIFTH TREATMENT CHAMBER

FORTH TREATMENT CHAMBER

Rishra Municipality DPR - Bio Toilet

Project Cost:

SI.				Total Amt.
No.	Activity	No. of Units	Unit Cost	(Rs.)
1.	Installation of Bio Toilets	70	Rs.50,000/-	Rs.35,00,000/-

:

Sustainability

The project would be sustained as this ULB

is already declared as ODF Zone. So PPP

Model may be adopted in this respect.

Accounts & Finance Co ordinator Rishra Municipality Recounts & Finance Co-ordinator

Rishra Municipality

Finance Officer RISHRA MUNICIPALITY Rishra Municipality
Rishra Municipality
Rishra Municipality Chairman

Phone :- 2537- 5408, Fax 25371006

NEW BARRACKPORE MUNICIPALITY

NEW BARRACKPORE, NORTH 24-PARGANAS Chairman KOLKATA-700 131

CHAIRPERSON: SMT. TRIPTI MAJUMDER

VICE-CHAIRMAN : SHRI MIHIR DEY

No.: NBM//SI/Dumping/

To
The District Magistrate,
North 24-Parganas..
Barasat, North 24-Parganas.

BARANAGAR MILL 2017
Date: 04-05-2017

Subject : Regarding inclusion of New Barrackpore Municipality in a Dumping Ground Project.

Sir/Madam,

We want to draw your kind attention on the following matter and request you to kindly take necessary action to solve the problem as early as possible.

- 1. That, in our Municipal area, there is no availability of vacant land suitable for dumping ground of our own. Hence, we had joined Promod Nagar Dumping Ground Project along with our neighbouring Municipality i.e. Dum Dum, South Dum Dum & North Dum Dum, Baranagar for disposal of our waste materials in the year 2009 and till now we are using the same dumping ground.
- 2. That we attended the meeting regarding that particular subject invited by the Chairman of South Dum Dum Municipality Mr. Panchu Roy at the Conference Hall of West Bengal Pollution Control Board on 01-03-2016. In the meeting, New Barrackpore Municipality was also included along with other four Municipalities(South Dum Dum, Dum Dum, North Dum Dum & Baranagar Municipalaity) in a consortium which was formed in the meeting.

But we were not invited in the meeting held on 12-07-2016 at MED Office of Bikash Bhavan. Moreover, in the agenda of the Interdepartmental Coordination meeting held on 15-07-2016 at Unnayan Bhavan, Salt Lake the name of our Municipality is not mentioned as share-holder in the DPR of 120 Crore for the Project. We have submitted our request to kindly include the name of our Municipality in the project of Rs. 120 Crore for Dum Dum. North Dum Dum & Baranagar.

Mbeosi contd....p/2

NEW BARRACKPORE MUNICIPALITY

NEW BARRACKPORE, NORTH 24-PARGANAS KOLKATA-700 131

Page/2

3.That in the Proceedings of the meeting with all Municipalities under North 24-Parganas District on 10-03-2017 at Conference Hall-II of the Adiministrative Building, Barasat, it is seen that the status of the New Barrackpore Municipality as mentioned ------ "100% collection done, no land available for dumping". But the status of the Municipality ------ Dum Dum, South Dum Dum, North Dum Dum & Baranagar as mentioned ------- "Already arranaged under Promod Nagar Project".

So, it is known that New Barrackpore Municipality has not been included in the Promod Nagar Project. Not only that, New Barrackpore Municipality has not been included in any other Dumping Project. In the said Proceedings, it is also known that for Panihati Municipality, 4.35 Acre New land has been proposed for the project and DPR will be prepared by KMDA.

Under the present circumstances, we earnestly request you to consider any one of our proposals as mentioned below :-

- a) The name of our Municipality(i.e. New Barrackpore Municipality) may be included in the Project proposed for Panihati and it will be more advantageous for this Municipality as Panihati Municipality is nearer to New Barrackpore Municipality;
- b) The name of New Barrackpore Municipality may be included in the Promod Nagar Project(Rajiv Nagar).

contd....p/3

Mbeosi

NEW BARRACKPORE MUNICIPALITY

NEW BARRACKPORE, NORTH 24-PARGANAS KOLKATA-700 131

Page/3

However, we pray to your goodself to peruse the whole matter and we expect a wise decision from your kind end at an early date and also you are requested to kindly look into the matter so that no inconvenience is created to use the Promod Nagar Dumping Ground which is being used by this Municipality till now until & unless any alternative suitable arrangement is made.

Thanking you,

Yours faithfully,

Chairperson New Barrackpore Municipality

Date: 04-05-201

No.: NBM//SI/Dumping/ 506/1/17

Copy for information & necessary action to :-

The Additional District Magistrate(T), North 24-Parganas, Barasat;

2) Sub-Divisional Officer, Barrackpore;

Chief Engineer, Municipal Engineering Directorate, Municipal Affairs

Department, Bikash Bhavan, Salt Lake, Kolkata-700064;

The Regional Director, Central Pollution Control Board, Eastern Zonal Office, 502, Southend Conclave, 1582, Rajdanga Main Road, Kolkata-700107;

Chairman, Panihati Municipality/Dum Dum Municipality/South Dum Dum Municipality/North Dum Dum Municipality/Baranagar Municipality.

Chairperson New Barrackpore Municipality

Received without vertication
Office of the chief Ergines, M. E. DisBikash Brister, (South Blocky
1st Floor, Sait Lake Kol-91

Block 803, Southern Je 1883, Rajdange Man

Mbeosi

Phone: - 2537-5408, Fax 25371006

NEW BARRACKPORE MUNICIPALITY

NEW BARRACKPORE, NORTH 24-PARGANAS KOLKATA-700 131

CHAIRPERSON : SMT. TRIPTI MAJUMDER

VICE-CHAIRMAN: SHRI MIHIR DEY

No.: NBM//SI/Dumping/47/3/17

To The Director, SUDA, ILGUS Bhavan, HC Block, Sector-III, Bidhannagar, Kolkata-700106



O.

Date: 23-02-2018

Subject: Regarding inclusion of New Barrackpore Municipality in a Dumping Ground Project.

Sir/Madam,

We want to draw your kind attention on the following matter and request you to kindly take necessary action to solve the problem as early as possible.

- 1. That, in our Municipal area, there is no availability of vacant land suitable for dumping ground of our own. Hence, we had joined Promod Nagar Dumping Ground Project along with our neighbouring Municipality i.e. Dum Dum, South Dum Dum & North Dum Dum, Baranagar for disposal of our waste materials in the year 2009 and till now we are using the same dumping ground.
- 2. That we attended the meeting regarding that particular subject invited by the Chairman of South Dum Dum Municipality Mr. Panchu Roy at the Conference Hall of West Bengal Pollution Control Board on 01-03-2016. In the meeting, New Barrackpore Municipality was also included along with other four Municipalities(South Dum Dum, Dum Dum, North Dum Dum & Baranagar Municipalaity) in a consortium which was formed in the meeting. But we were not invited in the meeting held on 12-07-2016 at MED Office of Bikash Bhavan. Moreover, in the agenda of the Interdepartmental Coordination meeting held on 15-07-2016 at Unnayan Bhavan, Salt Lake the name of our Municipality is not mentioned as share-holder in the DPR of 120 Crore for the Project. We have submitted our request tp kindly include the name of our Municipality in the project of Rs. 120 Crore for Dum Dum. North Dum Dum & Baranagar.

NEW BARRACKPORE MUNICIPALITY

NEW BARRACKPORE, NORTH 24-PARGANAS KOLKATA-700 131

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Mbeosi

VEW BARRACKPORE MUNICIPALITY

NEW BARRACKPORE, NORTH 24-PARGANAS **KOLKATA-700 131**

Page/3

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Thanking you,

Yours faithfully,

Chairpérson New Barrackpore Municipality

No.: NBM//SI/Dumping/4713/ Copy for information & necessary action to New 8 ... selo. Auncipality

T Date № 23-0282018

1) The District Magistrate, North 24-Parganas, Barasat;

Chairperson New Barrackpore Municipality

> TRIPTI MAIUMDER CHAIRPERSON New Barrackour Municipality

Mbeosi

Phone :- 2537- 5408, Fax 25371006

NEW BARRACKPORE MUNICIPALITY

NEW BARRACKPORE, NORTH 24-PARGANAS chairman

KOLKATA-700 131

CHAIRPERSON: SMT. TRIPTI MAJUMDER VICE-CHAIRMAN : SHRI MIHIR DEY

No.: NBM//SI/Dumping/

To The District Magistrate, North 24-Parganas.. Barasat, North 24-Parganas. BARANAGARMI

Date: 04-05-2017

Subject : Regarding inclusion of New Barrackpore Municipality in a Dumping Ground Project.

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NEW BARRACKPORE MUNICIPALITY

NEW BARRACKPORE, NORTH 24-PARGANAS KOLKATA-700 131

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Thanking you,

Yours faithfully,

Date: 04-05-201

Chairperson New Barrackpore Municipality

No.: NBM//SI/Dumping/506/1/17

Copy for information & necessary action to :-

The Additional District Magistrate(T), North 24-Parganas, Barasat;

Sub-Divisional Officer, Barrackpore;

Chief Engineer, Municipal Engineering Directorate, Municipal Affairs

Department, Bikash Bhavan, Salt Lake, Kolkata-700064;

The Regional Director, Central Pollution Control Board, Eastern Zonal Office, 502, Southend Conclave, 1582, Rajdanga Main Road, Kolkata-700107;

Chairman, Panihati Municipality/Dum Dum Municipality/South Dum Dum Municipality/North Dum Dum Municipality/Baranagar Municipality.

New Barrackpore Municipality

Received without verification Office of the Unief Erigines, M E. Uta